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KD Job Updates

## Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate Name	
Venue Name	Indraprastha Public School
Exam Date	11/04/2022
Exam Time	9:00 AM - 10:00 AM
Subject	CGLE 2021 Tier I

### Section : General Intelligence and Reasoning

**Q.1** In a certain language, CHHAPAK is coded as DJKEUGR. How will MALANGA be coded in that language?

- Ans
- 1. NCEOSMC
  - 2. NCOCSMC
  - 3. NCOESMH
  - 4. NCOCMSC

Question ID : 65497844600  
Status : Answered  
Chosen Option : 3

**Q.2** Amit, Gaurav, Hatim, Varun, Yukti and Zaid are sitting in a straight line, all facing the north. Gaurav is fourth to the left of Amit. Yukti is sitting at one corner. Hatim is fourth to the left of Yukti. Zaid is third to the right of Gaurav. Who is sitting at the second place to the left of Zaid?

- Ans
- 1. Varun
  - 2. Yukti
  - 3. Hatim
  - 4. Amit

Question ID : 65497843079  
Status : Answered  
Chosen Option : 3

**Q.3** Select the correct combination of mathematical signs that can sequentially replace the \* signs and balance the given equation.

$$60 * 48 * 36 * 6 * 15 * 53$$

- Ans
- 1. +, ÷, -, ×, =
  - 2. +, ÷, ×, -, =
  - 3. ÷, +, ×, -, =
  - 4. ×, ÷, +, -, =

Question ID : 65497843086  
Status : Answered  
Chosen Option : 2

Q.4 Select the number from among the given options that can replace the question mark (?) in the following series.

237, 196, 155, 114, ?

- Ans
- 1. 47
  - 2. 98
  - 3. 73
  - 4. 64

Question ID : 65497842273  
Status : Answered  
Chosen Option : 3

Q.5 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

\_ Z \_ C \_ L Z \_ C \_ L \_ X \_ V L \_ \_ \_ V

- Ans
- 1. L, X, V, X, V, Z, C, Z, X, C
  - 2. X, Z, L, X, V, Z, C, C, C, L
  - 3. L, X, C, X, V, C, Z, C, Z, C
  - 4. L, X, V, V, X, C, C, X, Z, Z

Question ID : 65497844603  
Status : Answered  
Chosen Option : 1

Q.6 If '@' means 'addition', '%' means 'multiplication', '\$' means 'division' and '#' means 'subtraction', then find the value of the following expression.

29 @ 128 \$ 16 % 7 # 22

- Ans
- 1. 58
  - 2. 47
  - 3. 63
  - 4. 23

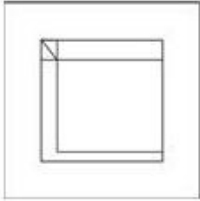
Question ID : 65497842380  
Status : Answered  
Chosen Option : 3

Q.7 Select the option in which the given figure is embedded (rotation is NOT allowed).

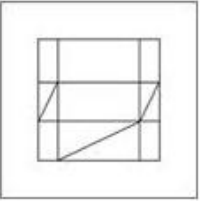


Ans

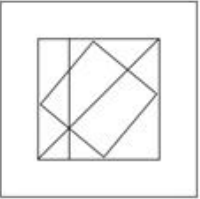
✓ 1.



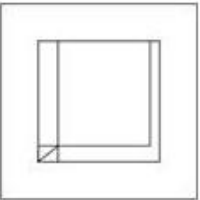
✗ 2.



✗ 3.



✗ 4.



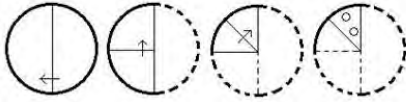
Question ID : 65497842283

Status : Answered

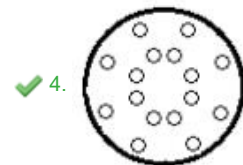
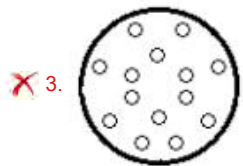
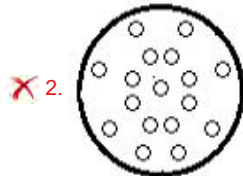
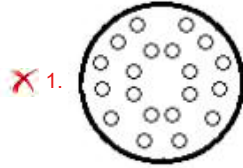
Chosen Option : 1



**Q.8** The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



**Ans**



Question ID : 65497843497  
 Status : Answered  
 Chosen Option : 4

**Q.9** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

All flowers are beautiful.  
 Vaidehi is beautiful.

**Conclusions:**

I. Vaidehi is a flower.  
 II. Some beautiful are flowers.

**Ans**  1. Only conclusion II follows.

2. Either conclusion I or II follows.

3. Only conclusion I follows.

4. Both the conclusions follow.

Question ID : 65497842373  
 Status : Answered  
 Chosen Option : 1

Q.10 Select the correct water image of the given combination of letters.

D F N Z S R

- Ans
- 1. D F N Z S R
  - 2. D F Z N S R
  - 3. D F N Z S R
  - 4. D F N Z S R

Question ID : 65497843092  
Status : Answered  
Chosen Option : 4

Q.11 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary

1. Petitionary
2. Petitioning
3. Petition
4. Petitioners
5. Petitioned

- Ans
- 1. 1, 2, 3, 4, 5
  - 2. 4, 1, 2, 3, 5
  - 3. 3, 1, 5, 4, 2
  - 4. 3, 1, 4, 5, 2

Question ID : 65497844585  
Status : Answered  
Chosen Option : 3

Q.12 Select the option that is related to the third term in the same way as the second term is related to the first term.

BACTERIA : EXFWBUX :: WOUNDS : ?

- Ans
- 1. ZLRQGV
  - 2. YLRQFV
  - 3. ZLSQFW
  - 4. ZRXQGV

Question ID : 65497843679  
Status : Answered  
Chosen Option : 1

**Q.13** Study the given pattern carefully and select the number from among the given options that can replace the question mark (?) in it.

48 63 56  
42 18 8 45 15 21 51 ? 8  
14 9 17

Ans  1. 21

2. 18

3. 19

4. 17

Question ID : 65497842277  
Status : Answered  
Chosen Option : 1

**Q.14** Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

TSF, RPJ, PMN, NJR, ?

Ans  1. JFV

2. KGU

3. LGN

4. LGV

Question ID : 65497842363  
Status : Answered  
Chosen Option : 4

**Q.15** In a certain code language, 'CROWD' is coded as 23415924 and 'TRHICK' is coded as 162491997. How will 'FRUGAL' be coded in that language?

Ans  1. 1226761821

2. 1521012291

3. 1512021921

4. 1221021186

Question ID : 65497843479  
Status : Answered  
Chosen Option : 3

**Q.16** Saloni is the daughter of the only son of Kartik. Nirupama is the mother of Deepak. Yamini's only son, Ankit, is married to Nirupama. Kartik is the paternal grandfather of Deepak. How is Kartik related to Ankit?

Ans  1. Brother

2. Paternal uncle

3. Son

4. Father

Question ID : 65497843078  
Status : Answered  
Chosen Option : 4

**Q.17** Six letters and symbols, H, h, I, @, % and S, are written on the different faces of a dice. Two positions of this dice are shown. Select the letter or symbol that will be on the face opposite to the one having 'H'.



- Ans**
- 1. S
  - 2. %
  - 3. h
  - 4. @

Question ID : 65497842383  
Status : Answered  
Chosen Option : 4

**Q.18** Select the option that is related to the third number in the same way as the second number is related to the first number.

223 : 350 :: 519 : ?

- Ans**
- 1. 736
  - 2. 645
  - 3. 687
  - 4. 654

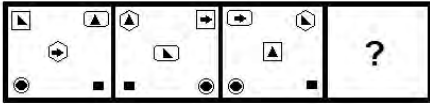
Question ID : 65497843487  
Status : Not Answered  
Chosen Option : --

**Q.19** Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

- Ans**
- 1. SPK
  - 2. JGT
  - 3. PMN
  - 4. GTQ

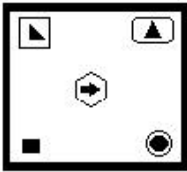
Question ID : 65497842264  
Status : Answered  
Chosen Option : 4

**Q.20** Select the figure from among the given options that can replace the question mark (?) in the following series.

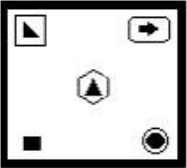


**Ans**

✓ 1.



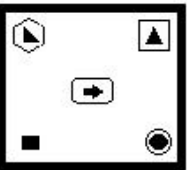
✗ 2.



✗ 3.



✗ 4.



Question ID : 65497843089

Status : Answered

Chosen Option : 1

**Q.21** In a certain code language, 6219 means 'Sachin is a cricketer' and 2646 means 'He played from Mumbai'. Which of the following is the code for 'Mumbai is very famous'?

**Ans** ✗ 1. 7945

✓ 2. 6246

✗ 3. 6285

✗ 4. 2458

Question ID : 65497842268

Status : Answered

Chosen Option : 2

**Q.22** Select the set of classes the relationship among which is best illustrated by the following Venn diagram.



- Ans**
- 1. Fathers, Brothers, Males
  - 2. Grandfathers, Fathers, Males
  - 3. Literates, Engineers, Farmers
  - 4. Mothers, Aunts, Doctors

Question ID : 65497843700  
Status : Answered  
Chosen Option : 2

**Q.23** Gaurav exits from the backdoor of his north-facing house and walks 25 m straight, then he takes a left turn and walks 36 m, then he turns left and walks 47 m. He turns left again and walks 36 m. How far and in which direction is he from his house now?

- Ans**
- 1. 22 m, North
  - 2. 11 m, North
  - 3. 22 m, South
  - 4. 11 m, South

Question ID : 65497843492  
Status : Answered  
Chosen Option : 1

**Q.24** Mohit and Sudesh bought pens and notebooks from the same shop. Mohit bought 3 pens and 6 notebooks by paying an amount of ₹180. Sudesh bought 5 pens and 2 notebooks by paying an amount of ₹116. How much did Mohit spend on buying notebooks?

- Ans**
- 1. ₹84
  - 2. ₹138
  - 3. ₹122
  - 4. ₹115

Question ID : 65497843690  
Status : Answered  
Chosen Option : 2

**Q.25** Select the number from among the given options that can replace the question mark (?) in the following series.

5, 18, 70, 278, ?

- Ans**
- 1. 328
  - 2. 298
  - 3. 1110
  - 4. 592

Question ID : 65497842375  
Status : Answered  
Chosen Option : 3

Section : **General Awareness**

**Q.1 The numerical taxonomy of plants is based on which of the following?**

**Ans**  1. All observable characteristics

2. Chemical constituents

3. Structure

4. Chromosome number

Question ID : **65497843709**  
Status : **Not Answered**  
Chosen Option : --

**Q.2 On which day was the National Emblem of India adopted?**

**Ans**  1. 15th August 1952

2. 26th January 1950

3. 15th August 1947

4. 26th January 1959

Question ID : **65497842309**  
Status : **Answered**  
Chosen Option : **2**

**Q.3 Who among the following became the Chief Minister of Uttarakhand in March 2021?**

**Ans**  1. Madan Kaushik

2. Tirath Singh Rawat

3. BC Khanduri

4. Dhan Singh Rawat

Question ID : **65497843112**  
Status : **Answered**  
Chosen Option : **2**

**Q.4 The allocation towards health and well-being was increased by \_\_\_\_\_ over the previous year in Union Budget 2021-22.**

**Ans**  1. 125%

2. 100%

3. 140%

4. 137%

Question ID : **65497843099**  
Status : **Not Answered**  
Chosen Option : --

**Q.5 Who among the following is the author of the book 'The Secret of the Veda'?**

**Ans**  1. Sri Aurobindo

2. Annie Besant

3. Swami Vivekananda

4. J Krishnamurti

Question ID : **65497843517**  
Status : **Answered**  
Chosen Option : **3**

**Q.6 Pneumatophores are specialised \_\_\_\_\_ in hydrophytes.**

**Ans**  1. seeds

2. roots

3. fruits

4. flowers

Question ID : **65497842293**  
Status : **Not Answered**  
Chosen Option : --

**Q.7 Which of the following days is celebrated as 'World Water Day'?**

**Ans**  1. 22 March

2. 29 March

3. 18 February

4. 5 April

Question ID : **65497843106**  
Status : **Answered**  
Chosen Option : **1**

**Q.8 Who among the following Rajput rulers defeated Muhammad Ghori in the First Battle of Tarain in 1191 AD?**

**Ans**  1. Rana Kumbha

2. Maldeo Rathore

3. Prithviraj Chauhan

4. Bappa Rawal

Question ID : **65497843515**  
Status : **Answered**  
Chosen Option : **3**

**Q.9 In which year was the 'Lotteries Regulation Act' passed?**

**Ans**  1. 1998

2. 1993

3. 1999

4. 1991

Question ID : **65497843116**  
Status : **Not Answered**  
Chosen Option : --



Q.10 A Ghatam is a \_\_\_\_\_.

- Ans  1. large, narrow-mouthed earthenware pot used as a percussion instrument
2. small handheld drum that resembles a tambourine
3. wind instrument made of wood and metal
4. percussion instrument made of leather and jackwood

Question ID : 65497842287  
Status : Not Answered  
Chosen Option : --

Q.11 Which of the following is an Indirect Tax in India?

- Ans  1. Goods and Services Tax
2. Income Tax
3. Corporation Tax
4. Capital Gains Tax

Question ID : 65497843501  
Status : Answered  
Chosen Option : 1

Q.12 Tribes of the Nicobar Islands pay their respects to the departed soul of the head of the family during the \_\_\_\_\_.

- Ans  1. Ossuary Feast
2. Jagaddhatri Puja
3. Ganjan Festival
4. Kalpataru Utsav

Question ID : 65497842389  
Status : Not Answered  
Chosen Option : --

Q.13 Which of the following statements is/are correct?

- I. Only marketed goods are considered while estimating Gross Domestic Product (GDP).
- II. The work done by a woman at her home is outside the purview of Gross Domestic Product.
- III. In estimating GDP, only final goods and services are considered.

- Ans  1. Only II and III
2. I, II and III
3. Only I and III
4. Only II

Question ID : 65497843704  
Status : Not Answered  
Chosen Option : --

Q.14 \_\_\_\_\_ was an important port city in ancient India.

- Ans  1. Tamralipti  
 2. Shravasti  
 3. Ahichhatra  
 4. Champa

Question ID : 65497842403  
Status : Not Answered  
Chosen Option : --

Q.15 \_\_\_\_\_ is reducing the degree or intensity of, or eliminating, pollution.

- Ans  1. Abatement  
 2. Aerosol  
 3. Absorption  
 4. Aeration

Question ID : 65497843104  
Status : Not Answered  
Chosen Option : --

Q.16 Which of the following teams won the Indian Super League 2020-21?

- Ans  1. Kerala Blasters FC  
 2. NorthEast United FC  
 3. ATK Mohun Bagan  
 4. Mumbai City FC

Question ID : 65497842411  
Status : Not Answered  
Chosen Option : --

Q.17 The former Spanish footballer, Antonio Lopez Habas, was the coach at the Hero ISL 2020-21 of which of the following football teams?

- Ans  1. ATK Mohun Bagan  
 2. Kerala Blasters  
 3. FC Goa  
 4. SC East Bengal

Question ID : 65497843725  
Status : Not Answered  
Chosen Option : --

Q.18 Which of the following is also known as the 'White Mountain'?

- Ans  1. Cho Oyu  
 2. Makalu  
 3. Dhaulagiri I  
 4. Lhotse

Question ID : 65497842400  
Status : Not Answered  
Chosen Option : --

Q.19 With which of the following oceans would you associate the 'Ring of Fire'?

- Ans  1. Arctic  
 2. Atlantic  
 3. Indian  
 4. Pacific

Question ID : 65497842300  
Status : Answered  
Chosen Option : 4

Q.20 Which of the following Amendments of the Constitution of India added a new fundamental duty under Article 51-A?

- Ans  1. Eighty-Fifth Amendment Act, 2001  
 2. Eighty-Sixth Amendment Act, 2002  
 3. Eighty-Eighth Amendment Act, 2003  
 4. Eighty-Seventh Amendment Act, 2003

Question ID : 65497843519  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.21 The theme for International Mother Earth Day, 2021 was '\_\_\_\_\_'.  
Ans  1. Restore our Earth  
 2. Protect our Species  
 3. Climate Action  
 4. End Plastic Pollution

Question ID : 65497842393  
Status : Not Answered  
Chosen Option : --

Q.22 In which of the following states/union territories was an election NOT held during March-April 2021?

- Ans  1. Puducherry  
 2. West Bengal  
 3. Bihar  
 4. Tamil Nadu

Question ID : 65497843720  
Status : Not Answered  
Chosen Option : --

**Q.23** The British East India Company captured Pondicherry (Puducherry) from the French in the year \_\_\_\_\_.

- Ans**  1. 1761  
 2. 1699  
 3. 1674  
 4. 1738

Question ID : 65497842301  
Status : Not Answered  
Chosen Option : --

**Q.24** According to Ramsar Convention, which of the following is World Wetlands Day?

- Ans**  1. 18th March  
 2. 15th January  
 3. 2nd February  
 4. 19th December

Question ID : 65497843711  
Status : Answered  
Chosen Option : 3

**Q.25** At least \_\_\_\_\_ of the carbon dioxide fixation on earth is carried out by algae through photosynthesis.

- Ans**  1. a quarter  
 2. a half  
 3. one-tenth  
 4. one-third

Question ID : 65497843506  
Status : Not Answered  
Chosen Option : --

**Section : Quantitative Aptitude**

**Q.1** A sold a mobile phone to B at a gain of 25% and B sold it to C at a loss of 10%. If C paid ₹5,625 for it, how much did A pay (in ₹) for the phone?

- Ans**  1. 5,000  
 2. 4,800  
 3. 4,500  
 4. 5,100

Question ID : 65497843126  
Status : Answered  
Chosen Option : 1

Q.2

The value of  $\frac{\sin 23^\circ \cos 67^\circ + \sec 52^\circ \sin 38^\circ + \cos 23^\circ \sin 67^\circ + \operatorname{cosec} 52^\circ \cos 38^\circ}{\operatorname{cosec}^2 20^\circ - \tan^2 70^\circ}$  is:

- Ans
- 1. 3
  - 2. 4
  - 3. 2
  - 4. 0

Question ID : 65497843139  
Status : Answered  
Chosen Option : 1

Q.3

A motorboat whose speed is 20 km/h in still water takes 30 minutes more to go 24 km upstream than to cover the same distance downstream. If the speed of the boat in still water is increased by 2 km/h, then how much time will it take to go 39 km downstream and 30 km upstream?

- Ans
- 1. 2 h 40 m
  - 2. 3 h 10 m
  - 3. 3 h 40 m
  - 4. 2 h 50 m

Question ID : 65497843534  
Status : Answered  
Chosen Option : 2

Q.4

AB is a diameter of a circle with centre O. A tangent is drawn at point A. C is a point on the circle such that BC produced meets the tangent at P. If  $\angle APC = 62^\circ$ , then find the measure of the minor arc AC.

- Ans
- 1.  $56^\circ$
  - 2.  $62^\circ$
  - 3.  $28^\circ$
  - 4.  $31^\circ$

Question ID : 65497842326  
Status : Answered  
Chosen Option : 3

Q.5

A can finish a piece of the work in 16 days and B can finish it in 12 days. They worked together for 4 days and then A left. B finished the remaining work. For how many total number of days did B work to finish the work completely?

- Ans
- 1. 6
  - 2. 9
  - 3. 4
  - 4. 8

Question ID : 65497843129  
Status : Answered  
Chosen Option : 2

**Q.6** A solid cube of side 8 cm is dropped into a rectangular container of length 16 cm, breadth 8 cm and height 15 cm which is partly filled with water. If the cube is completely submerged, then the rise of water level (in cm) is:

- Ans**
- 1. 2
  - 2. 6
  - 3. 5
  - 4. 4

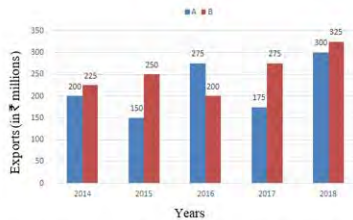
Question ID : 65497843131  
Status : Answered  
Chosen Option : 4

**Q.7** If  $(x + 6y) = 8$ , and  $xy = 2$ , where  $x > 0$ , what is the value of  $(x^3 + 216y^3)$ ?

- Ans**
- 1. 288
  - 2. 224
  - 3. 368
  - 4. 476

Question ID : 65497843132  
Status : Answered  
Chosen Option : 2

**Q.8** The following bar graph shows exports of cars of type A and B (in ₹ millions) from 2014 to 2018.



What is the ratio of the total exports of cars of type A in 2014 and 2017 to the total exports of cars of type B in 2015 and 2016?

- Ans**
- 1. 10 : 9
  - 2. 5 : 6
  - 3. 11 : 10
  - 4. 3 : 2

Question ID : 65497842840  
Status : Answered  
Chosen Option : 2

**Q.9** In a  $\Delta ABC$ , points P, Q and R are taken on AB, BC and CA, respectively, such that  $BQ = PQ$  and  $QC = QR$ . If  $\angle BAC = 75^\circ$ , what is the measure of  $\angle PQR$  (in degrees)?

- Ans**
- 1. 40
  - 2. 30
  - 3. 50
  - 4. 75

Question ID : 65497843137  
Status : Answered  
Chosen Option : 2

**Q.10** If  $4\sin^2\theta = 3(1 + \cos\theta)$ ,  $0^\circ < \theta < 90^\circ$ , then what is the value of  $(2\tan\theta + 4\sin\theta - \sec\theta)$ ?

- Ans**
- 1.  $3\sqrt{15} - 4$
  - 2.  $15\sqrt{3} - 4$
  - 3.  $15\sqrt{3} + 3$
  - 4.  $4\sqrt{15} - 3$

Question ID : 65497843542  
Status : Answered  
Chosen Option : 1

**Q.11** The lengths of the three sides of a right-angled triangle are  $(x - 1)$  cm,  $(x + 1)$  cm and  $(x + 3)$  cm, respectively. The hypotenuse of the right-angled triangle (in cm) is:

- Ans**
- 1. 6
  - 2. 10
  - 3. 12
  - 4. 7

Question ID : 65497843540  
Status : Answered  
Chosen Option : 2

**Q.12** A certain sum is deposited for 4 years at a rate of 10% per annum on compound interest compounded annually. The difference between the interest at the end of 2 years and that at the end of 4 years is ₹5,082. Find the sum (in ₹).

- Ans**
- 1. 20,000
  - 2. 25,500
  - 3. 50,820
  - 4. 10,164

Question ID : 65497842320  
Status : Answered  
Chosen Option : 1

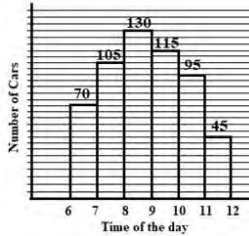
**Q.13** An item costs ₹400. During a festival sale, a company offers a sale discount that offers  $x\%$  off on its regular price along with a discount coupon of 10%. The price of the item after using both the sale discount and the discount coupon, is ₹216. What is the value of  $x$ ?

- Ans**
- 1. 25
  - 2. 40
  - 3. 30
  - 4. 35

Question ID : **65497843225**  
 Status : **Answered**  
 Chosen Option : **2**

**Q.14** The number of cars passing the road near a colony from 6 am to 12 noon has been shown in the following histogram.

What is the ratio of the number of cars passed between 6 am and 8 am to the number of cars passed between 9 am and 11 am?



- Ans**
- 1. 5 : 6
  - 2. 7 : 4
  - 3. 21 : 19
  - 4. 14 : 23

Question ID : **65497842336**  
 Status : **Answered**  
 Chosen Option : **1**

**Q.15** Monthly expenditure of a family on different heads is shown in the following pie chart.

The amount spent on Children Education, Transport and Rent is what percentage of the total earnings?

**Expenditure on different Heads**



- Ans**
- 1. 45%
  - 2. 55%
  - 3. 40%
  - 4. 50%

Question ID : **65497843748**  
 Status : **Answered**  
 Chosen Option : **4**



**Q.16** Find the greatest number 23a68b, which is divisible by 3 but NOT divisible by 9.

- Ans
- 1. 238689
  - 2. 239685
  - 3. 239688
  - 4. 237687

Question ID : 65497842413  
Status : Answered  
Chosen Option : 2

**Q.17** An equilateral triangle ABC is inscribed in a circle with centre O. D is a point on the minor arc BC and  $\angle CBD = 40^\circ$ . Find the measure of  $\angle BCD$ .

- Ans
- 1.  $30^\circ$
  - 2.  $50^\circ$
  - 3.  $20^\circ$
  - 4.  $40^\circ$

Question ID : 65497842428  
Status : Answered  
Chosen Option : 4

**Q.18** The ratio of the monthly incomes of A and B is 11 : 13 and the ratio of their expenditures is 9 : 11. If both of them manage to save ₹4,000 per month, then find the difference in their incomes (in ₹).

- Ans
- 1. 2,500
  - 2. 3,200
  - 3. 4,000
  - 4. 3,000

Question ID : 65497843531  
Status : Answered  
Chosen Option : 3

**Q.19** The average weight of P and his three friends is 55 kg. If P is 4 kg more than the average weight of his three friends, what is P's weight (in kg)?

- Ans
- 1. 54
  - 2. 58
  - 3. 62
  - 4. 60

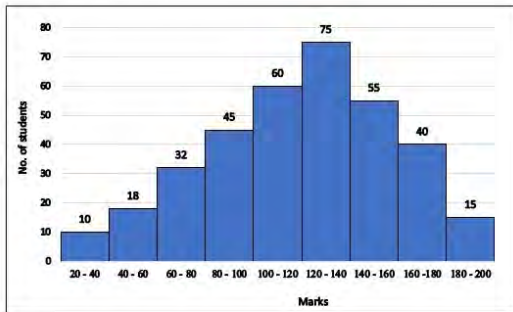
Question ID : 65497843123  
Status : Answered  
Chosen Option : 2

**Q.20** If  $x + y + 3 = 0$ , then find the value of  $x^3 + y^3 - 9xy + 9$ .

- Ans**
- 1.  $-18$
  - 2.  $-36$
  - 3.  $18$
  - 4.  $36$

Question ID : **65497843537**  
Status : **Answered**  
Chosen Option : **1**

**Q.21** The given histogram represents the marks of students in Mathematics test of a certain class. The total number of students is 350. Study the graph and answer the question that follows.



What is the ratio of the total number of students who scored 140 marks and above to the total number of students who scored marks between 60 to 120?

- Ans**
- 1.  $110 : 137$
  - 2.  $9 : 11$
  - 3.  $11 : 9$
  - 4.  $137 : 110$

Question ID : **65497843345**  
Status : **Answered**  
Chosen Option : **1**

**Q.22** The angle of elevation of the top of an unfinished tower at a point distant 78 m from its base is  $30^\circ$ . How much higher must the tower be raised (in m) so that the angle of elevation of the top of the finished tower at the same point will be  $60^\circ$ ?

- Ans**
- 1.  $78\sqrt{3}$
  - 2.  $80$
  - 3.  $52\sqrt{3}$
  - 4.  $26\sqrt{3}$

Question ID : **65497843746**  
Status : **Answered**  
Chosen Option : **3**

**Q.23** Find the value of the following expression:

$$372 \div 56 \times 7 - 5 + 2$$

**Ans**  1. 58

2.  $-2\frac{95}{98}$

3.  $43\frac{1}{2}$

4.  $2\frac{93}{98}$

Question ID : 65497843728

Status : Answered

Chosen Option : 3

**Q.24** LCM of two numbers is 56 times their HCF, with the sum of their HCF and LCM being 1710. If one of the two numbers is 240, then what is the other number?

**Ans**  1. 57

2. 171

3. 1680

4. 210

Question ID : 65497843727

Status : Answered

Chosen Option : 4

**Q.25** Some students (only boys and girls) from different schools appeared for an Olympiad exam. 20% of the boys and 15% of the girls failed the exam. The number of boys who passed the exam was 70 more than that of the girls who passed the exam. A total of 90 students failed. Find the number of students that appeared for the exam.

**Ans**  1. 420

2. 400

3. 500

4. 350

Question ID : 65497842418

Status : Answered

Chosen Option : 3

Section : English Comprehension

**Q.1 Select the option that expresses the given sentence in passive voice.**

**She handles all tasks efficiently.**

- Ans  1. All tasks are being handled efficiently by her.  
 2. All tasks were handled efficiently by her.  
 3. All tasks have been handled efficiently by her.  
 4. All tasks are handled efficiently by her.

Question ID : **65497843755**  
Status : **Answered**  
Chosen Option : **4**

**Q.2 Select the option that expresses the given sentence in active voice.**

**All weapons were surrendered by them.**

- Ans  1. They have surrendered all weapons.  
 2. They surrendered all weapons.  
 3. They had surrendered all weapons.  
 4. They are surrendering all weapons.

Question ID : **65497843554**  
Status : **Answered**  
Chosen Option : **2**

**Q.3 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.**

**The authorities are assured the people that they will look into the matter.**

- Ans  1. has assured  
 2. have assured  
 3. have been assured  
 4. No substitution required

Question ID : **65497842451**  
Status : **Answered**  
Chosen Option : **2**

**Q.4 Select the most appropriate ANTONYM of the given word.**

**Modest**

- Ans  1. Glum  
 2. Sullen  
 3. Unhappy  
 4. Conceited

Question ID : **65497842356**  
Status : **Not Answered**  
Chosen Option : **--**

**Q.5** Select the option that can be used as a one-word substitute for the given group of words.

**The study of earthquakes**

- Ans**
- 1. Geology
  - 2. Geography
  - 3. Topography
  - 4. Seismology

Question ID : **65497843571**  
Status : **Answered**  
Chosen Option : **4**

**Q.6** Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required.'

**A tigress** has given birth to a cub in the Ranthambore Tiger Reserve, taking the big cat population to 78.

- Ans**
- 1. is given births
  - 2. was birthed
  - 3. has give birth
  - 4. no substitution required

Question ID : **65497843765**  
Status : **Answered**  
Chosen Option : **4**

**Q.7** Select the most appropriate meaning of the given idiom.

**Be hard up**

- Ans**
- 1. Unable to calculate
  - 2. Have very little money
  - 3. Have difficulty in climbing stairs
  - 4. Find it very difficult to wake up early

Question ID : **65497842458**  
Status : **Answered**  
Chosen Option : **1**

**Q.8** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

**Every / curious child / want to / rip open a toy.**

- Ans**
- 1. curious child
  - 2. rip open a toy
  - 3. Every
  - 4. want to

Question ID : **65497843751**  
Status : **Answered**  
Chosen Option : **4**

**Q.9** The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

It was / the very well-directed film / and we enjoyed it.

- Ans**  1. the very well-directed film  
 2. No error  
 3. and we enjoyed it  
 4. It was

Question ID : 65497843551  
Status : Answered  
Chosen Option : 3

**Q.10** Select the INCORRECTLY spelt word.

- Ans**  1. Tutition  
 2. Circuit  
 3. Genuine  
 4. Manners

Question ID : 65497843573  
Status : Answered  
Chosen Option : 1

**Q.11** Select the option that expresses the given sentence in direct speech.

He asked me when I had booked the flight tickets.

- Ans**  1. He said to me, "When do you book the flight tickets?"  
 2. He said to me, "When did you book the flight tickets?"  
 3. He said to me, "When are you booking the flight tickets?"  
 4. He said to me, "When you had book the flight tickets?"

Question ID : 65497842349  
Status : Answered  
Chosen Option : 2

**Q.12** The following sentence has been divided into parts. One of them may contain a grammatical error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

If the economy fails / this year it reflect badly / on the government.

- Ans**  1. this year it reflect badly  
 2. No error  
 3. on the government  
 4. If the economy fails

Question ID : 65497842340  
Status : Answered  
Chosen Option : 1

**Q.13** Select the most appropriate option to fill in the blank.

The increasing concerns about climate change point to the need for enhanced efforts towards \_\_\_\_\_ sustained growth.

- Ans**  1. achieving  
 2. to achieve  
 3. achieved  
 4. achieve

Question ID : 65497843170  
Status : Answered  
Chosen Option : 1

**Q.14** Select the option that can be used as a one-word substitute for the given group of words.

To walk aimlessly

- Ans**  1. Amble  
 2. Crawl  
 3. Sprint  
 4. Slither

Question ID : 65497843168  
Status : Answered  
Chosen Option : 1

**Q.15** Select the most appropriate synonym of the given word.

ostentatious

- Ans**  1. showy  
 2. tasteful  
 3. sudden  
 4. quick

Question ID : 65497843767  
Status : Answered  
Chosen Option : 1

**Q.16** Select the most appropriate meaning of the given idiom.

In the same breath

- Ans**  1. Try and hold your breath  
 2. Say two contradictory things at the same time  
 3. Able to get a foul smell  
 4. Practice breathing exercises

Question ID : 65497842358  
Status : Answered  
Chosen Option : 2

Q.17 Select the most appropriate ANTONYM of the given word.

Raze

- Ans  1. Build  
 2. Ease  
 3. Comfort  
 4. Ruin

Question ID : 65497842456  
Status : Answered  
Chosen Option : 1

Q.18 Select the most appropriate synonym of the given word.

Retaliate

- Ans  1. Clap  
 2. react  
 3. Facilitate  
 4. Rotate

Question ID : 65497843766  
Status : Answered  
Chosen Option : 2

Q.19 Select the most appropriate synonym of the given word.

Avert

- Ans  1. Permit  
 2. Confront  
 3. Face  
 4. Prevent

Question ID : 65497843566  
Status : Not Answered  
Chosen Option : --

Q.20 The following sentence has been split into segments. One of them may contain an error. Identify the segment that contains a grammatical error. If you don't find any error, mark 'No error' as your answer.

No one were / present when I / entered the hall.

- Ans  1. No one were  
 2. present when I  
 3. No error  
 4. entered the hall

Question ID : 65497842236  
Status : Answered  
Chosen Option : 1



**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The rise in the Irrawaddy dolphin (1) \_\_\_\_\_ in Chilika can be attributed to the eviction of (2) \_\_\_\_\_ fish enclosures. After thousands of hectares of Chilika lake were made (3) \_\_\_\_\_ free, Irrawaddy dolphins found unobstructed area for movement. (4) \_\_\_\_\_, due to the COVID-19 lockdown last year, there were comparatively fewer tourist boats on Chilika lake, which made it (5) \_\_\_\_\_ for dolphins to move from one part of the lake to another.

**SubQuestion No : 21**

**Q.21** Select the most appropriate option to fill in blank no.1.

- Ans**  1. population  
 2. clan  
 3. natives  
 4. inhabitants

Question ID : 65497843152

Status : Answered

Chosen Option : 1

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The rise in the Irrawaddy dolphin (1) \_\_\_\_\_ in Chilika can be attributed to the eviction of (2) \_\_\_\_\_ fish enclosures. After thousands of hectares of Chilika lake were made (3) \_\_\_\_\_ free, Irrawaddy dolphins found unobstructed area for movement. (4) \_\_\_\_\_, due to the COVID-19 lockdown last year, there were comparatively fewer tourist boats on Chilika lake, which made it (5) \_\_\_\_\_ for dolphins to move from one part of the lake to another.

**SubQuestion No : 22**

**Q.22** Select the most appropriate option to fill in blank no.2.

- Ans**  1. unwarranted  
 2. illegal  
 3. illegitimate  
 4. unconstitutional

Question ID : 65497843153

Status : Answered

Chosen Option : 2

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The rise in the Irrawaddy dolphin (1) \_\_\_\_\_ in Chilika can be attributed to the eviction of (2) \_\_\_\_\_ fish enclosures. After thousands of hectares of Chilika lake were made (3) \_\_\_\_\_ free, Irrawaddy dolphins found unobstructed area for movement. (4) \_\_\_\_\_, due to the COVID-19 lockdown last year, there were comparatively fewer tourist boats on Chilika lake, which made it (5) \_\_\_\_\_ for dolphins to move from one part of the lake to another.

**SubQuestion No : 23**

**Q.23 Select the most appropriate option to fill in blank no.3.**

- Ans  1. trespass  
 2. confiscation  
 3. intervention  
 4. encroachment

Question ID : **65497843154**  
Status : **Not Answered**  
Chosen Option : --

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The rise in the Irrawaddy dolphin (1) \_\_\_\_\_ in Chilika can be attributed to the eviction of (2) \_\_\_\_\_ fish enclosures. After thousands of hectares of Chilika lake were made (3) \_\_\_\_\_ free, Irrawaddy dolphins found unobstructed area for movement. (4) \_\_\_\_\_, due to the COVID-19 lockdown last year, there were comparatively fewer tourist boats on Chilika lake, which made it (5) \_\_\_\_\_ for dolphins to move from one part of the lake to another.

**SubQuestion No : 24**

**Q.24 Select the most appropriate option to fill in blank no.4.**

- Ans  1. Whereas  
 2. Moreover  
 3. Nevertheless  
 4. However

Question ID : **65497843155**  
Status : **Answered**  
Chosen Option : **4**

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The rise in the Irrawaddy dolphin (1) \_\_\_\_\_ in Chilika can be attributed to the eviction of (2) \_\_\_\_\_ fish enclosures. After thousands of hectares of Chilika lake were made (3) \_\_\_\_\_ free, Irrawaddy dolphins found unobstructed area for movement. (4) \_\_\_\_\_, due to the COVID-19 lockdown last year, there were comparatively fewer tourist boats on Chilika lake, which made it (5) \_\_\_\_\_ for dolphins to move from one part of the lake to another.

**SubQuestion No : 25**

**Q.25** Select the most appropriate option to fill in blank no.5.

**Ans**  1. conducive

2. hurtful

3. detrimental

4. disturbing

Question ID : 65497843156

Status : Answered

Chosen Option : 1

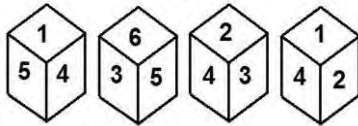
KD Job Updates

## Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate Name	
Venue Name	Pawan Ganga Educational Centre 1
Exam Date	11/04/2022
Exam Time	12:30 PM - 1:30 PM
Subject	CGLE 2021 Tier I

### Section : General Intelligence and Reasoning

**Q.1** Four different positions of the same dice are shown, the six faces of which are numbered from 1 to 6. Select the number that will be on the face opposite to the one having the number '1'.



- Ans
- 1. 6
  - 2. 2
  - 3. 4
  - 4. 3

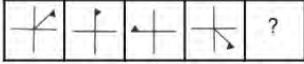
Question ID : 65497843494  
Status : Answered  
Chosen Option : 4

**Q.2** Pamila is the granddaughter of Akun who is married to Nikita. Murali is the brother-in-law of Akun who has two daughters but no son. Rahul is the cousin of Kamal and brother of Pamila. Uday and Vanmay are the sons-in-law of Nikita. Vanmay is married to Yamini and they have two daughters and one son. Uday has one son and one daughter. Tina and Smita are the daughters of Yamini. Murali is unmarried. How is Yamini related to Rahul?

- Ans
- 1. Aunt
  - 2. Mother
  - 3. Sister
  - 4. Daughter

Question ID : 65497844391  
Status : Not Answered  
Chosen Option : --

Q.3 Select the figure from among the given options that can replace the question mark (?) in the following series.

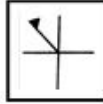


Ans

1.



2.



3.



4.



Question ID : 65497844402  
Status : Answered  
Chosen Option : 2

Q.4 Study the given matrix carefully and select the number from among the given options that can replace the question mark (?) in it.

7 13 174  
9 25 104  
11 30 ?

Ans

1. 431

2. 335

3. 100

4. 129

Question ID : 65497843085  
Status : Not Answered  
Chosen Option : --

Q.5 Select the option in which the given figure is embedded (rotation is NOT allowed).



Ans

1.



2.



3.



4.



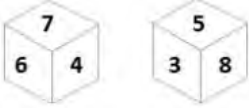
Question ID : 65497843091

Status : Answered

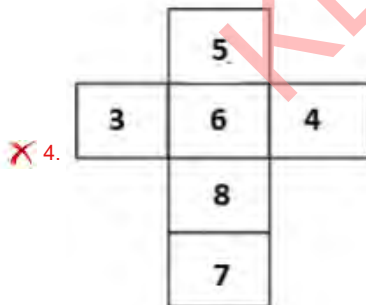
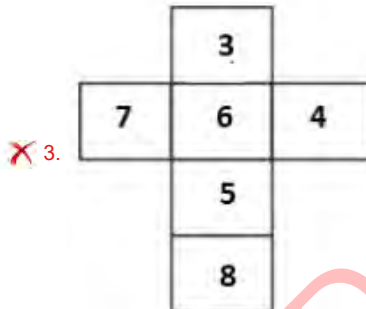
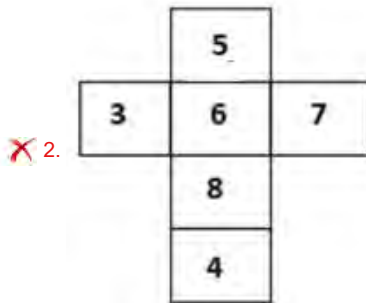
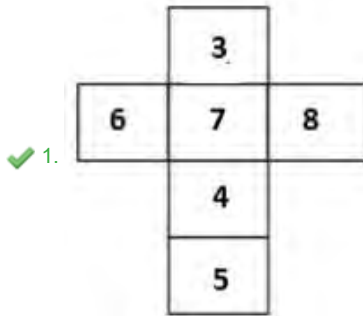
Chosen Option : 2

KD Job Updates

Q.6 Two orientations of the same box are shown. How will this box look when unfolded?



Ans



Question ID : 65497841977

Status : Not Answered

Chosen Option : --

**Q.7** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

No pink is yellow.  
No yellow is white.  
All reds are yellows.

**Conclusions:**

I. No red is pink.  
II. No red is white.  
III. No white is yellow.

- Ans**
- 1. Only conclusions I and II follow
  - 2. Only conclusions I and III follow
  - 3. Only conclusions II and III follow
  - 4. All the conclusions follow

Question ID : 65497843484

Status : Answered

Chosen Option : 4

**Q.8** Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

KYBA, FTee, AOHI, VJKO, ?, LZQA

- Ans**
- 1. PFNU
  - 2. QENU
  - 3. QEMI
  - 4. QDNI

Question ID : 65497843474

Status : Answered

Chosen Option : 2

**Q.9** In a certain code language, 'RAKHI' is coded as 36-2-22-16-18 and 'SHALU' is coded as 38-16-2-24-42. How will 'MANJU' be coded in that language?

- Ans**
- 1. 13-2-28-10-24
  - 2. 13-2-14-10-24
  - 3. 26-1-14-20-42
  - 4. 26-2-28-20-42

Question ID : 65497841964

Status : Answered

Chosen Option : 4




**Q.10** Select the option that is related to the third number in the same way as the second number is related to the first number.

23 : 441 :: 28 : ?

- Ans
- 1. 692
  - 2. 494
  - 3. 528
  - 4. 676

Question ID : 65497841972  
 Status : Answered  
 Chosen Option : 4

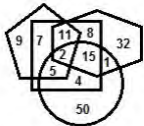
**Q.11** Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

% O V e R t H R o W & 

- Ans
- 1. % O Λ e B t H B o M &
  - 2. & W O Я H t Я e V o %
  - 3. & W o Я H t Я e V O %
  - 4. & W o Я H t Я e V O %

Question ID : 65497844405  
 Status : Answered  
 Chosen Option : 3

**Q.12** In the following Venn diagram, the hexagon stands for 'police officers', the pentagon stands for 'graduates', the circle stands for 'females', and the square stands for 'Indians'. The given numbers represent the number of persons in that particular category.



How many Indian police officers are graduates but NOT females?

- Ans
- 1. 11
  - 2. 8
  - 3. 13
  - 4. 19

Question ID : 65497843599  
 Status : Answered  
 Chosen Option : 1

Q.13 In a certain code language, MONEY is written as PRQHB.In the same code language, CREDIT will be written as:

- Ans  1. FUGHLW  
 2. FUHGLW  
 3. FUHGWL  
 4. FHGULW

Question ID : 65497844593  
Status : Answered  
Chosen Option : 2

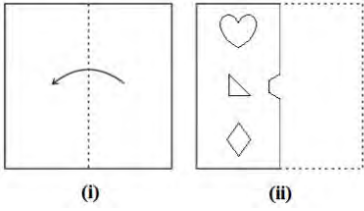
Q.14 In a certain code language, 'her father is okay' is coded as 6583, 'my father is well' is coded as 5137 and 'her arm is injured' is coded as 2839. How will 'okay' be coded in that language?

- Ans  1. 6  
 2. 8  
 3. 3  
 4. 5

Question ID : 65497843076  
Status : Answered  
Chosen Option : 1

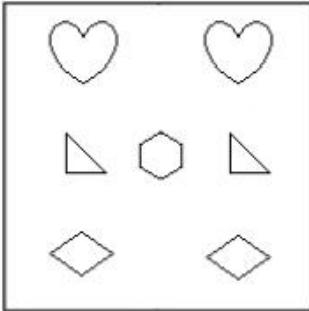
KD Job Updates

**Q.15** The sequence of folding a piece of paper (figure i) and the manner in which the folded paper has been cut (figure ii) is shown in the following figures. Select the option that would most closely resemble the unfolded form of figure (ii).

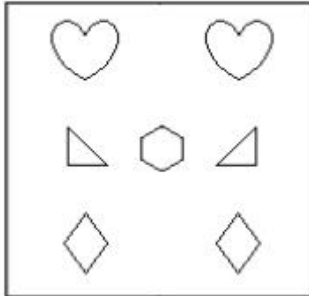


**Ans**

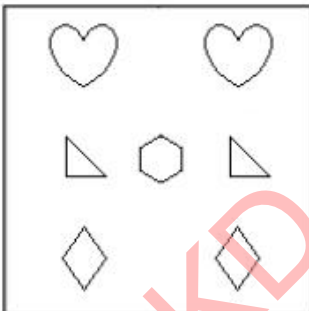
1.



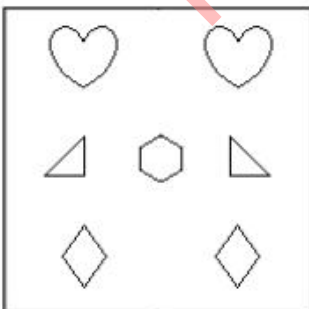
2.



3.



4.



Question ID : 65497841982  
 Status : Answered  
 Chosen Option : 2

**Q.16** Select the correct option that indicates the arrangement of the given words in a logical and meaningful order.

1. Starfish
2. Blue whale
3. Shark
4. Giant tortoise
5. Penguin

- Ans
- 1. 1, 5, 4, 2, 3
  - 2. 1, 5, 3, 2, 4
  - 3. 1, 5, 4, 3, 2
  - 4. 4, 5, 1, 3, 2

Question ID : 65497842768  
Status : Answered  
Chosen Option : 3

**Q.17** Five persons are sitting in a row facing the north. One of the two persons at the extreme ends is an introvert and the other one is an extrovert. A thin person is sitting to the immediate right of an intelligent person. A weak person is sitting to the immediate left of the extrovert person. The intelligent person is sitting exactly between the introvert and the thin persons. Which of the following persons is sitting at the centre?

- Ans
- 1. Extrovert
  - 2. Intelligent
  - 3. Weak
  - 4. Thin

Question ID : 65497844392  
Status : Not Answered  
Chosen Option : --

**Q.18** Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the one that is different.

- Ans
- 1. ZCGLS
  - 2. NQUZF
  - 3. LOSXD
  - 4. FIMRX

Question ID : 65497843072  
Status : Answered  
Chosen Option : 1

**Q.19** Select the number from among the given options that can replace the question mark (?) in the following series.

10, 14, 31, 35, 73, 77, ?

- Ans
- 1. 154
  - 2. 90
  - 3. 157
  - 4. 81

Question ID : 65497843081  
Status : Answered  
Chosen Option : 3

Q.20 Which two digits should be interchanged to make the given equation correct?

$$384 \div 16 - 72 \div 9 \times 10 = 2$$

Ans  1. 3 and 7

2. 7 and 9

3. 4 and 8

4. 6 and 9

Question ID : 65497844399

Status : Answered

Chosen Option : 2

Q.21 Select the option that is related to the third term in the same way as the second term is related to the first term.

PATELS : BQFUTM :: NECTAR : ?

Ans  1. FODUSZ

2. FOUDSB

3. FOVDBS

4. OEUDQB

Question ID : 65497843578

Status : Answered

Chosen Option : 2

Q.22 Select the number from among the given options that can replace the question mark (?) in the following series.

16, 33, 100, 401, ?

Ans  1. 1588

2. 804

3. 1235

4. 2006

Question ID : 65497843486

Status : Answered

Chosen Option : 4

Q.23 Which two numbers and which two signs should be interchanged to balance the following equation?

$$24 \div 16 - 96 + 48 \times 12 = 195$$

Ans  1. 12 and 16,  $\times$  and  $+$

2. 24 and 16,  $-$  and  $+$

3. 24 and 48,  $\times$  and  $+$

4. 12 and 48,  $\times$  and  $+$

Question ID : 65497843491

Status : Answered

Chosen Option : 1

Q.24 A side of a square-shaped park is 12 m. If a square-shaped garden with a side of 24 m is developed around the park, what will be total area of the park including the garden?

- Ans
- 1. 144 m<sup>2</sup>
  - 2. 288 m<sup>2</sup>
  - 3. 576 m<sup>2</sup>
  - 4. 324 m<sup>2</sup>

Question ID : 65497843589  
Status : Answered  
Chosen Option : 2

Q.25 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

\_ L H \_ \_ U \_ H \_ \_ U \_ H \_ N U \_ \_ E N

- Ans
- 1. U, E, N, L, E, N, L, E, L, H
  - 2. E, U, N, L, N, E, L, E, H, L
  - 3. U, E, L, E, N, N, L, H, N, E
  - 4. U, E, N, L, E, L, H, L, E, H

Question ID : 65497844596  
Status : Answered  
Chosen Option : 1

Section : General Awareness

Q.1 Makaravilakku festival is celebrated at the sacred grove of Lord Ayyappa in:

- Ans
- 1. Telangana
  - 2. Andhra Pradesh
  - 3. Karnataka
  - 4. Kerala

Question ID : 65497843500  
Status : Answered  
Chosen Option : 4

Q.2 For which of the following teams is the former Indian football captain Sunil Chhetri played in 2021?

- Ans
- 1. Chennaiyin FC
  - 2. Bengaluru FC
  - 3. NorthEast United FC
  - 4. FC Goa

Question ID : 65497843624  
Status : Answered  
Chosen Option : 3

Q.3 Which of the following was a fishing colony that was used as a port for trading with the Romans and the Greco-Romans in ancient India?

- Ans
- 1. Lothal
  - 2. Badami
  - 3. Arikamedu
  - 4. Tulapurushandana

Question ID : 65497843514  
Status : Answered  
Chosen Option : 1

Q.4 The 'Pradhan Mantri Annadata Aay SanraksHan Abhiyan' (PM-AASHA) has \_\_\_\_\_ components to rationalise the government agricultural produce price and policy for efficiency, savings by way of reduction of wastages and leakages in storage and make fiscal gains.

- Ans
- 1. five
  - 2. three
  - 3. two
  - 4. eight

Question ID : 65497844412  
Status : Answered  
Chosen Option : 1

Q.5 Musi river is a tributary of which of the following rivers?

- Ans
- 1. Yamuna
  - 2. Ganges
  - 3. Godavari
  - 4. Krishna

Question ID : 65497844419  
Status : Answered  
Chosen Option : 4

Q.6 Which of the following musical instruments did Dwaram Venkataswamy Naidu play?

- Ans
- 1. Violin
  - 2. Mandolin
  - 3. Veena
  - 4. Nadaswaram

Question ID : 65497843095  
Status : Not Answered  
Chosen Option : --

**Q.7** The Election Commission of India (ECI) is the watchdog of free and fair elections in the country and \_\_\_\_\_ of the Constitution of India provides for its establishment.

- Ans**
- 1. Article 356
  - 2. Article 324
  - 3. Article 352
  - 4. Article 101

Question ID : **65497844429**  
Status : **Answered**  
Chosen Option : **2**

**Q.8** NIP related to India's budget, which was announced in December 2019 by the Union Finance Minister of India stands for:

- Ans**
- 1. National Indigenous Project
  - 2. National Infrastructure Pipeline
  - 3. Neutral Interventions on Payments
  - 4. Negotiable Instrument Protocol

Question ID : **65497843603**  
Status : **Answered**  
Chosen Option : **2**

**Q.9** Rajeev Ram is a professional tennis player from \_\_\_\_\_

- Ans**
- 1. United States of America
  - 2. Australia
  - 3. Slovakia
  - 4. United Kingdom

Question ID : **65497843522**  
Status : **Not Answered**  
Chosen Option : **--**

**Q.10** What is the name of the compound having the formula  $\text{CH}_3\text{CH}_2\text{OH}$ ?

- Ans**
- 1. Acetic Acid
  - 2. Ethanol
  - 3. Methane
  - 4. Chloroform

Question ID : **65497843610**  
Status : **Answered**  
Chosen Option : **2**

**Q.11** Who is the author of the book, 'Poverty and Un-British Rule in India'?

- Ans**
- 1. Dadabhai Naoroji
  - 2. Shashi Tharoor
  - 3. Jairam Ramesh
  - 4. Annie Besant

Question ID : **65497843619**  
Status : **Answered**  
Chosen Option : **1**



**Q.12** Which of the following is the theme of International Day for Monuments and Sites, 2021?

- Ans**
- 1. Rural Landscapes
  - 2. Shared Culture, Shared Heritage and Shared Responsibility
  - 3. Heritage for Generations
  - 4. Complex Pasts: Diverse Futures

Question ID : **65497844425**  
Status : **Answered**  
Chosen Option : **2**

**Q.13** The Atharvaveda is a collection of \_\_\_\_\_ khandas.

- Ans**
- 1. 20
  - 2. 15
  - 3. 10
  - 4. 5

Question ID : **65497843109**  
Status : **Answered**  
Chosen Option : **1**

**Q.14** After Mahatma Gandhi's release from prison in January 1931, Congress leaders met at \_\_\_\_\_ to plan the future course of action.

- Ans**
- 1. Calcutta
  - 2. Lahore
  - 3. Allahabad
  - 4. Surat

Question ID : **65497842000**  
Status : **Answered**  
Chosen Option : **1**

**Q.15** What is the nut of an oak tree called?

- Ans**
- 1. Kola nut
  - 2. Acorn
  - 3. Macadamia
  - 4. Chestnut

Question ID : **65497841991**  
Status : **Marked For Review**  
Chosen Option : **4**

**Q.16** Which of the following compounds in petroleum can cause corrosion to parts of internal combustion engines and refineries?

- Ans**  1. Potassium  
 2. Sulphur  
 3. Sodium  
 4. Calcium

Question ID : **65497844417**  
Status : **Answered**  
Chosen Option : **2**

**Q.17** What is the percentage of rural child population to the total child population of the country in India as per Provisional Population Totals of Census 2011?

- Ans**  1. 74.05 %  
 2. 79.03%  
 3. 62.45%  
 4. 55.23%

Question ID : **65497843108**  
Status : **Not Answered**  
Chosen Option : **--**

**Q.18** Which of the following is the main cause of 'bad lands'?

- Ans**  1. Scanty rainfall  
 2. Soil erosion  
 3. Excessive forest cover  
 4. Open defecation

Question ID : **65497843511**  
Status : **Answered**  
Chosen Option : **2**

**Q.19** Which of the following statements is correct with respect to chordates?

- Ans**  1. Notochord is present  
 2. Heart is dorsal or laterally placed or absent  
 3. A post anal tail is absent  
 4. Double ventral solid nerve cord

Question ID : **65497843101**  
Status : **Not Answered**  
Chosen Option : **--**

**Q.20** The process of wastewater treatment is commonly called \_\_\_\_\_ treatment.

- Ans**  1. sewage  
 2. microbe  
 3. bacteria  
 4. pollutant

Question ID : **65497843608**  
Status : **Answered**  
Chosen Option : **1**

**Q.21** In February 2021, the Finance Minister of India announced the setting up of a Dispute Resolution Committee (DRC) for taxpayers with taxable income up to \_\_\_\_\_ and disputed income up to \_\_\_\_\_ .

- Ans**
- 1. ₹5 lakh, ₹1 lakh
  - 2. ₹50 lakh, ₹10 lakh
  - 3. ₹20 lakh, ₹5 lakh
  - 4. ₹10 lakh, ₹2 lakh

Question ID : **65497841986**  
Status : **Not Answered**  
Chosen Option : --

**Q.22** The chemical symbol of arsenic is:

- Ans**
- 1. As
  - 2. Ar
  - 3. Ac
  - 4. An

Question ID : **65497843504**  
Status : **Answered**  
Chosen Option : 1

**Q.23** Justice \_\_\_\_\_ was appointed Chief Justice of the Supreme Court of India with effect from 24th April 2021.

- Ans**
- 1. Ramayyagari Subhash Reddy
  - 2. Ajikuttira Somaiah Bopanna
  - 3. Kuttiyil Mathew Joseph
  - 4. Nuthalapati Venkata Ramana

Question ID : **65497842002**  
Status : **Answered**  
Chosen Option : 4

**Q.24** As per the Hindu Succession Act 1956, who amongst the following has the first right over the property of a Hindu woman who dies intestate?

- Ans**
- 1. Her parents
  - 2. The legal heirs of her father
  - 3. The legal heirs of her husband
  - 4. Her husband

Question ID : **65497842004**  
Status : **Answered**  
Chosen Option : 4

**Q.25** With reference to the Constituent Assembly, which of the following statements is correct?

- Ans**  1. The Constituent Assembly ratified India's membership of the Commonwealth in May 1947.
2. The Constituent Assembly adopted the National Anthem in January 1950.
3. The Constituent Assembly adopted the National Song in January 1948.
4. The Constituent Assembly adopted the National Flag in July 1949.

Question ID : 65497843117  
Status : Answered  
Chosen Option : 2

Section : Quantitative Aptitude

**Q.1** A, B and C started a business in partnership. Initially, A invested ₹29,000, while B and C invested ₹25,000 each. After 4 months, A withdrew ₹3,000. After 2 more months, C invested ₹12,000 more. Find the share of C (in ₹) in the profit of ₹33,200 at the end of the year.

- Ans**  1. 10,800
2. 10,000
3. 11,067
4. 12,400

Question ID : 65497842016  
Status : Answered  
Chosen Option : 3

**Q.2** If  $\cos(A - B) = \frac{\sqrt{3}}{2}$  and  $\sec A = 2$ ,  $0^\circ \leq A \leq 90^\circ$ ,  $0^\circ \leq B \leq 90^\circ$ , then what is the measure of B?

- Ans**  1.  $60^\circ$
2.  $0^\circ$
3.  $30^\circ$
4.  $90^\circ$

Question ID : 65497842027  
Status : Answered  
Chosen Option : 4

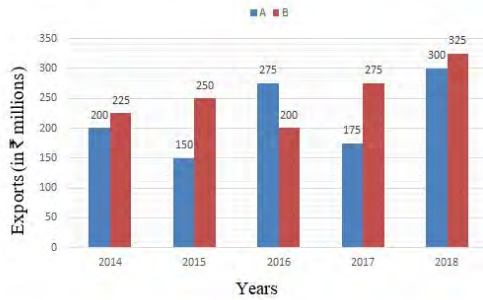
**Q.3** An alloy contains 40% of silver, 30% of copper and 30% of nickel. How much silver (in kg) should be added to 25 kg of the alloy so that the new alloy contains 50% of silver?

- Ans**  1. 5
2. 10
3. 12
4. 20

Question ID : 65497843529  
Status : Not Answered  
Chosen Option : --

**Q.4** Study the given bar graph and answer the question that follows.

The bar graph shows the exports of cars of type A and B (in ₹ millions) from 2014 to 2018.



In which year were the exports of cars of type A ₹55 million less than the average exports (per year) of cars of type B over the five years?

- Ans**
- 1. 2015
  - 2. 2014
  - 3. 2017
  - 4. 2016

Question ID : **65497844151**  
Status : **Answered**  
Chosen Option : **2**

**Q.5** The given bar graph shows exports of cars of type A and B (in ₹ millions) from 2014 to 2018. Study the graph and answer the question that follows.

Exports of Cars of Type A and B (in ₹ millions) from 2014 to 2018.



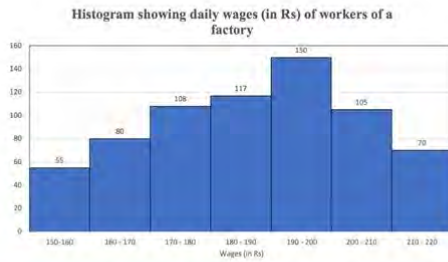
The total exports of cars of type B in 2014 to 2017 is what per cent more than the total exports of cars of type A in 2015 to 2018? (Correct to one decimal place)

- Ans**
- 1. 5.6%
  - 2. 4.9%
  - 3. 6.5%
  - 4. 7.2%

Question ID : **65497842838**  
Status : **Answered**  
Chosen Option : **1**

**Q.6** The given histogram shows the daily wages (in ₹) of workers in a factory.

Study the histogram and answer the question that follows.



The number of workers with daily wages less than ₹180 is what percentage of the number of workers with daily wages more than ₹190? Express your answer correct to one decimal place.

- Ans**
- 1. 85.6%
  - 2. 86.7%
  - 3. 75.8%
  - 4. 74.8%

Question ID : 65497843144  
Status : Answered  
Chosen Option : 4

**Q.7** In a circle with centre O, chords PR and QS meet at the point T, when produced, and PQ is a diameter. If  $\angle ROS = 42^\circ$ , then the measure of  $\angle PTQ$  is

- Ans**
- 1.  $59^\circ$
  - 2.  $58^\circ$
  - 3.  $48^\circ$
  - 4.  $69^\circ$

Question ID : 65497843539  
Status : Answered  
Chosen Option : 3

**Q.8** O is the centre of a circle with diameter 20 cm. T is a point outside the circle and TA is a tangent to a circle. If OT is = 26 cm, what is the length (in cm) of the tangent TA?

- Ans**
- 1. 20
  - 2. 26
  - 3. 24
  - 4. 18

Question ID : 65497843134  
Status : Answered  
Chosen Option : 3

Q.9 Find the value of the following expression:

$$980 \div 35 \times 16 + 4 - 2 \times 2$$

Ans

1.  $\frac{15}{2}$

2. 448

3.  $\frac{7}{4}$

4. 556

Question ID : 65497843627  
Status : Answered  
Chosen Option : 2

Q.10 What is the height (in cm) of an equilateral triangle whose each side is 8 cm?

Ans

1.  $4\sqrt{3}$

2.  $3\sqrt{2}$

3.  $4\sqrt{2}$

4.  $3\sqrt{5}$

Question ID : 65497842025  
Status : Answered  
Chosen Option : 1

Q.11 A sum invested at compound interest amounts to ₹7,800 in 3 years and ₹11,232 in 5 years. What is the rate per cent?

Ans

1. 26%

2. 20%

3. 15%

4. 18%

Question ID : 65497843128  
Status : Answered  
Chosen Option : 2

Q.12 The width of the path around a square field is 4.5 m and its area is  $105.75 \text{ m}^2$ . Find the cost of fencing the path at the rate of ₹100 per metre.

Ans

1. ₹550

2. ₹600

3. ₹275

4. ₹400

Question ID : 65497844141  
Status : Not Answered  
Chosen Option : --

**Q.13** The length and the breadth of a rectangle are made to increase and decrease, respectively, by 8% and 10%. What is the percentage increase or decrease in its area?

- Ans**
- 1. Decrease by 1.8%
  - 2. Increase by 1.8%
  - 3. Increase by 2.8%
  - 4. Decrease by 2.8%

Question ID : 65497844642  
Status : Answered  
Chosen Option : 4

**Q.14** A vertical pole and a vertical tower are on the same level of ground in such a way that from the top of the pole, the angle of elevation of the top of the tower is  $60^\circ$  and the angle of depression of the bottom of the tower is  $30^\circ$ . If the height of the tower is 76 m, then find the height (in m) of the pole.

- Ans**
- 1. 38
  - 2.  $19\sqrt{3}$
  - 3. 19
  - 4. 57

Question ID : 65497843645  
Status : Answered  
Chosen Option : 1

**Q.15** A pole 23 m long reaches a window which is  $3\sqrt{5}$  m above the ground on one side of a street. Keeping its foot at the same point, the pole is turned to the other side of the street to reach a window  $4\sqrt{15}$  m high. What is the width (in m) of the street?

- Ans**
- 1. 17
  - 2. 35
  - 3. 39
  - 4. 22

Question ID : 65497844450  
Status : Answered  
Chosen Option : 2

**Q.16** X, Y and Z can do a piece of work in 46 days, 92 days and 23 days, respectively. X started the work. Y joined him after 2 days. If Z joined them after 8 days from the beginning, then for how many days did X work?

- Ans**
- 1. 16
  - 2. 21
  - 3. 18
  - 4. 13

Question ID : 65497844442  
Status : Answered  
Chosen Option : 3



Q.17 What is the value of:

$$8\sqrt{3} \sin 30^\circ \tan 60^\circ - 3 \cos 0^\circ + 3 \sin^2 45^\circ + 2 \cos^2 30^\circ$$

- Ans
- 1. 15
  - 2. 12
  - 3. 9
  - 4. 18

Question ID : 65497844452  
Status : Answered  
Chosen Option : 2

Q.18 A car runs first 275 km at an average speed of 50 km/h and the next 315 km at an average speed of 70 km/h. What is the average speed (in km/h) for the entire journey?

- Ans
- 1. 58.5
  - 2. 60
  - 3. 59
  - 4. 62

Question ID : 65497842019  
Status : Answered  
Chosen Option : 3

Q.19 If  $(4x + 2y)^3 + (4x - 2y)^3 = 16(Ax^3 + Bxy^2)$ , then what is the value of  $\frac{1}{2}(\sqrt{A^2 + B^2})$ ?

- Ans
- 1. 8
  - 2. 3
  - 3. 5
  - 4. 7

Question ID : 65497844445  
Status : Answered  
Chosen Option : 1

Q.20 Find the greatest number which divides 108, 124 and 156, leaving the same remainder.

- Ans
- 1. 18
  - 2. 10
  - 3. 12
  - 4. 16

Question ID : 65497843626  
Status : Answered  
Chosen Option : 4

**Q.21** Monthly expenditure of a family on different heads is shown in the following pie chart. The family earns ₹1,08,000 every month.

The money (in ₹) spent on Misc. Expenses is how much more than that spent on Children Education?

Expenditure on different Heads



- Ans**
- 1. 1,800
  - 2. 1,350
  - 3. 1,500
  - 4. 1,200

Question ID : 65497843647  
Status : Answered  
Chosen Option : 3

**Q.22** The profit earned by selling an article for ₹832 is equal to the loss incurred when the article is sold for ₹448. What will be the selling price of the article if it is sold at a 10% loss?

- Ans**
- 1. ₹576
  - 2. ₹540
  - 3. ₹625
  - 4. ₹640

Question ID : 65497844439  
Status : Answered  
Chosen Option : 1

**Q.23** In the first 10 overs of a cricket game, the run rate was only 7.2. What should be the average run rate in the remaining 40 overs to reach the target of 272 runs?

- Ans**
- 1. 4
  - 2. 5
  - 3. 6
  - 4. 7

Question ID : 65497844133  
Status : Answered  
Chosen Option : 2

**Q.24** How many numbers are there from 500 to 650 (including both) which are neither divisible by 3 nor by 7?

- Ans**
- 1. 21
  - 2. 121
  - 3. 87
  - 4. 99

Question ID : **65497843524**  
Status : **Not Answered**  
Chosen Option : --

**Q.25** Simplify the following expression:

$$\frac{(a^2 - 4b^2)^3 + 64(b^2 - 4c^2)^3 + (16c^2 - a^2)^3}{(a - 2b)^3 + (2b - 4c)^3 + (4c - a)^3}$$

- Ans**
- 1.  $-(a + 2b)(b + 2c)(4c + a)$
  - 2.  $2(a + 2b)(b + 2c)(4c + a)$
  - 3.  $(a + 2b)(b + 2c)(4c + a)$
  - 4.  $4(a + 2b)(b + 2c)(4c + a)$

Question ID : **65497842022**  
Status : **Marked For Review**  
Chosen Option : 3

Section : **English Comprehension**

**Q.1** Select the **INCORRECTLY** spelt word.

- Ans**
- 1. Retort
  - 2. Retrieve
  - 3. Revange
  - 4. Return

Question ID : **65497842058**  
Status : **Answered**  
Chosen Option : 2

**Q.2** Select the correct indirect speech form of the given sentence.

Mother said, "I'm worried about your safety."

- Ans**
- 1. Mother told me that she was worried about my safety.
  - 2. Mother said she is worried about your safety.
  - 3. Mother told me that she had been worried about my safety.
  - 4. Mother said that I was worrying about your safety.

Question ID : **65497843157**  
Status : **Answered**  
Chosen Option : 1

**Q.3** Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

Of the two plans submitted by the architect, this is the one more likely to be accepted.

- Ans**
- 1. much likely
  - 2. No substitution required
  - 3. most likelihood
  - 4. most likely

Question ID : 65497843664  
Status : Answered  
Chosen Option : 2

**Q.4** Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

The first meeting of the Standing Committee will be hold next week.

- Ans**
- 1. No substitution required
  - 2. will be holding next week
  - 3. will be held next week
  - 4. will held next week

Question ID : 65497843562  
Status : Answered  
Chosen Option : 3

**Q.5** Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

- A. They can help you to decide the right products for you.
- B. Advertisements can be extremely useful if they are honest.
- C. Teenagers are especially vulnerable to such advertisements.
- D. However, some advertisements may be harmful as they try to befool you.

- Ans**
- 1. CDAB
  - 2. BADC
  - 3. BCAD
  - 4. CADB

Question ID : 65497843665  
Status : Answered  
Chosen Option : 3

**Q.6** Select the option that can be used as a one-word substitute for the given group of words.

One who supervises students in an examination hall

- Ans**
- 1. Invigilator
  - 2. Inspector
  - 3. Examinee
  - 4. Teacher

Question ID : 65497842056  
Status : Answered  
Chosen Option : 1

**Q.7 Select the most appropriate synonym of the given word.**

**Taciturn**

- Ans**  1. Verbose  
 2. Noisy  
 3. Lively  
 4. Reserved

Question ID : **65497842051**  
Status : **Answered**  
Chosen Option : **4**

**Q.8 Select the most appropriate synonym of the given word.**

**Vertical**

- Ans**  1. Upright  
 2. Equal  
 3. Parallel  
 4. Shaky

Question ID : **65497843666**  
Status : **Answered**  
Chosen Option : **1**

**Q.9 Select the most appropriate meaning of the given idiom.**

**Cake walk**

- Ans**  1. Something tasty  
 2. Something easy  
 3. Something sweet  
 4. Something enjoyable

Question ID : **65497843569**  
Status : **Answered**  
Chosen Option : **2**

**Q.10 Select the option that expresses the given sentence in passive voice.**

**Give the child a nourishing diet.**

- Ans**  1. The child is given a nourishing diet.  
 2. The child was given a nourishing diet.  
 3. The child should be given a nourishing diet.  
 4. The child must have given a nourishing diet.

Question ID : **65497842039**  
Status : **Answered**  
Chosen Option : **1**

Q.11 Select the most appropriate ANTONYM of the given word.

Tenacious

- Ans  1. Steadfast  
 2. Relentless  
 3. Persistent  
 4. Yielding

Question ID : 65497843164  
Status : Answered  
Chosen Option : 4

Q.12 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

We stayed / in Jim's flat / during he was / on holiday.

- Ans  1. on holiday  
 2. during he was  
 3. in Jim's flat  
 4. We stayed

Question ID : 65497842742  
Status : Answered  
Chosen Option : 2

Q.13 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

He allowed / his son to drive / but he warn him / of the danger.

- Ans  1. but he warn him  
 2. of the danger  
 3. He allowed  
 4. his son to drive

Question ID : 65497842036  
Status : Answered  
Chosen Option : 1

Q.14 Select the option that gives the most appropriate meaning of the underlined idiom.

The Chairman of our company takes care of the rank and file in the company.

- Ans  1. Ordinary people  
 2. Documents and files  
 3. Only the top rank people  
 4. Officers

Question ID : 65497843166  
Status : Answered  
Chosen Option : 1

**Q.15** The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Did you baked / the chocolate cake / yourself this time?

- Ans**  1. Did you baked  
 2. No error  
 3. yourself this time  
 4. the chocolate cake

Question ID : 65497844459  
Status : Answered  
Chosen Option : 1

**Q.16** Select the most appropriate option to fill in the blank.

Global warming or climate change has today become a major \_\_\_\_\_ to mankind.

- Ans**  1. penalty  
 2. punishment  
 3. threat  
 4. endanger

Question ID : 65497844483  
Status : Answered  
Chosen Option : 3

**Q.17** Select the most appropriate ANTONYM of the given word.

**ROUGH**

- Ans**  1. Coarse  
 2. Crude  
 3. Smooth  
 4. Thick

Question ID : 65497843567  
Status : Answered  
Chosen Option : 3

**Q.18** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Do you / recall to meet / her at the party / last night?

- Ans**  1. last night  
 2. her at the party  
 3. Do you  
 4. recall to meet

Question ID : 65497843148  
Status : Answered  
Chosen Option : 3

**Q.19** Select the option that can be used as a one-word substitute for the given group of words.

Walk or move at a slow, relaxed pace

- Ans  1. Amble  
 2. Strut  
 3. Romp  
 4. Prance

Question ID : 65497844481  
Status : Answered  
Chosen Option : 2

**Q.20** Select the option that expresses the given sentence in passive voice.

She gifted me a beautiful handbag.

- Ans  1. I am gifted a beautiful handbag by her.  
 2. I am being gifted a beautiful handbag by her.  
 3. I was gifted a beautiful handbag by her.  
 4. I have been gifted a beautiful handbag by her.

Question ID : 65497843654  
Status : Answered  
Chosen Option : 3

**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of alternatives given. Select the most appropriate option for each blank.

The importance of physical exercise in (1) \_\_\_\_\_ the incidence of heart attacks cannot be under estimated. The rise of heart attacks has been attaining (2) \_\_\_\_\_ proportion in recent times causing grave concern specially to the medical (3) \_\_\_\_\_. Walking is the best mode of physical exercise which (4) \_\_\_\_\_ no equipment, money, material or (5) \_\_\_\_\_ of a club.

**SubQuestion No : 21**

**Q.21** Select the most appropriate option to fill in blank number 1.

- Ans  1. increasing  
 2. emphasising  
 3. minimising  
 4. maximising

Question ID : 65497844465  
Status : Answered  
Chosen Option : 3



**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of alternatives given. Select the most appropriate option for each blank.

The importance of physical exercise in (1) \_\_\_\_\_ the incidence of heart attacks cannot be under estimated. The rise of heart attacks has been attaining (2) \_\_\_\_\_ proportion in recent times causing grave concern specially to the medical (3) \_\_\_\_\_. Walking is the best mode of physical exercise which (4) \_\_\_\_\_ no equipment, money, material or (5) \_\_\_\_\_ of a club.

**SubQuestion No : 22**

**Q.22 Select the most appropriate option to fill in blank number 2.**

- Ans  1. low  
 2. capacious  
 3. soothing  
 4. alarming

Question ID : 65497844466  
Status : Answered  
Chosen Option : 2

**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of alternatives given. Select the most appropriate option for each blank.

The importance of physical exercise in (1) \_\_\_\_\_ the incidence of heart attacks cannot be under estimated. The rise of heart attacks has been attaining (2) \_\_\_\_\_ proportion in recent times causing grave concern specially to the medical (3) \_\_\_\_\_. Walking is the best mode of physical exercise which (4) \_\_\_\_\_ no equipment, money, material or (5) \_\_\_\_\_ of a club.

**SubQuestion No : 23**

**Q.23 Select the most appropriate option to fill in blank number 3.**

- Ans  1. creed  
 2. class  
 3. fraternity  
 4. persons

Question ID : 65497844467  
Status : Answered  
Chosen Option : 2

**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of alternatives given. Select the most appropriate option for each blank.

The importance of physical exercise in (1) \_\_\_\_\_ the incidence of heart attacks cannot be under estimated. The rise of heart attacks has been attaining (2) \_\_\_\_\_ proportion in recent times causing grave concern specially to the medical (3) \_\_\_\_\_. Walking is the best mode of physical exercise which (4) \_\_\_\_\_ no equipment, money, material or (5) \_\_\_\_\_ of a club.

**SubQuestion No : 24**

**Q.24 Select the most appropriate option to fill in blank number 4.**

- Ans  1. loses  
 2. gains  
 3. requires  
 4. finds

Question ID : 65497844468  
Status : Answered  
Chosen Option : 3

**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of alternatives given. Select the most appropriate option for each blank.

The importance of physical exercise in (1) \_\_\_\_\_ the incidence of heart attacks cannot be under estimated. The rise of heart attacks has been attaining (2) \_\_\_\_\_ proportion in recent times causing grave concern specially to the medical (3) \_\_\_\_\_. Walking is the best mode of physical exercise which (4) \_\_\_\_\_ no equipment, money, material or (5) \_\_\_\_\_ of a club.

**SubQuestion No : 25**

**Q.25 Select the most appropriate option to fill in blank number 5.**

- Ans**  1. correlation  
 2. membership  
 3. exemption  
 4. scholarship

Question ID : **65497844469**  
Status : **Answered**  
Chosen Option : **2**

KD Job Updates

## Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ 2 Hathipur
Exam Date	11/04/2022
Exam Time	4:00 PM - 5:00 PM
Subject	CGLE 2021 Tier I

### Section : General Intelligence and Reasoning

**Q.1** Which two signs should be interchanged to make the given equation correct?

$$32 + 24 \times 4 \div 16 - 64 = 90$$

- Ans
- 1. + and ×
  - 2. + and –
  - 3. + and +
  - 4. + and ×

Question ID : 65497843188  
Status : Answered  
Chosen Option : 2

**Q.2** Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the one that is different.

- Ans
- 1. RCN
  - 2. UFQ
  - 3. YJB
  - 4. EPA

Question ID : 65497842971  
Status : Marked For Review  
Chosen Option : 3

**Q.3** If 90% of a number is 621, what will be 50% of 20% of that number?

- Ans
- 1. 79
  - 2. 54
  - 3. 74
  - 4. 69

Question ID : 65497842377  
Status : Answered  
Chosen Option : 4

Q.4 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

5 g s d f n c K



Ans

- 1. K c n f b a g 5
- 2. K c n f p a g a
- 3. K c n f b a g a
- 4. K c n f b a g a

Question ID : 65497842991

Status : Answered

Chosen Option : 4

Q.5 In a certain code language, 'do or die' is written as 'su ru ko', 'let us do it' is written as 'ko mo yo zu' and 'this or that' is written as 'ga tu ru'. How will 'die' be written in that language?

Ans

- 1. su
- 2. ru
- 3. ku
- 4. ko

Question ID : 65497842975

Status : Answered

Chosen Option : 1

Q.6 'A % B' means 'A is the sister of B'.  
'A \$ B' means 'A is the brother of B'.  
'A @ B' means 'A is the son of B'.  
'A & B' means 'A is the mother of B'.  
If 'R % T & Z \$ S @ V @ C % Y', then which of the following statements is NOT correct?

Ans

- 1. C is the paternal grandmother of Z.
- 2. V is the father of Z.
- 3. T is the daughter of C.
- 4. T is the mother of S.

Question ID : 65497842977

Status : Answered

Chosen Option : 3

**Q.7** In a certain code language, 'SANCTION' is written as 'TZOBUHPM'. How will 'TELEVISION' be written in that language?

- Ans**
- 1. UDNDWGTF
  - 2. SFKGUHRD
  - 3. UDMDUHTF
  - 4. UDMDWHTD

Question ID : **65497843175**  
Status : **Answered**  
Chosen Option : **4**

**Q.8** Reeta is standing facing south-east. First, she turns  $135^\circ$  clockwise. After that, she turns  $90^\circ$  anticlockwise. Then she turns  $45^\circ$  clockwise, followed by a  $135^\circ$  anticlockwise turn. In which direction is she facing now?

- Ans**
- 1. East
  - 2. North-east
  - 3. South-east
  - 4. South

Question ID : **65497843997**  
Status : **Answered**  
Chosen Option : **1**

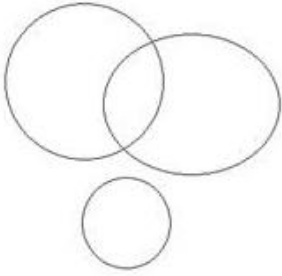
KD Job Updates

**Q.9** Select the Venn diagram that best represents the relationship between the following.

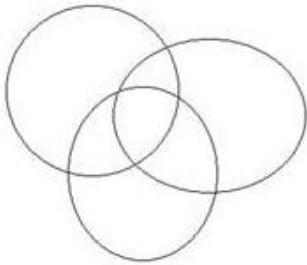
Doctors, Married, Females

**Ans**

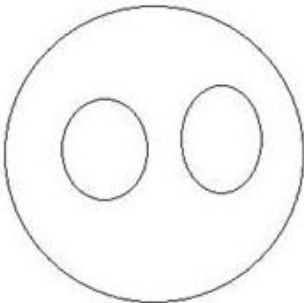
1.



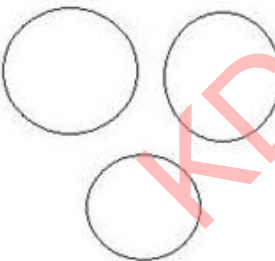
2.



3.

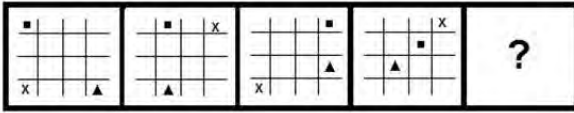


4.



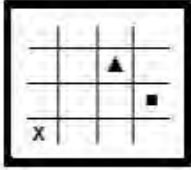
Question ID : 65497842387  
Status : Answered  
Chosen Option : 2

**Q.10** Select the figure from among the given options that can replace the question mark (?) in the following series.

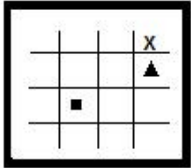


**Ans**

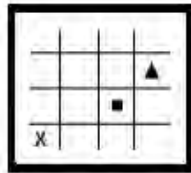
1.



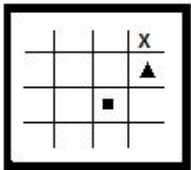
2.



3.



4.



Question ID : 65497842988  
 Status : Answered  
 Chosen Option : 3

**Q.11** Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Junketeered
2. Junction
3. Junketers
4. Junketeering
5. Junctures

**Ans**

1. 2, 5, 4, 3, 1

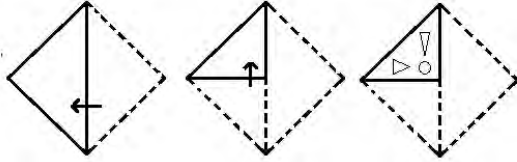
2. 1, 4, 2, 3, 5

3. 2, 5, 1, 4, 3

4. 2, 5, 3, 1, 4

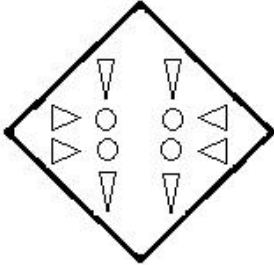
Question ID : 65497844606  
 Status : Answered  
 Chosen Option : 3

**Q.12** The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?

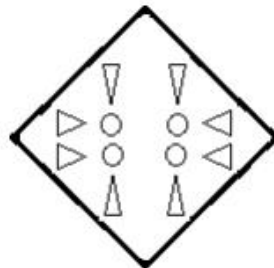


**Ans**

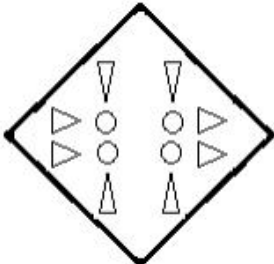
1.



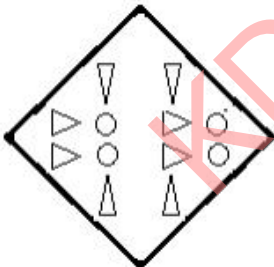
2.



3.



4.



Question ID : **65497844002**  
 Status : **Answered**  
 Chosen Option : **2**



**Q.13** Six houses, A, B, C, D, E and F, are situated in a colony. D is 60 m south of E. F is 40 m south of B. A is 30 m north of E. F is 50 m east of A. C is 50 m west of B. Find the location of C with reference to A.

- Ans**
- 1. 30 m east
  - 2. 50 m north
  - 3. 40 m north
  - 4. 40 m south

Question ID : **65497842978**  
Status : **Answered**  
Chosen Option : **3**

**Q.14** Study the given matrix carefully and select the number from among the given options that can replace the question mark (?) in it.

6 18 42  
5 15 ?  
7 36 61

- Ans**
- 1. 30
  - 2. 53
  - 3. 25
  - 4. 45

Question ID : **65497842984**  
Status : **Not Attempted and Marked For Review**  
Chosen Option : **--**

**Q.15** Select the number from among the given options that can replace the question mark (?) in the following series.

17, 16, 32, 29, 116, ?

- Ans**
- 1. 121
  - 2. 111
  - 3. 71
  - 4. 81

Question ID : **65497843183**  
Status : **Answered**  
Chosen Option : **2**

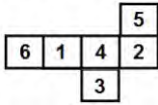
**Q.16** Select the option in which the two numbers are related in the same way as are the two numbers of the following number-pair.

14 : 450

- Ans**
- 1. 31 : 961
  - 2. 30 : 902
  - 3. 22 : 490
  - 4. 18 : 722

Question ID : **65497843992**  
Status : **Answered**  
Chosen Option : **4**

**Q.17** A cube is made by folding the given sheet. In the cube so formed, which number will be on the face opposite to the face having the number '1'?



- Ans**
- 1. 6
  - 2. 3
  - 3. 2
  - 4. 4

Question ID : 65497843191  
Status : Answered  
Chosen Option : 3

**Q.18** Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

PDK : QFN :: SJQ : ?

- Ans**
- 1. ULS
  - 2. TLT
  - 3. TMS
  - 4. UNT

Question ID : 65497842366  
Status : Answered  
Chosen Option : 2

**Q.19** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

- Some printers are coolers.
- No cooler is a telephone.
- All machines are telephones.

**Conclusions:**

- I. Some printers are machines.
- II. No machine is a cooler.

- Ans**
- 1. Only conclusion II follows
  - 2. Only conclusion I follows
  - 3. Neither conclusion I nor II follows
  - 4. Both the conclusions follow

Question ID : 65497843181  
Status : Answered  
Chosen Option : 1

Q.20 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

KMTC, EVOM, OQXG, IZSQ, ?

- Ans  1. SUCL  
 2. SVCK  
 3. TVBK  
 4. SUBK

Question ID : 65497843171  
Status : Answered  
Chosen Option : 4

Q.21 Select the option that is embedded in the given figure (X) (rotation is NOT allowed).



(X)

- Ans  1.
- 2.
- 3.
- 4.

Question ID : 65497842990  
Status : Marked For Review  
Chosen Option : 4

Q.22 If 'A' denotes 'addition', 'B' denotes 'multiplication', 'C' denotes 'subtraction' and 'D' denotes 'division', then what will be the value of the following expression?

8 B (4 A 5) C (99 A 27) D 14 A 5 B (112 D 16)

- Ans  1. 85  
 2. 98  
 3. 107  
 4. 116

Question ID : 65497842985  
Status : Answered  
Chosen Option : 2

Q.23 Select the number from among the given options that can replace the question mark (?) in the following series.

45, 68, 99, ?, 187, 246, 313

Ans  1. 140

2. 117

3. 166

4. 105

Question ID : 65497842980

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.24 In a certain code language, 'TURKEY' is written as '76911525'. How will 'BREATH' be written in that language?

Ans  1. 218526208

2. 259221208

3. 259221197

4. 251841208

Question ID : 65497843984

Status : Answered

Chosen Option : 2

Q.25 Select the combination of letters that when sequentially placed in the blanks of the given series, will complete the series.

S P \_ \_ P S T S \_ \_ S P S \_

Ans  1. P S S P P S S

2. T S S P T S S

3. S T S P S T T

4. P S T S P T T

Question ID : 65497843178

Status : Answered

Chosen Option : 3

Section : General Awareness

Q.1 \_\_\_\_\_ is the first woman hockey player to receive the Rajiv Gandhi Khel Ratna Award.

Ans  1. Rani Rampal

2. Vandana Katariya

3. Nikki Pradhan

4. Sharmila Devi

Question ID : 65497842412

Status : Not Answered

Chosen Option : --

Q.2 In which of the following Indian states will you find the Buxa Fort?

- Ans  1. Odisha  
 2. Karnataka  
 3. West Bengal  
 4. Tamil Nadu

Question ID : 65497843008  
Status : Marked For Review  
Chosen Option : 3

Q.3 \_\_\_\_\_ refers to a sanitation system in which toilets collect human excreta in sealable, removable cartridges that are transported to treatment facilities.

- Ans  1. Ecological sanitation  
 2. Container-Based sanitation  
 3. Community-led total sanitation  
 4. Dry sanitation

Question ID : 65497843000  
Status : Answered  
Chosen Option : 2

Q.4 Who among the following is the author of the book 'Social Harmony'?

- Ans  1. HD Deve Gowda  
 2. PV Narsimha Rao  
 3. Narendra Modi  
 4. Manmohan Singh

Question ID : 65497843011  
Status : Answered  
Chosen Option : 4

Q.5 The number of deaths during the first 28 completed days of life per 1000 live births in a given year or period is defined as \_\_\_\_\_.

- Ans  1. neonatal mortality rate  
 2. age-specific mortality rate  
 3. crude mortality rate  
 4. infant mortality rate

Question ID : 65497843005  
Status : Answered  
Chosen Option : 4

**Q.6** As per the Union Budget 2021-22, the government plans to continue on the path of fiscal consolidation, achieving a fiscal deficit level below 4.5% of GDP by \_\_\_\_\_.

- Ans**
- 1. 2023-24
  - 2. 2022-23
  - 3. 2024-25
  - 4. 2025-26

Question ID : **65497842998**  
Status : **Not Answered**  
Chosen Option : --

**Q.7** Odisha has set \_\_\_\_\_ as the target year for providing 100% functional household tap water connections in every rural household.

- Ans**
- 1. 2023-24
  - 2. 2024-25
  - 3. 2025-26
  - 4. 2022-23

Question ID : **65497842396**  
Status : **Answered**  
Chosen Option : 2

**Q.8** Justice NV Ramana, appointed as the 48th Chief Justice of India, hails from which of the following states?

- Ans**
- 1. Karnataka
  - 2. Maharashtra
  - 3. Kerala
  - 4. Andhra Pradesh

Question ID : **65497844022**  
Status : **Answered**  
Chosen Option : 1

**Q.9** Why is water fluoridation, which is the controlled adjustment of fluoride to public water supply, done?

- Ans**
- 1. To prevent tooth decay
  - 2. To prevent eye disease
  - 3. To prevent bone disease
  - 4. To prevent vitamin deficiency

Question ID : **65497843003**  
Status : **Answered**  
Chosen Option : 1

**Q.10** As per the Economic Survey 2020–21, net FPI (Foreign Portfolio Investment) recorded an all-time monthly high of US\$9.8 billion in \_\_\_\_\_.

- Ans**
- 1. October 2020
  - 2. December 2020
  - 3. September 2020
  - 4. November 2020

Question ID : **65497842391**  
Status : **Not Answered**  
Chosen Option : --

**Q.11** Which of the following cities will be known as 'the sports city of India' from February 2021?

- Ans**
- 1. Gurugram
  - 2. Hyderabad
  - 3. Ahmedabad
  - 4. Bengaluru

Question ID : **65497843219**  
Status : **Answered**  
Chosen Option : 1

**Q.12** Which bank is referred to as 'The lender of last resort'?

- Ans**
- 1. Central Bank
  - 2. State Bank
  - 3. Dena Bank
  - 4. World Bank

Question ID : **65497844006**  
Status : **Answered**  
Chosen Option : 1

**Q.13** How many female members were part of the Constituent Assembly that framed the Constitution of India?

- Ans**
- 1. 12
  - 2. 10
  - 3. 14
  - 4. 15

Question ID : **65497843016**  
Status : **Not Answered**  
Chosen Option : --

Q.14 The pilgrimage sites of Nasik, Triyambak and Bhadrachalam lie on the banks of which of the following rivers?

- Ans  1. Krishna  
 2. Godavari  
 3. Narmada  
 4. Brahmaputra

Question ID : 65497843007  
Status : Answered  
Chosen Option : 2

Q.15 Which of the following is an example of monosaccharides?

A. Fructose B. Sucrose C. Starch D. Glucose

- Ans  1. Only B  
 2. Both A and D  
 3. Both B and C  
 4. Only C

Question ID : 65497842398  
Status : Marked For Review  
Chosen Option : 2

Q.16 The efforts of Siddhendra Yogi have brought glory to the dance form called \_\_\_\_\_.

- Ans  1. Bharatanatyam  
 2. Mohiniyattam  
 3. Kuchipudi  
 4. Kathakali

Question ID : 65497842994  
Status : Not Answered  
Chosen Option : --

Q.17 A \_\_\_\_\_ tank is an underground chamber made of concrete, fiberglass, or plastic through which domestic wastewater (sewage) flows for basic treatment.

- Ans  1. soap  
 2. pressure  
 3. flush  
 4. septic

Question ID : 65497843201  
Status : Answered  
Chosen Option : 4



Q.18 The idea of having a provision for a Bicameral Parliament in the Constitution of India was borrowed from the \_\_\_\_\_ Constitution.

- Ans
- 1. French
  - 2. Canadian
  - 3. British
  - 4. Irish

Question ID : 65497843015  
Status : Answered  
Chosen Option : 2

Q.19 Splashing the mud and racing across the fields, the roaring buffalos raced by a man are typical sights for which of the following festivals of Karnataka?

- Ans
- 1. Mahamastakabhisheka
  - 2. Pattadakal
  - 3. Kambala
  - 4. Karaga

Question ID : 65497843197  
Status : Answered  
Chosen Option : 3

Q.20 Poor sanitation conditions may NOT be the likely reason behind which of the following diseases/conditions?

- Ans
- 1. Typhoid
  - 2. Cholera
  - 3. Arthritis
  - 4. Polio

Question ID : 65497844011  
Status : Marked For Review  
Chosen Option : 3

Q.21 Which of the following statements is/are correct regarding the mountains?

- I- Mountains may be arranged in a line known as range.
- II-The Aravali range in India is one of the oldest fold mountain systems in the world.
- III- Mt. Kilimanjaro in South America is an example of Volcanic Mountain

- Ans
- 1. Only I and II
  - 2. Only II
  - 3. I, II and III
  - 4. Only I

Question ID : 65497843208  
Status : Answered  
Chosen Option : 1

**Q.22** The Right of Children to Free and Compulsory Education Act 2009 is an Act of Parliament which came into force in:

- Ans**
- 1. 2012
  - 2. 2011
  - 3. 2009
  - 4. 2010

Question ID : **65497844024**  
Status : **Marked For Review**  
Chosen Option : **2**

**Q.23** \_\_\_\_\_ was conferred the honorary rank of General of the Nepali Army in November 2020.

- Ans**
- 1. Air Chief Marshal RKS Bhadauria
  - 2. General MM Naravane
  - 3. General Bipin Rawat
  - 4. Admiral Karambir Singh

Question ID : **65497842407**  
Status : **Answered**  
Chosen Option : **2**

**Q.24** Which two kings fought in the Battle of Hydaspes?

- Ans**
- 1. Chandragupta and Dhana Nanda
  - 2. Alexander and Porus
  - 3. Ashoka and Mahapadmanabha
  - 4. Mihirakula and Yasodharman

Question ID : **65497843211**  
Status : **Answered**  
Chosen Option : **2**

**Q.25** Under which of the following rulers did Delhi first become a capital?

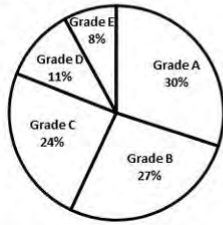
- Ans**
- 1. Chauhans of Ajmer
  - 2. Iltutmish Dynasty
  - 3. Khilji Dynasty
  - 4. Tomara Rajputs

Question ID : **65497844020**  
Status : **Answered**  
Chosen Option : **2**

Section : **Quantitative Aptitude**

**Q.1** Performance of 1800 students in grades has been shown in the following pie chart.

In which two grades taken together is the number of students 54 less than the number of students in grades B and E taken together?



- Ans**
- 1. C and E
  - 2. B and D
  - 3. A and E
  - 4. C and D

Question ID : 65497842435  
Status : Answered  
Chosen Option : 3

**Q.2** The average of 52, 71, 43, 22, a, and b is 55 and the average of 42, 45, 49, 51, 42, c, and d is 53. What is the average of a, b, c, and d?

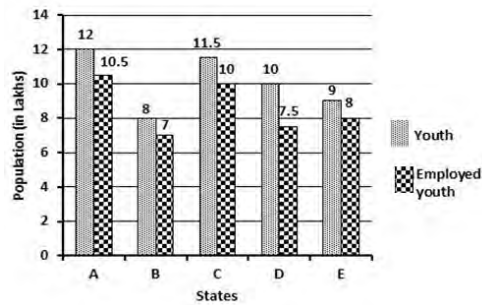
- Ans**
- 1. 54.7
  - 2. 71
  - 3. 54
  - 4. 142

Question ID : 65497844032  
Status : Answered  
Chosen Option : 4

KD Job Updates

**Q.3** The following bar graph shows the total number of youth (in lakhs) and the number of employed youth (in lakhs) in 5 states A, B, C, D and E.

Which state has the maximum number of unemployed youth?



- Ans**
- 1. D
  - 2. B
  - 3. E
  - 4. A

Question ID : 65497842232  
 Status : Answered  
 Chosen Option : 1

**Q.4** If  $x = 4 + \sqrt{15}$ , what is the value of  $(x^2 + \frac{1}{x^2})$ ?

- Ans**
- 1. 48
  - 2. 54
  - 3. 72
  - 4. 62

Question ID : 65497843031  
 Status : Answered  
 Chosen Option : 4

**Q.5** A person sold an article at a loss of 18%. Had he sold it for ₹960 more, he would have gained 12%. If the article is sold for ₹3,840, then how much is the profit percentage?

- Ans**
- 1. 15%
  - 2. 24%
  - 3. 20%
  - 4. 21%

Question ID : 65497843025  
 Status : Answered  
 Chosen Option : 3

**Q.6** In  $\triangle LMN$ , the bisectors of  $\angle L$  and  $\angle N$  intersect at an angle of  $112^\circ$ . What is the measure (in degrees) of  $\angle M$ ?

- Ans**
- 1. 62
  - 2. 60
  - 3. 44
  - 4. 72

Question ID : 65497843036  
Status : Answered  
Chosen Option : 3

**Q.7** A boatman can row his boat in still water at a speed of 9 km/h. He can also row 44 km downstream and 35 km upstream in 9 hours. How much time (in hours) will he take to row 33 km downstream and 28 km upstream?

- Ans**
- 1. 7
  - 2. 5
  - 3. 6
  - 4. 8

Question ID : 65497844039  
Status : Answered  
Chosen Option : 1

**Q.8** In  $\triangle ACD$ , B and E are two points on side AC and AD respectively, such that BE is parallel to CD. CD = 9 cm, BE = 6 cm, AB = 5 cm and ED = 2 cm. What are the measures of the lengths (in cm) of AE and BC?

- Ans**
- 1. 4, 2.5
  - 2. 3, 4
  - 3. 4, 3
  - 4. 2.5, 4

Question ID : 65497844045  
Status : Answered  
Chosen Option : 1

**Q.9** A kite is attached to a string. Find the length of the string (in m) when the height of the kite is 90 m and the string makes an angle of  $30^\circ$  with the ground.

- Ans**
- 1. 180
  - 2.  $90\sqrt{3}$
  - 3. 45
  - 4.  $60\sqrt{3}$

Question ID : 65497842433  
Status : Answered  
Chosen Option : 1

**Q.10** The reduction of 15% in the price of salt enables a person to buy 2 kg more for ₹272. The reduced price of salt per kg (in ₹) is:

- Ans**
- 1. 20.40
  - 2. 22.16
  - 3. 24.25
  - 4. 25.00

Question ID : 65497844235

Status : **Not Attempted and Marked For Review**

Chosen Option : --

**Q.11** If p is the third proportional to 8, 20 and q is the fourth proportional to 3, 5, 24, then find the value of  $(2p + q)$ .

- Ans**
- 1. 140
  - 2. 126
  - 3. 90
  - 4. 104

Question ID : 65497844036

Status : **Answered**

Chosen Option : 1

**Q.12** A sum of money was borrowed and paid back in two equal annual instalments of ₹980, allowing 4% compound interest. The sum (in ₹, to the nearest tens) borrowed was:

- Ans**
- 1. 1,850
  - 2. 1,960
  - 3. 1,760
  - 4. 2,050

Question ID : 65497843027

Status : **Answered**

Chosen Option : 1

**Q.13** Two circles touch each other externally at T. RS is a direct common tangent to the two circles touching the circles at P and Q.  $\angle TPQ = 42^\circ$ .  $\angle PQT$  (in degrees) is:

- Ans**
- 1. 48
  - 2. 45
  - 3. 42
  - 4. 60

Question ID : 65497843236

Status : **Answered**

Chosen Option : 1

Q.14 If  $\sec A = \frac{17}{8}$ , given that  $A < 90^\circ$ , what is the value of the following?  $\frac{34 \sin A + 15 \cot A}{68 \cos A - 16 \tan A}$

- Ans
- 1. 23
  - 2. 19
  - 3. 30
  - 4. 38

Question ID : 65497843038  
Status : Answered  
Chosen Option : 2

Q.15 AB is the diameter of a circle with centre O. C and D are two points on the circumference of the circle on either side of AB, such that  $\angle CAB = 42^\circ$  and  $\angle ABD = 57^\circ$ . What is difference (in degrees) between the measures of  $\angle CAD$  and  $\angle CBD$ ?

- Ans
- 1. 105 and 75
  - 2. 75 and 105
  - 3. 81 and 99
  - 4. 99 and 81

Question ID : 65497843033  
Status : Answered  
Chosen Option : 2

Q.16 If  $a^2 + b^2 + c^2 = 6.25$  and  $(ab + bc + ca) = 0.52$ , what is the value of  $(a + b + c)$ , if  $(a + b + c) < 0$ ?

- Ans
- 1.  $\pm 2.7$
  - 2. -2.7
  - 3. -2.8
  - 4.  $\pm 2.8$

Question ID : 65497844042  
Status : Answered  
Chosen Option : 1

Q.17 What is the greatest number by which when 156, 181 and 331 are divided, the remainder is 6 in each case?

- Ans
- 1. 26
  - 2. 17
  - 3. 25
  - 4. 13

Question ID : 65497842414  
Status : Answered  
Chosen Option : 3

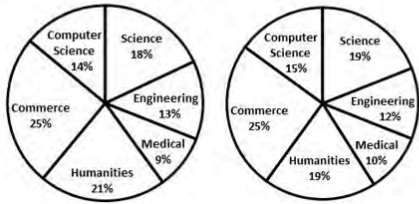
**Q.18** A can finish a piece of work in 48 days and B can finish it in 60 days. They work together for 12 days and then A goes away. In how much time (in days and hours) will B finish 25% of the remaining work?

- Ans**
- 1. 6 days 4 hours
  - 2. 8 days 8 hours
  - 3. 6 days 6 hours
  - 4. 8 days 6 hours

Question ID : **65497843028**  
Status : **Answered**  
Chosen Option : **4**

**Q.19** The following pie-charts show the number of students studying in different departments of an institute during the academic years 2019 and 2020. The total number of students was 2000 and 2400 in academic years 2019 and 2020, respectively.

What is the percentage increase or decrease in the number of students of Engineering in 2020 as compared to 2019? (correct to 2 decimal places)



Academic year 2019

Academic year 2020

- Ans**
- 1. 10.55%
  - 2. 11.77%
  - 3. 10.77%
  - 4. 10.25%

Question ID : **65497843749**  
Status : **Answered**  
Chosen Option : **3**

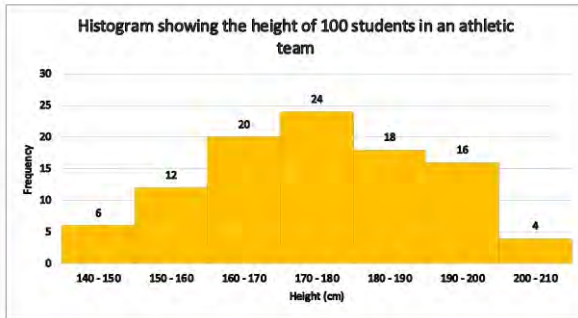
**Q.20** A 35 cm high bucket in the form of a frustum is full of water. Radii of its lower and upper ends are 12 cm and 18 cm, respectively. If water from this bucket is poured in a cylindrical drum, whose base radius is 20 cm, then what will be the height of water (in cm) in the drum?

- Ans**
- 1. 16.25
  - 2. 18.25
  - 3. 19.95
  - 4. 20.50

Question ID : **65497844040**  
Status : **Not Answered**  
Chosen Option : **--**



**Q.21** Study the given histogram that shows the height (in cm) of 100 students in an athletic team and answer the question that follows.



Express the number of students with height less than 170 cm as the percentage (correct to one decimal place) of the number of students with height more than 160 cm.

- Ans**
- 1. 46.3%
  - 2. 73.5%
  - 3. 29.1%
  - 4. 53.7%

Question ID : 65497843043  
Status : Answered  
Chosen Option : 1

**Q.22** If  $\tan^2 A + 2\tan A - 63 = 0$  Given that  $0 < A < \frac{\pi}{2}$  what is the value of  $(2\sin A + 5\cos A)$ ?

- Ans**
- 1.  $19\sqrt{50}$
  - 2.  $15\sqrt{50}$
  - 3.  $\frac{19}{\sqrt{50}}$
  - 4.  $\frac{15}{\sqrt{50}}$

Question ID : 65497844047  
Status : Answered  
Chosen Option : 3

**Q.23** In a manufacturing unit, it was noted that the price of raw material has increased by 25% and the labour cost has gone up from 30% of the cost of raw material to 38% of the cost of the raw material. What percentage of the consumption of raw material be reduced to keep the cost the same as that before the increase?

- Ans**
- 1. 20.7%
  - 2. 30.2%
  - 3. 24.6%
  - 4. 25.5%

Question ID : 65497843226  
Status : Not Answered  
Chosen Option : --

**Q.24** If the 7-digit number  $x8942y4$  is divisible by 56, what is the value of  $(x^2 + y)$  for the largest value of  $y$ , where  $x$  and  $y$  are natural numbers?

- Ans
- 1. 33
  - 2. 44
  - 3. 55
  - 4. 70

Question ID : 65497843221  
Status : Not Answered  
Chosen Option : --

**Q.25** Simplify the following expression:

$$\frac{3\frac{1}{2} + 5\frac{1}{3} \div 1\frac{1}{3} \times 5\frac{1}{4} - 5\frac{1}{2}}{1\frac{1}{2} \times 1\frac{2}{3} - 6\frac{1}{2}} \div 7 \times 2$$

- Ans
- 1.  $\frac{13}{147}$
  - 2.  $29\frac{9}{32}$
  - 3.  $-1\frac{5}{14}$
  - 4.  $-\frac{5}{28}$

Question ID : 65497842415  
Status : Answered  
Chosen Option : 3

Section : English Comprehension

**Q.1** Select the option that expresses the given sentence in active voice.

How many candidates had been interviewed by him before lunch?

- Ans
- 1. How many candidates has he interviewed before lunch?
  - 2. How many candidates did he interview before lunch?
  - 3. How many candidates had he interviewed before lunch?
  - 4. How many candidates was he interviewing before lunch?

Question ID : 65497844059  
Status : Answered  
Chosen Option : 2

**Q.2** Select the most appropriate synonym of the given word.

**Smooth**

- Ans**  1. Flat  
 2. Uneven  
 3. Rough  
 4. Broken

Question ID : **65497842454**  
Status : **Answered**  
Chosen Option : **1**

**Q.3** Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

The student apologised the teacher for the delay in submitting the assignment.

- Ans**  1. No substitution required  
 2. is apologising the teacher  
 3. apologised to the teacher  
 4. has apologised the teacher

Question ID : **65497843259**  
Status : **Answered**  
Chosen Option : **3**

**Q.4** Select the option that expresses the given sentence in indirect speech.

She said, "The stars are shining brightly tonight."

- Ans**  1. She said the stars are shining brightly tonight.  
 2. She said that the stars were shining brightly that night.  
 3. She said the stars were shining brightly tonight.  
 4. She asked if the stars were shining brightly that night.

Question ID : **65497843056**  
Status : **Answered**  
Chosen Option : **2**

**Q.5** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The recently hike / in the price of petroleum products / will hit / household budgets severely.

- Ans**  1. will hit  
 2. The recently hike  
 3. household budgets severely  
 4. in the price of petroleum products

Question ID : **65497843651**  
Status : **Answered**  
Chosen Option : **2**

**Q.6** Select the most appropriate option to fill in the blank.

Their idea of a holiday \_\_\_\_\_ at a luxury resort.

- Ans
- 1. is relax
  - 2. is relaxed
  - 3. is to relaxing
  - 4. is relaxing

Question ID : 65497843069  
Status : Answered  
Chosen Option : 4

**Q.7** Given below are four jumbled sentences. Select the option that gives their correct order.

- A. Our amusements have little zest if we engage in them in solitude.
- B. Friendship increases happiness and diminishes misery.
- C. It doubles our joys and divides our grief.
- D. When we do well, it is delightful to have friends who are pleased with our success.

- Ans
- 1. BCDA
  - 2. ABDC
  - 3. CBAD
  - 4. DACB

Question ID : 65497842453  
Status : Marked For Review  
Chosen Option : 2

**Q.8** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Your name / precedes before mine / in the / admission list.

- Ans
- 1. Your name
  - 2. in the
  - 3. precedes before mine
  - 4. admission list

Question ID : 65497843047  
Status : Answered  
Chosen Option : 3

**Q.9** Select the option that gives the most appropriate meaning of the underlined idiom.

I am working on too many projects. I think I have bitten off more than I can chew.

- Ans
- 1. Not able to finish work
  - 2. To take on more than one can handle
  - 3. To be happy to multitask
  - 4. To find work dull

Question ID : 65497843065  
Status : Answered  
Chosen Option : 2

Q.10 Select the most appropriate synonym of the given word.

Imminent

- Ans  1. Unyielding  
 2. Ignorant  
 3. Impending  
 4. Distant

Question ID : 65497844071  
Status : Answered  
Chosen Option : 4

Q.11 Select the option that can be used as a one-word substitute for the given group of words.

A sound that cannot be heard

- Ans  1. Inedible  
 2. Inaudible  
 3. Indelible  
 4. Audible

Question ID : 65497844076  
Status : Answered  
Chosen Option : 2

Q.12 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

Computer crime have been in the news since the nineteen eighties.

- Ans  1. has been in the news from  
 2. has been on the news since  
 3. has been in the news since  
 4. No substitution required

Question ID : 65497842452  
Status : Answered  
Chosen Option : 3

Q.13 Select the option that can be used as a one-word substitute for the given group of words.

A glass container to keep fish

- Ans  1. Aquarium  
 2. Atrium  
 3. Beaker  
 4. Vase

Question ID : 65497843067  
Status : Answered  
Chosen Option : 1

Q.14 Select the option that expresses the given sentence in active voice.

Trumpets are being blown by the soldiers to announce the victory.

- Ans
- 1. The soldiers were blowing the trumpets to announce the victory.
  - 2. The soldiers blow the trumpets to announce the victory.
  - 3. The soldiers are blowing the trumpets to announce the victory.
  - 4. The soldiers blew the trumpets to announce the victory.

Question ID : 65497842442  
Status : Answered  
Chosen Option : 3

Q.15 Select the option that gives the most appropriate meaning of the underlined idiom.

It is good to take into account all the important factors before making a decision.

- Ans
- 1. leave
  - 2. select
  - 3. control
  - 4. consider

Question ID : 65497843266  
Status : Answered  
Chosen Option : 4

Q.16 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

No sooner did / the child start crying / then the mother / hugged him.

- Ans
- 1. No sooner did
  - 2. then the mother
  - 3. hugged him
  - 4. the child start crying

Question ID : 65497844056  
Status : Answered  
Chosen Option : 2

Q.17 Select the most appropriate ANTONYM of the given word.

Camaraderie

- Ans
- 1. Dislike
  - 2. Amity
  - 3. Companionship
  - 4. Friendship

Question ID : 65497843063  
Status : Answered  
Chosen Option : 1

**Q.18** Select the most appropriate **ANTONYM** of the given word.

**Criticise**

- Ans**  1. Disappoint  
 2. Forgive  
 3. Prevent  
 4. Praise

Question ID : **65497843264**  
Status : **Answered**  
Chosen Option : **4**

**Q.19** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

It is not worth / having the trouble / to write to him / as he never replies.

- Ans**  1. as he never replies  
 2. to write to him  
 3. It is not worth  
 4. having the trouble

Question ID : **65497842640**  
Status : **Marked For Review**  
Chosen Option : **4**

**Q.20** Select the correctly spelt word.

- Ans**  1. Weird  
 2. Cansel  
 3. Recieve  
 4. Prepair

Question ID : **65497844078**  
Status : **Answered**  
Chosen Option : **1**

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

How should one read a story to a child? Usually, a personality or character of the story (1) \_\_\_\_\_ the child's interest the most. (2) \_\_\_\_\_, use different voices (3) \_\_\_\_\_ each character or act out various (4) \_\_\_\_\_ from the story, to bring life to those characters. (5) \_\_\_\_\_ out parts from the story will make story sessions fun and memorable for the kids.

**SubQuestion No : 21**

**Q.21** Select the most appropriate option to fill in blank number 1.

- Ans**  1. caught  
 2. catch  
 3. catches  
 4. has caught

Question ID : **65497843051**  
Status : **Answered**  
Chosen Option : **3**

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

How should one read a story to a child? Usually, a personality or character of the story (1) \_\_\_\_\_ the child's interest the most. (2) \_\_\_\_\_, use different voices (3) \_\_\_\_\_ each character or act out various (4) \_\_\_\_\_ from the story, to bring life to those characters. (5) \_\_\_\_\_ out parts from the story will make story sessions fun and memorable for the kids.

**SubQuestion No : 22**

**Q.22 Select the most appropriate option to fill in blank number 2.**

- Ans  1. Either  
 2. So  
 3. Also  
 4. However

Question ID : 65497843052  
Status : Answered  
Chosen Option : 1

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

How should one read a story to a child? Usually, a personality or character of the story (1) \_\_\_\_\_ the child's interest the most. (2) \_\_\_\_\_, use different voices (3) \_\_\_\_\_ each character or act out various (4) \_\_\_\_\_ from the story, to bring life to those characters. (5) \_\_\_\_\_ out parts from the story will make story sessions fun and memorable for the kids.

**SubQuestion No : 23**

**Q.23 Select the most appropriate option to fill in blank number 3.**

- Ans  1. for  
 2. by  
 3. with  
 4. from

Question ID : 65497843053  
Status : Answered  
Chosen Option : 1

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

How should one read a story to a child? Usually, a personality or character of the story (1) \_\_\_\_\_ the child's interest the most. (2) \_\_\_\_\_, use different voices (3) \_\_\_\_\_ each character or act out various (4) \_\_\_\_\_ from the story, to bring life to those characters. (5) \_\_\_\_\_ out parts from the story will make story sessions fun and memorable for the kids.

**SubQuestion No : 24**

**Q.24 Select the most appropriate option to fill in blank number 4.**

- Ans  1. pages  
 2. sheets  
 3. parts  
 4. words

Question ID : 65497843054  
Status : Answered  
Chosen Option : 3



**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

How should one read a story to a child? Usually, a personality or character of the story (1) \_\_\_\_\_ the child's interest the most. (2) \_\_\_\_\_, use different voices (3) \_\_\_\_\_ each character or act out various (4) \_\_\_\_\_ from the story, to bring life to those characters. (5) \_\_\_\_\_ out parts from the story will make story sessions fun and memorable for the kids.

**SubQuestion No : 25**

**Q.25 Select the most appropriate option to fill in blank number 5.**

- Ans**  1. Saying  
 2. Acting  
 3. Telling  
 4. Asking

Question ID : **65497843055**  
Status : **Answered**  
Chosen Option : **2**

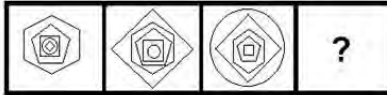
KD Job Updates

## Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ Aluva
Exam Date	12/04/2022
Exam Time	9:00 AM - 10:00 AM
Subject	CGLE 2021 Tier I

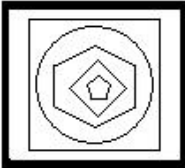
### Section : General Intelligence and Reasoning

**Q.1** Select the figure from among the given options that can replace the question mark (?) in the following series.

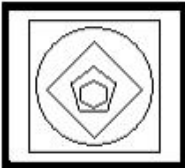


Ans

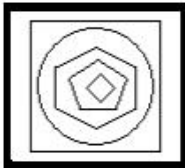
✗ 1.



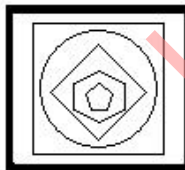
✗ 2.



✗ 3.



✓ 4.



Question ID : 65497843392

Status : Answered

Chosen Option : 4

**Q.2** Select the option that is related to the third number in the same way as the second number is related to the first number.

52 : 91 :: 72 : ?

- Ans
- 1. 98
  - 2. 126
  - 3. 109
  - 4. 138

Question ID : 65497844295  
Status : Answered  
Chosen Option : 2

**Q.3** If the signs '+' and '÷' are interchanged, then which of the following equations can be correctly balanced?

- Ans
- 1.  $12 + 4 - 8 + 3 = 11$
  - 2.  $24 - 12 + 6 + 3 = 20$
  - 3.  $16 + 4 \times 8 + 3 = 45$
  - 4.  $22 + 11 \times 8 + 3 = 19$

Question ID : 65497843289  
Status : Answered  
Chosen Option : 4

**Q.4** In a certain code language, 'your attention please' is written as 'puw cuw zuw', 'kind attention' is written as 'muw zuw', and 'please pay attention' is written as 'puw zuw ruw'. How will 'pay' be written in that language?

- Ans
- 1. puw
  - 2. zuw
  - 3. ruw
  - 4. cuw

Question ID : 65497843581  
Status : Answered  
Chosen Option : 3

**Q.5** Select the option that is related to the third term in the same way as the second term is related to the first term.

FRONTIER : GSNOUHDS :: CLOSING : ?

- Ans
- 1. DMNTHOH
  - 2. BMPTHOH
  - 3. DMNRHLH
  - 4. DKNTJOH

Question ID : 65497843477  
Status : Answered  
Chosen Option : 1

**Q.6** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

All fruits are leaves.  
Some mangoes are rotten.  
All rotten are fruits.

**Conclusions:**

I. Some leaves are rotten.  
II. Some mangoes are fruits.  
III. All leaves are either rotten or mangoes.

- Ans**
- 1. All the conclusions follow
  - 2. Only conclusions II and III follow
  - 3. Only conclusion II follows
  - 4. Only conclusions I and II follow

Question ID : 65497843282  
Status : Answered  
Chosen Option : 4

**Q.7** Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

C \_ B N \_ \_ V \_ \_ H C \_ B \_ H

- Ans**
- 1. VCBHNVN
  - 2. HVCNBVN
  - 3. VHCBNVN
  - 4. VHBNCHV

Question ID : 65497844589  
Status : Answered  
Chosen Option : 3

**Q.8** Select the number from among the given options that can replace the question mark (?) in the following series.

16, 35, ?, 217, 653, 1309

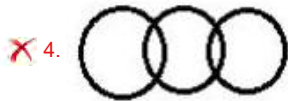
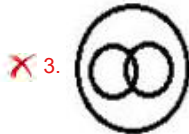
- Ans**
- 1. 72
  - 2. 128
  - 3. 77
  - 4. 107

Question ID : 65497843284  
Status : Answered  
Chosen Option : 4

Q.9 Select the Venn diagram that best illustrates the relationship between the following classes.

Planets, Mars, Venus

Ans



Question ID : 65497843498  
Status : Answered  
Chosen Option : 2

Q.10 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

Ans  1. TVYCH

2. NPSWB

3. UWZBI

4. ACFJO

Question ID : 65497843577  
Status : Answered  
Chosen Option : 3

Q.11 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

c x Y L R g b |  
P  
Q

Ans

1. d 6 Я 7 Y x c

2. d p R g L Y x c

3. p g R g L Y x c

4. d p R g L Y x c

Question ID : 65497843395  
Status : Answered  
Chosen Option : 2

Q.12 'A # B' means 'A is the father of B'.  
'A % B' means 'A is the mother of B'.  
'A @ B' means 'A is the sister of B'.  
'A & B' means 'A is the son of B'.  
If 'G # M # T % S @ H & R & W @ U', then which of the following statements is NOT correct?

- Ans
- 1. G is the paternal grandfather of T.
  - 2. W is the maternal grandmother of H.
  - 3. R is the husband of T.
  - 4. M is the maternal grandfather of S.

Question ID : 65497843381  
Status : Answered  
Chosen Option : 2

Q.13 Select the correct option that indicates the arrangement of the given course of actions in a logical and meaningful order.

1. Open email account
2. Compose email
3. Start computer
4. Enter email address
5. Write the content
6. Send the mail

- Ans
- 1. 3, 1, 2, 4, 5, 6
  - 2. 2, 5, 1, 3, 4, 6
  - 3. 3, 2, 6, 1, 5, 4
  - 4. 3, 1, 2, 6, 5, 4

Question ID : 65497844627  
Status : Answered  
Chosen Option : 1

Q.14 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

HDMS, OVVI, VNEY, CFNO, ?

- Ans
- 1. JYWF
  - 2. JXWE
  - 3. KXWE
  - 4. JXXF

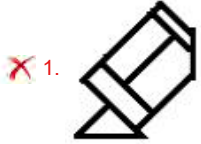
Question ID : 65497843272  
Status : Marked For Review  
Chosen Option : 2

Q.15 Select the option that is NOT embedded in the given figure (X) (rotation is NOT allowed).



(X)

Ans



Question ID : 65497843596

Status : Marked For Review

Chosen Option : 3

Q.16 A is 25 years younger than B. The age of B would be double the age of C after 15 years. The current age of B is three times the current age of C. What is the current age of A?

Ans  1. 25 years

2. 20 years

3. 15 years

4. 30 years

Question ID : 65497843488

Status : Answered

Chosen Option : 2

Q.17 Eight north-facing restaurants named P, Q, R, S, T, U, V and W are located in a straight line. S is second to the left of T. W is third to the left of P. T is between P and V. S is third to the left of V. W is to the immediate right of U. R is third to the right of P. Who is sitting fourth to the right of S?

Ans  1. U

2. W

3. R

4. V

Question ID : 65497843382

Status : Marked For Review

Chosen Option : 3

**Q.18** Study the given pattern carefully and select the number from among the given options that can replace the question mark (?) in it.

11 15 9  
14 16 ?  
75 31 88

Ans  1. 13

2. 22

3. 18

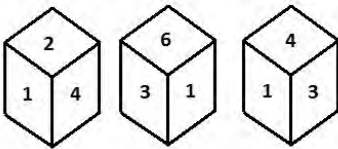
4. 25

Question ID : 65497843590

Status : Answered

Chosen Option : 1

**Q.19** Three different positions of the same dice are shown, the six faces of which are numbered from 1 to 6. Select the number that will be on the face opposite to the face having the number '5'.



Ans  1. 3

2. 1

3. 6

4. 2

Question ID : 65497843292

Status : Answered

Chosen Option : 2

**Q.20** Srinija walked 9 km towards the west from her home, then turned towards the south and walked 11 km. Then she walked 13 km towards the east, and finally walked 4 km towards the west. How far is Srinija from her initial position?

Ans  1. 11 km

2. 15 km

3. 13 km

4. 10 km

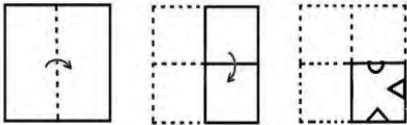
Question ID : 65497844300

Status : Answered

Chosen Option : 1

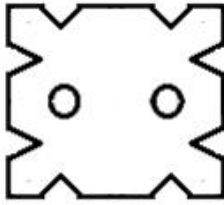


**Q.21** The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?

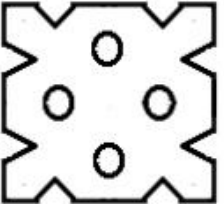


**Ans**

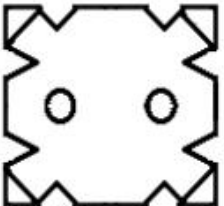
✓ 1.



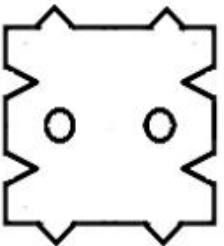
✗ 2.



✗ 3.



✗ 4.



Question ID : 65497844305  
 Status : Answered  
 Chosen Option : 1

**Q.22** Select the number from among the given options that can replace the question mark (?) in the following series.

62, 74, 80, 86, 95, ?, 158

**Ans**

✗ 1. 100

✗ 2. 108

✗ 3. 122

✓ 4. 113

Question ID : 65497843586  
 Status : Not Answered  
 Chosen Option : --

Q.23 In a code language, SOUP is written as TNVO. How will BOWL be written in that language?

- Ans
- 1. CPVM
  - 2. ANVK
  - 3. APVM
  - 4. CNXK

Question ID : 65497844586  
Status : Answered  
Chosen Option : 4

Q.24 If A denotes 'addition', B denotes 'multiplication', C denotes 'subtraction', and D denotes 'division', then what will be the value of the following expression?

46 C (6 A 7) B 5 A 24 D 6 B (27 D (9 D 3))

- Ans
- 1. 21
  - 2. 17
  - 3. 39
  - 4. 65

Question ID : 65497843389  
Status : Marked For Review  
Chosen Option : 2

Q.25 In a code language, if PEN is written as 17717, then how will CAP be written in the same language?

- Ans
- 1. 4319
  - 2. 2320
  - 3. 4219
  - 4. 2319

Question ID : 65497844287  
Status : Answered  
Chosen Option : 1

Section : General Awareness

Q.1 The Nobel Prize in Literature 2020 was awarded to \_\_\_\_\_.

- Ans
- 1. Olga Tokarczuk
  - 2. Kazuo Ishiguro
  - 3. Louise Gluck
  - 4. Peter Handke

Question ID : 65497844325  
Status : Marked For Review  
Chosen Option : 4

**Q.2 Who among the following was elected as the President of the Asian Cricket Council (ACC) in January 2021?**

- Ans**
- 1. Sachin Tendulkar
  - 2. Sourav Ganguly
  - 3. Anurag Thakur
  - 4. Jay Shah

Question ID : **65497843415**  
Status : **Marked For Review**  
Chosen Option : **4**

**Q.3 Which of the following is NOT a part of a flower?**

- Ans**
- 1. Stamen
  - 2. Petiole
  - 3. Sepal
  - 4. Pistil

Question ID : **65497843302**  
Status : **Answered**  
Chosen Option : **2**

**Q.4 As a part of Mission Sagar-IV, Indian Naval Ship Jalashwa arrived at Port Anjouan, Comoros on 14 March 2021 to deliver 1,000 metric tonnes of:**

- Ans**
- 1. rice
  - 2. tea
  - 3. sugar
  - 4. wheat

Question ID : **65497843518**  
Status : **Marked For Review**  
Chosen Option : **1**

**Q.5 Which of the following diseases CANNOT be prevented by vaccination?**

- Ans**
- 1. Rabies
  - 2. Beri beri
  - 3. Typhoid
  - 4. Measles

Question ID : **65497843407**  
Status : **Answered**  
Chosen Option : **2**

**Q.6 Which law of Newton provides a quantitative definition of force?**

- Ans**
- 1. Universal law of gravitation
  - 2. Second law of motion
  - 3. First law of motion
  - 4. Third law of motion

Question ID : **65497843606**  
Status : **Answered**  
Chosen Option : **2**

Q.7 The foul smell from a body specially during a sultry summer is due to the action of \_\_\_\_\_ on sweat.

- Ans
- 1. melanin
  - 2. moisture
  - 3. bacteria
  - 4. virus

Question ID : 65497843509  
Status : Answered  
Chosen Option : 3

Q.8 Who among the following first argued that in the face of high deficits, people save more?

- Ans
- 1. Amartya Sen
  - 2. Esther Duflo
  - 3. Adam Smith
  - 4. David Ricardo

Question ID : 65497844309  
Status : Not Answered  
Chosen Option : --

Q.9 Which of the following Harappan sites is in Haryana?

- Ans
- 1. Kalibangan
  - 2. Lothal
  - 3. Rakhigarhi
  - 4. Dholavira

Question ID : 65497844323  
Status : Marked For Review  
Chosen Option : 3

Q.10 The value of the Gross Domestic Product (GDP) of India is published by PIB in \_\_\_\_\_.

- Ans
- 1. US Dollar
  - 2. Yen
  - 3. Yuan
  - 4. Indian Rupee

Question ID : 65497843502  
Status : Marked For Review  
Chosen Option : 1

**Q.11** Approximately how much percentage (nearest to integer) of total water on the surface of earth is accounted for by the oceans?

- Ans  1. 96  
 2. 97  
 3. 94  
 4. 92

Question ID : **65497843409**  
Status : **Marked For Review**  
Chosen Option : 1

**Q.12** As per the Union Budget of 2021-22, how many textile parks are to be set up in 3 years?

- Ans  1. Eight  
 2. Six  
 3. Five  
 4. Seven

Question ID : **65497843402**  
Status : **Marked For Review**  
Chosen Option : 4

**Q.13** Ozone is an allotrope of \_\_\_\_\_.

- Ans  1. carbon dioxide  
 2. oxygen  
 3. hydrogen  
 4. nitrogen

Question ID : **65497844314**  
Status : **Answered**  
Chosen Option : 2

**Q.14** Who among the following athletes was appointed as the Deputy Superintendent of Police by the Assam Government in February 2021?

- Ans  1. Deepika Kumari  
 2. Ekta Bhyan  
 3. Dutee Chand  
 4. Hima Das

Question ID : **65497843320**  
Status : **Answered**  
Chosen Option : 4

**Q.15** Which of the following cities won the hosting rights of the 2030 Asian Games in December 2020?

- Ans**
- 1. Jakarta
  - 2. Doha
  - 3. Seoul
  - 4. Shanghai

Question ID : **65497843523**  
Status : **Not Answered**  
Chosen Option : --

**Q.16** The Deomali is the highest mountain peak of \_\_\_\_\_.

- Ans**
- 1. Assam
  - 2. West Bengal
  - 3. Bihar
  - 4. Odisha

Question ID : **65497843613**  
Status : **Marked For Review**  
Chosen Option : 1

**Q.17** Who among the following was a ruler of the Rashtrakuta dynasty?

- Ans**
- 1. Kanishka
  - 2. Samudragupta
  - 3. Dhruva
  - 4. Ashoka

Question ID : **65497843614**  
Status : **Answered**  
Chosen Option : 3

**Q.18** Which of the following is a UNESCO recognised dance form?

- Ans**
- 1. Bhangra
  - 2. Dalkhai
  - 3. Kalbelia
  - 4. Giddha

Question ID : **65497843600**  
Status : **Marked For Review**  
Chosen Option : 3

**Q.19** Which of the following environment events is observed by switching off all lights at homes, business establishments, landmarks and so on for an hour?

- Ans**
- 1. World Environment Day
  - 2. Earth Hour
  - 3. Earth Charter
  - 4. Earth Day

Question ID : **65497843507**  
Status : **Marked For Review**  
Chosen Option : 4

**Q.20** Which of the following Amendments of the Constitution of India declared that the Parliament has the power to abridge or take away any of the Fundamental Rights under Article 368 and such an Act, will NOT be a law under the meaning of Article 13?

- Ans**
- 1. Twenty-third Amendment
  - 2. Twentieth Amendment
  - 3. Twenty-fourth Amendment
  - 4. Twenty-eighth Amendment

Question ID : **65497843419**  
Status : **Not Answered**  
Chosen Option : --

**Q.21** Me-Dum-Me-Phi is an ancestor-worship festival celebrated in the state of \_\_\_\_\_.

- Ans**
- 1. Madhya Pradesh
  - 2. Himachal Pradesh
  - 3. Assam
  - 4. Goa

Question ID : **65497843298**  
Status : **Marked For Review**  
Chosen Option : **3**

**Q.22** Which of the following crops is described as – ‘It is a crop which is used both as food and fodder. It is a Kharif crop that requires temperature between 21°C to 27°C and grows well in old alluvial soil’?

- Ans**
- 1. Sesamum
  - 2. Maize
  - 3. Bajra
  - 4. Ragi

Question ID : **65497843309**  
Status : **Marked For Review**  
Chosen Option : **2**

**Q.23** Who among the following presidents of India gave assent to the 100th Amendment of the Constitution of India?

- Ans**
- 1. Pranab Mukherjee
  - 2. Ram Nath Kovind
  - 3. APJ Abdul Kalam
  - 4. Pratibha Devisingh Patil

Question ID : **65497844327**  
Status : **Marked For Review**  
Chosen Option : **1**

**Q.24** During the rule of which of the following dynasties did Timur or Tamerlane invade India in 1398 AD?

- Ans**
- 1. The Slave dynasty
  - 2. The Sayyad dynasty
  - 3. The Tughlaq dynasty
  - 4. The Khilji dynasty

Question ID : **65497843312**  
Status : **Marked For Review**  
Chosen Option : **3**

**Q.25** The Government of National Capital Territory of Delhi (Amendment) Bill, 2021, which was passed in March 2021 amended the Government of National Capital Territory of Delhi Act, \_\_\_\_\_.

- Ans**
- 1. 1998
  - 2. 1994
  - 3. 1996
  - 4. 1991

Question ID : **65497843622**  
Status : **Answered**  
Chosen Option : **4**

Section : **Quantitative Aptitude**

**Q.1** Find the value of  $70^3 + 20^3 - 90^3$ .

- Ans**
- 1. 0
  - 2. 378000
  - 3. -378000
  - 4. -300000

Question ID : **65497843435**  
Status : **Answered**  
Chosen Option : **3**

**Q.2** On simple interest, a certain sum becomes ₹59,200 in 6 years and ₹72,000 in 10 years. If the rate of interest had been 2% more, then in how many years would the sum have become ₹76,000?

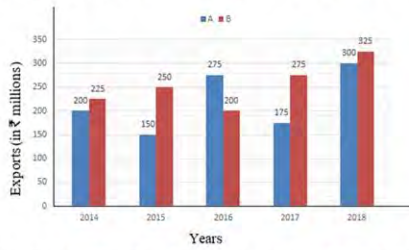
- Ans**
- 1. 10
  - 2. 9
  - 3. 8
  - 4. 7

Question ID : **65497843633**  
Status : **Answered**  
Chosen Option : **2**



**Q.3** The given bar graph shows exports of cars of type A and B (in ₹ millions) from 2014 to 2018. Study the graph and answer the question that follows.

Study the graph and answer the question that follows.



What is the ratio of the total exports of cars of type A in 2014 and 2018 to the total exports of cars of type B in 2015 and 2017?

- Ans**
- ✓ 1. 20 : 21
  - ✗ 2. 10 : 9
  - ✗ 3. 5 : 4
  - ✗ 4. 13 : 12

Question ID : 65497842739  
 Status : Answered  
 Chosen Option : 1

**Q.4** Monthly expenditure of a family on different heads is shown in the following pie chart.

What is the percentage of family earnings spent on rent?

Expenditure on different Heads



- Ans**
- ✗ 1.  $15\frac{3}{4}$
  - ✓ 2.  $16\frac{2}{3}$
  - ✗ 3.  $16\frac{1}{3}$
  - ✗ 4. 15

Question ID : 65497843546  
 Status : Answered  
 Chosen Option : 2

**Q.5** The difference between the two perpendicular sides of a right-angled triangle is 17 cm and its area is  $84 \text{ cm}^2$ . What is the perimeter (in cm) of the triangle?

- Ans**
- 1. 40
  - 2. 49
  - 3. 36
  - 4. 56

Question ID : 65497843440  
Status : Answered  
Chosen Option : 4

**Q.6** Find the value of the following expression:

$$\frac{5 - 35 \div 5 \times 15 + 5}{12 - 2}$$

- Ans**
- 1. - 9.5
  - 2. - 13.5
  - 3. - 2.5
  - 4. 11.5

Question ID : 65497843526  
Status : Marked For Review  
Chosen Option : 1

**Q.7** The average of 9 consecutive numbers is 20. The smallest of these numbers is:

- Ans**
- 1. 10
  - 2. 20
  - 3. 16
  - 4. 12

Question ID : 65497844647  
Status : Answered  
Chosen Option : 3

**Q.8** The price of petrol shot up by 5%. Before the hike, the price was ₹82 per litre. A man travels 3045 km every month and his car gives a mileage of 15 km per litre. What is the increase in the monthly expenditure (to the nearest ₹) on the man's travel due to the hike in the petrol prices?

- Ans**
- 1. 832
  - 2. 859
  - 3. 758
  - 4. 944

Question ID : 65497843327  
Status : Answered  
Chosen Option : 1

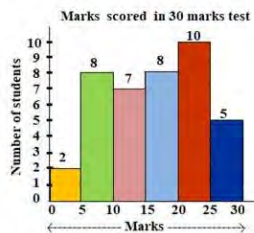
**Q.9** A trader sells an article for ₹425 and loses 15%. At what price (in ₹) should he sell the article to earn 5% profit?

- Ans**
- 1. 505
  - 2. 510
  - 3. 445
  - 4. 525

Question ID : 65497843429  
Status : Answered  
Chosen Option : 4

**Q.10** The following histogram shows the marks scored by 40 students in a test of 30 marks. A student has to score a minimum of 10 marks to pass the test.

How many students have scored less than two-third of the total marks?



- Ans**
- 1. 35
  - 2. 17
  - 3. 25
  - 4. 32

Question ID : 65497843649  
Status : Answered  
Chosen Option : 3

**Q.11** A, B and C can do a work in 8, 10 and 12 days, respectively. After completing the work together, they received ₹5,550. What is the share of B (in ₹) in the amount received?

- Ans**
- 1. 1,500
  - 2. 1,850
  - 3. 1,800
  - 4. 1,696

Question ID : 65497843432  
Status : Marked For Review  
Chosen Option : 3

**Q.12** What is the difference in the volume (in  $\text{cm}^3$ ) of a sphere of radius 7 cm and that of a cone of radius 7 cm and height 10

$\text{cm}^3$  (Use  $\pi = \frac{22}{7}$ )

- Ans**
- 1. 205
  - 2. 704
  - 3. 924
  - 4. 1078

Question ID : 65497844645  
Status : Answered  
Chosen Option : 3

**Q.13** If  $3 \sec^2 \theta + \tan \theta - 7 = 0, 0^\circ < \theta < 90^\circ$ , then what is the value of  $\left(\frac{2 \sin \theta + 3 \cos \theta}{\operatorname{cosec} \theta + \sec \theta}\right)$  ?

- Ans**
- 1. 10
  - 2.  $\frac{5}{2}$
  - 3.  $\frac{5}{4}$
  - 4.  $4\sqrt{2}$

Question ID : 65497844350  
Status : Marked For Review  
Chosen Option : 3

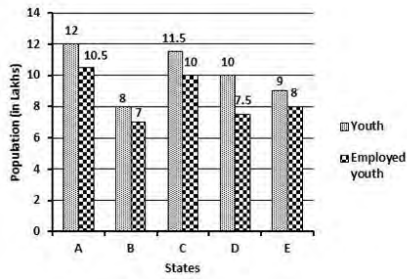
**Q.14** The bisector of  $\angle B$  in  $\triangle ABC$  meets AC at D. If  $AB = 12$  cm,  $BC = 18$  cm and  $AC = 15$  cm, then the length of AD (in cm) is:

- Ans**
- 1. 6
  - 2. 5
  - 3. 12
  - 4. 9

Question ID : 65497844348  
Status : Answered  
Chosen Option : 1

**Q.15** The following bar graph shows the total number of youth (in lakhs) and the number of employed youth (in lakhs) in 5 states A, B, C, D and E.

What is the ratio of the number of youth in states A, C and E taken together to the number of employed youth in states B, C and D taken together?



- Ans**
- 1. 65 : 59
  - 2. 65 : 49
  - 3. 8 : 7
  - 4. 57 : 49

Question ID : 65497844050  
 Status : Answered  
 Chosen Option : 2

**Q.16** A tangent is drawn from a point P to a circle, which meets the circle at T such that  $PT = 10.5$  cm. A secant PAB intersects the circle in points A and B. If  $PA = 7$  cm, what is the length (in cm) of the chord AB?

- Ans**
- 1. 8.5
  - 2. 8.75
  - 3. 7.75
  - 4. 8.45

Question ID : 65497843639  
 Status : Answered  
 Chosen Option : 2

**Q.17** What is the remainder when the product of 335, 608 and 853 is divided by 13?

- Ans**
- 1. 11
  - 2. 12
  - 3. 6
  - 4. 7

Question ID : 65497843322  
 Status : Answered  
 Chosen Option : 4

**Q.18** The marked price of an article is ₹625. After allowing a discount of 32% on the marked price, there was a profit of ₹25.  
The profit percentage (correct to the nearest integer) is:

- Ans**
- 1. 5%
  - 2. 4%
  - 3. 6%
  - 4. 7%

Question ID : 65497844336  
Status : Answered  
Chosen Option : 3

**Q.19** At present, A is younger than B by 8 years. If 4 years ago, their ages were in the ratio 1 : 2, then what is the present age of B (in years)?

- Ans**
- 1. 11
  - 2. 20
  - 3. 12
  - 4. 18

Question ID : 65497844339  
Status : Answered  
Chosen Option : 2

**Q.20** Which is the smallest multiple of 7, which leaves 5 as remainder in each case, when divided by 8, 9, 12 and 15?

- Ans**
- 1. 365
  - 2. 1085
  - 3. 2525
  - 4. 725

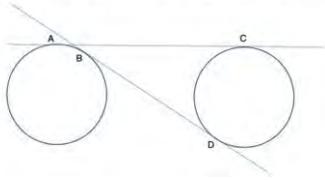
Question ID : 65497843525  
Status : Answered  
Chosen Option : 3

**Q.21** The ratio of the speeds of two trains is 2 : 7. If the first train runs 250 km in 5 hours, then the sum of the speeds (in km/h) of both the trains is:

- Ans**
- 1. 250
  - 2. 175
  - 3. 150
  - 4. 225

Question ID : 65497844342  
Status : Answered  
Chosen Option : 4

**Q.22** Two common tangents AC and BD touch two equal circles each of radius 7 cm, at points A, C, B and D, respectively, as shown in the figure. If the length of BD is 48 cm, what is the length of AC?



- Ans**
- 1. 40 cm
  - 2. 30 cm
  - 3. 50 cm
  - 4. 48 cm

Question ID : 65497843337  
Status : Answered  
Chosen Option : 3

**Q.23** If  $x + y + z = 11$ ,  $xy + yz + zx = -6$ , and  $x^3 + y^3 + z^3 = 1604$ , then the value of  $xyz$  is:

- Ans**
- 1. 25
  - 2. 4
  - 3. 1
  - 4. 5

Question ID : 65497844345  
Status : Answered  
Chosen Option : 1

**Q.24** If  $\cot B = \frac{12}{5}$ , what is the value of  $\sec B$ ?

- Ans**
- 1.  $\frac{5}{12}$
  - 2.  $\frac{13}{12}$
  - 3.  $\frac{13}{5}$
  - 4.  $\frac{12}{13}$

Question ID : 65497843442  
Status : Answered  
Chosen Option : 2

**Q.25** A vertical pole and a vertical tower are on the same level ground in such a way that, from the top of the pole, the angle of elevation of the top of the tower is  $60^\circ$  and the angle of depression of the bottom of the tower is  $30^\circ$ . If the height of the pole is 24 m, then find the height of the tower (in m).

Ans

1.  $24\sqrt{3}(\sqrt{3} + 1)$

2. 72

3. 96

4.  $24(\sqrt{3} + 1)$

Question ID : 65497843544  
Status : Answered  
Chosen Option : 2

Section : English Comprehension

**Q.1** Select the INCORRECTLY spelt word.

Ans  1. Progress

2. Mystery

3. Pilgrim

4. Syntoms

Question ID : 65497844381  
Status : Answered  
Chosen Option : 4

**Q.2** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

My older brother, / which you'll / meet later, / is a dentist.

Ans  1. My older brother

2. which you'll

3. meet later

4. is a dentist

Question ID : 65497842641  
Status : Answered  
Chosen Option : 2

**Q.3** Select the most appropriate ANTONYM of the given word.

Rely

Ans  1. Move

2. Distrust

3. Await

4. Depend

Question ID : 65497843669  
Status : Answered  
Chosen Option : 2



**Q.4** Select the most appropriate meaning of the given idiom.

**To take after**

- Ans**  1. To chase someone  
 2. To be similar in appearance  
 3. To mock someone  
 4. To change sides often

Question ID : **65497843367**  
Status : **Answered**  
Chosen Option : **2**

**Q.5** Select the option that expresses the given sentence in active voice.

**Hatred can be overcome by love.**

- Ans**  1. Love can overcome hatred.  
 2. Love has overcome hatred.  
 3. Love is overcoming hatred.  
 4. Love can overcame hatred.

Question ID : **65497843553**  
Status : **Answered**  
Chosen Option : **1**

**Q.6** Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

- A.** However, when areas in Leh began to experience water shortages, life didn't grind to a halt.  
**B.** Ladakh is a cold desert with a low average annual rainfall.  
**C.** Thus, glaciers have been the main source of water for the people.  
**D.** This was because Chewang Norphel, a retired civil engineer came up with the idea of artificial glaciers.

- Ans**  1. CBDA  
 2. BCAD  
 3. DABC  
 4. BCDA

Question ID : **65497843564**  
Status : **Answered**  
Chosen Option : **2**

**Q.7** Select the most appropriate meaning of the given idiom.

**Foul play**

- Ans**  1. Unfair or dishonest behaviour  
 2. A bad smelling theatre or playground  
 3. Unpleasant weather for playing  
 4. A drama which is badly produced

Question ID : **65497843671**  
Status : **Answered**  
Chosen Option : **1**

**Q.8** Select the option that can be used as a one-word substitute for the given group of words.

Formally put an end to a system, practice, or institution

- Ans
- 1. Stop
  - 2. Destroy
  - 3. Kill
  - 4. Abolish

Question ID : 65497844379  
Status : Answered  
Chosen Option : 4

**Q.9** The following sentence has been divided into parts. One of them contains an error. Select the part that contains the error from the given options.

He was / late / for school / and punished.

- Ans
- 1. for school
  - 2. late
  - 3. He was
  - 4. and punished

Question ID : 65497844359  
Status : Marked For Review  
Chosen Option : 1

**Q.10** Select the most appropriate option to fill in the blank.

She hardly works on weekends, \_\_\_\_\_?

- Ans
- 1. doesn't she
  - 2. is she
  - 3. does she
  - 4. isn't she

Question ID : 65497843473  
Status : Marked For Review  
Chosen Option : 1

**Q.11** Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

I wish I were listening to my parents.

- Ans
- 1. am listening
  - 2. have listened
  - 3. No substitution required
  - 4. had listened

Question ID : 65497843360  
Status : Answered  
Chosen Option : 4

Q.12 Select the option that expresses the given sentence in reported speech.

Mother said, "Abhinav slipped while trying to board a bus."

- Ans  1. Mother told that Abhinav slipped while trying to board a bus.  
 2. Mother said that Abhinav slipped while trying to board a bus.  
 3. Mother says that Abhinav slipped while trying to board a bus.  
 4. Mother said that Abhinav had slipped while trying to board a bus.

Question ID : 65497843662  
Status : Answered  
Chosen Option : 4

Q.13 Select the most appropriate synonym of the given word.

DUO

- Ans  1. Bond  
 2. Pair  
 3. Loan  
 4. Debt

Question ID : 65497843565  
Status : Answered  
Chosen Option : 2

Q.14 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

It was a surprising / to receive the gift/ from my brother.

- Ans  1. No error  
 2. It was a surprising  
 3. from my brother  
 4. to receive the gift

Question ID : 65497843563  
Status : Answered  
Chosen Option : 2

Q.15 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

The fisheries sector / have grown significantly / in the last one year.

- Ans  1. have grown significantly  
 2. in the last one year  
 3. No error  
 4. The fisheries sector

Question ID : 65497844055  
Status : Marked For Review  
Chosen Option : 1

**Q.16** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

**My house / is more / spacious than / my sister.**

- Ans**
- 1. is more
  - 2. My house
  - 3. my sister
  - 4. spacious than

Question ID : **65497843653**  
Status : **Answered**  
Chosen Option : **3**

**Q.17** Select the option that expresses the given sentence in passive voice.

**Do you trust me?**

- Ans**
- 1. Am I trusted by you?
  - 2. Do I am trusted by you?
  - 3. Do I was trusted by you?
  - 4. I am trusted by you.

Question ID : **65497844362**  
Status : **Answered**  
Chosen Option : **1**

**Q.18** Select the most appropriate synonym of the given word.

**Paranoid**

- Ans**
- 1. Convinced
  - 2. Trustful
  - 3. Committed
  - 4. Distrustful

Question ID : **65497844374**  
Status : **Marked For Review**  
Chosen Option : **4**

**Q.19** Select the option that can be used as a one-word substitute for the given group of words.

**Indifferent to pleasure and pain**

- Ans**
- 1. Cynic
  - 2. Stoic
  - 3. Prudent
  - 4. Lusty

Question ID : **65497843471**  
Status : **Answered**  
Chosen Option : **2**

**Q.20** Select the most appropriate **ANTONYM** of the given word.

**Appal**

- Ans**  1. Alarm  
 2. Assure  
 3. Amaze  
 4. Astound

Question ID : **65497843365**  
Status : **Marked For Review**  
Chosen Option : **2**

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

An old man lived in the village. He was one of the (1) \_\_\_\_\_ unfortunate people in the world. The whole village was tired (2) \_\_\_\_\_ him; he was always gloomy, he (3) \_\_\_\_\_ complained and was always in a bad mood. The (4) \_\_\_\_\_ he lived, the more vile he was becoming and the more (5) \_\_\_\_\_ were his words.

**SubQuestion No : 21**

**Q.21** Select the most appropriate option to fill in blank number 1.

- Ans**  1. maximum  
 2. utmost  
 3. most  
 4. main

Question ID : **65497843455**  
Status : **Answered**  
Chosen Option : **3**

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

An old man lived in the village. He was one of the (1) \_\_\_\_\_ unfortunate people in the world. The whole village was tired (2) \_\_\_\_\_ him; he was always gloomy, he (3) \_\_\_\_\_ complained and was always in a bad mood. The (4) \_\_\_\_\_ he lived, the more vile he was becoming and the more (5) \_\_\_\_\_ were his words.

**SubQuestion No : 22**

**Q.22** Select the most appropriate option to fill in blank number 2.

- Ans**  1. from  
 2. of  
 3. by  
 4. at

Question ID : **65497843456**  
Status : **Answered**  
Chosen Option : **2**

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

An old man lived in the village. He was one of the (1) \_\_\_\_\_ unfortunate people in the world. The whole village was tired (2) \_\_\_\_\_ him; he was always gloomy, he (3) \_\_\_\_\_ complained and was always in a bad mood. The (4) \_\_\_\_\_ he lived, the more vile he was becoming and the more (5) \_\_\_\_\_ were his words.

**SubQuestion No : 23**

**Q.23 Select the most appropriate option to fill in blank number 3.**

- Ans  1. mostly  
 2. commonly  
 3. cyclically  
 4. constantly

Question ID : 65497843457  
Status : Answered  
Chosen Option : 4

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

An old man lived in the village. He was one of the (1) \_\_\_\_\_ unfortunate people in the world. The whole village was tired (2) \_\_\_\_\_ him; he was always gloomy, he (3) \_\_\_\_\_ complained and was always in a bad mood. The (4) \_\_\_\_\_ he lived, the more vile he was becoming and the more (5) \_\_\_\_\_ were his words.

**SubQuestion No : 24**

**Q.24 Select the most appropriate option to fill in blank number 4.**

- Ans  1. long  
 2. lengthy  
 3. longer  
 4. longest

Question ID : 65497843458  
Status : Answered  
Chosen Option : 3

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

An old man lived in the village. He was one of the (1) \_\_\_\_\_ unfortunate people in the world. The whole village was tired (2) \_\_\_\_\_ him; he was always gloomy, he (3) \_\_\_\_\_ complained and was always in a bad mood. The (4) \_\_\_\_\_ he lived, the more vile he was becoming and the more (5) \_\_\_\_\_ were his words.

**SubQuestion No : 25**

**Q.25 Select the most appropriate option to fill in blank number 5.**

- Ans  1. fatal  
 2. mortal  
 3. poisonous  
 4. toxic

Question ID : 65497843459  
Status : Answered  
Chosen Option : 4

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KD Job Updates

## Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ 2 Sikandra
Exam Date	12/04/2022
Exam Time	12:30 PM - 1:30 PM
Subject	CGLE 2021 Tier I

### Section : General Intelligence and Reasoning

**Q.1** Select the correct combination of mathematical signs that can sequentially replace the \* signs and make the given equation correct.

$$88 * 120 * 42 * 240 * 48 * 2$$

- Ans**
- 1. =, ×, +, +, -
  - 2. ×, +, =, -, +
  - 3. +, +, -, =, ×
  - 4. =, -, +, +, ×

Question ID : 65497842683  
Status : Answered  
Chosen Option : 4

**Q.2** Select the set of classes the relationship among which is best illustrated by the given Venn diagram.



- Ans**
- 1. Potato, Peach, Vegetables
  - 2. Natural numbers, Integers, Real numbers
  - 3. Doctors, Singers, Extroverts
  - 4. Peso, Currency, Taka

Question ID : 65497844407  
Status : Answered  
Chosen Option : 4



**Q.3** Select the correct option that indicates the arrangement of the given words in a logical and meaningful order.

1. Chapterlist
2. Bibliography
3. Preface
4. Cover page
5. Chapters

- Ans  1. 2, 5, 1, 4, 3
2. 4, 3, 1, 5, 2
3. 4, 5, 3, 1, 2
4. 3, 5, 4, 2, 1

Question ID : 65497843677  
Status : Answered  
Chosen Option : 2

**Q.4** Select the number from among the given options that can replace the question mark (?) in the following series.

82, 105, 136, 177, 224, 283, ?

- Ans  1. 412
2. 320
3. 350
4. 349

Question ID : 65497843990  
Status : Answered  
Chosen Option : 4

**Q.5** Study the given pattern carefully and select the number from among the given options that can replace the question mark (?) in it.

18 24 19  
7 8 9  
8 11 14  
17 ? 14

- Ans  1. 15
2. 21
3. 38
4. 30

Question ID : 65497843994  
Status : Answered  
Chosen Option : 3

Q.6 Which two signs need to be interchanged to make the following equation correct?

$$23 + 84 \div 14 \times 8 - 3 = 5$$

- Ans
- 1. + and -
  - 2. + and ×
  - 3. - and ×
  - 4. - and +

Question ID : 65497842581  
Status : Answered  
Chosen Option : 3

Q.7 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

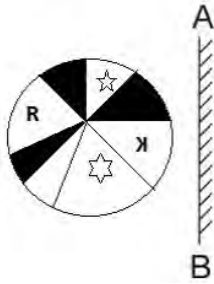
FCC, UFH, OIS, LLX, FOC, ?

- Ans
- 1. TRF
  - 2. VSG
  - 3. URH
  - 4. WTH

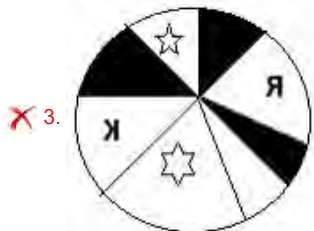
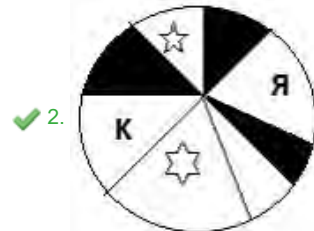
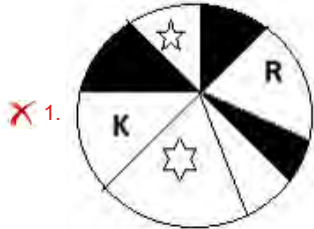
Question ID : 65497842666  
Status : Answered  
Chosen Option : 3

KD Job Updates

Q.8 Select the correct mirror image of the given figure when the mirror is placed at 'AB' as shown.



Ans



Question ID : 65497842587  
Status : Answered  
Chosen Option : 2

**Q.9** Seven friends, Subhi, Prince, Ketan, Vishal, Mahima, Krish and Naitik, are sitting around a circular table with their backs towards the centre. Subhi is sitting to the immediate right of Prince. Naitik and Krish are not sitting to the immediate left or right of Vishal. Vishal is sitting third to the left of Prince. Mahima is sitting to the immediate right of Vishal. Who is sitting third to the right of Prince?

- Ans**
- 1. Naitik
  - 2. Krish
  - 3. Ketan
  - 4. Mahima

Question ID : **65497842574**  
Status : **Answered**  
Chosen Option : **2**

**Q.10** There are seven members, B, C, D, E, F, G and H, in a family. H is the only daughter-in-law of D. E is the sister of C. C is the only son of F, who is the wife of D. B and G are the sons of H. How is G related to F?

- Ans**
- 1. Grandson
  - 2. Brother
  - 3. Father
  - 4. Son

Question ID : **65497842573**  
Status : **Answered**  
Chosen Option : **3**

**Q.11** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow from the statements.

**Statements:**

- 1. All flowers are blue.
- 2. All blue are good.
- 3. No good is red.

**Conclusions:**

- I. No red is a flower.
- II. No red is a bus.
- III. Some good are flowers.
- IV. Some good are blue.

- Ans**
- 1. Only conclusions I, III and IV follow
  - 2. Only conclusions I and III follow
  - 3. All conclusions I, II, III and IV follow
  - 4. Only conclusions I, II and IV follow

Question ID : **65497842676**  
Status : **Answered**  
Chosen Option : **1**

Q.12 Among five boxes A B C D and E B is thrice as heavy as A. C is 40 kg heavier than E. D is three and a half times as heavy as E and C is five times as heavy as A. The weight of E is 40 kg. Which object is the lightest of all and what is its weight?

- Ans
- 1. B 50 kg
  - 2. A 16 kg
  - 3. B 12 kg
  - 4. D 125 kg

Question ID : 65497844397  
 Status : Answered  
 Chosen Option : 2

Q.13 Select the option that is embedded in the given figure (X) (rotation is NOT allowed).



- Ans
- 1.
  - 2.
  - 3.
  - 4.

Question ID : 65497844000  
 Status : Answered  
 Chosen Option : 2

Q.14 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

j \_ m b \_ a \_ \_ u \_ b \_ a d j \_ m \_ b \_ d

- Ans
- 1. u b m j m b u b a
  - 2. u b d j m b j b a
  - 3. u b d j m b u b a
  - 4. u b d j m b u m a

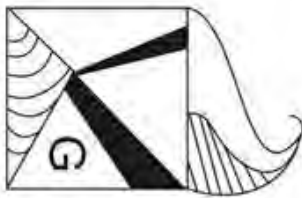
Question ID : 65497844638  
 Status : Answered  
 Chosen Option : 3

**Q.15** Which of the option figures when rotated 270° anticlockwise and then 45° clockwise will result in the given question figure?



**Ans**

✓ 1.



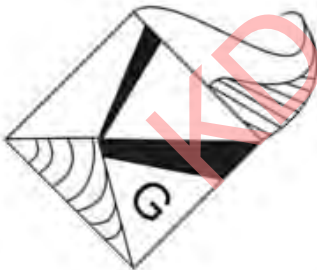
✗ 2.



✗ 3.



✗ 4.



Question ID : 65497842886

Status : Answered

Chosen Option : 3

**Q.16** Select the number from among the given options that can replace the question mark (?) in the following series.

28, 32, 41, 57, ?

- Ans
- 1. 68
  - 2. 82
  - 3. 74
  - 4. 90

Question ID : 65497842678  
Status : Answered  
Chosen Option : 2

**Q.17** Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

3 : 17 :: 6 : ? :: 9 : 47

- Ans
- 1. 34
  - 2. 36
  - 3. 38
  - 4. 32

Question ID : 65497842881  
Status : Answered  
Chosen Option : 4

**Q.18** In a certain code language, 'so it be' is written as 'lor kor nor', 'it is done' is written as 'zor kor tor', and 'be yourself' is written as 'nor xor'. How will 'so' be written in that language?

- Ans
- 1. nor
  - 2. xor
  - 3. lor
  - 4. kor

Question ID : 65497843985  
Status : Answered  
Chosen Option : 3

**Q.19** In a certain code language, 'TANKER' is written as 'VCPMGT', how will 'SOCRATES' be written in that language?

- Ans
- 1. UQETCVGU
  - 2. UQETCWGU
  - 3. UQFTCVHU
  - 4. UQGT CVHU

Question ID : 65497844635  
Status : Answered  
Chosen Option : 1

**Q.20** Select the option that is related to the third term in the same way as the second term is related to the first term.

**UPRIGHT : PUVKTH :: DESTROY : ?**

- Ans**  1. EDWPVYO  
 2. EDPXNYO  
 3. EDWWUY  
 4. DEWPVOY

Question ID : 65497844386  
Status : Answered  
Chosen Option : 1

**Q.21** A cube of side 80 cm is painted yellow on all the faces and then cut into smaller cubes of sides 8 cm each. Find the number of smaller cubes having all the three faces painted.

- Ans**  1. 32  
 2. 28  
 3. 8  
 4. 64

Question ID : 65497842686  
Status : Answered  
Chosen Option : 4

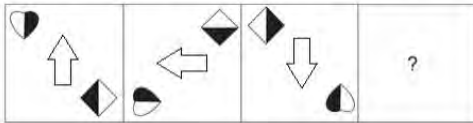
**Q.22** Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

- Ans**  1. MTAH  
 2. CJQY  
 3. HOVC  
 4. DKRY

Question ID : 65497843981  
Status : Answered  
Chosen Option : 2

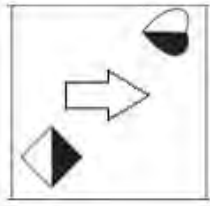


**Q.23** Select the figure from among the given options that can replace the question mark (?) in the following series.

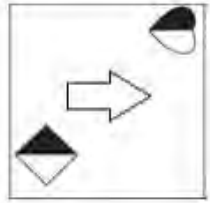


**Ans**

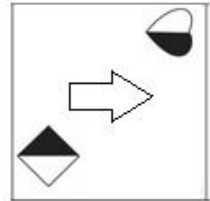
1.



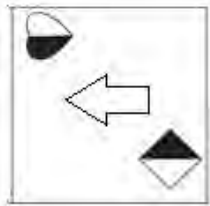
2.



3.



4.

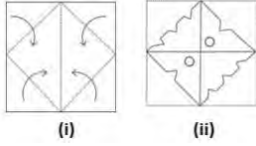


Question ID : 65497842584

Status : Answered

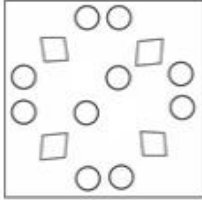
Chosen Option : 3

**Q.24** The sequence of folding a piece of paper (figures i) and the manner in which the folded paper has been cut (figure ii) is shown in the following figures. Select the option that would most closely resemble the unfolded form of figure (ii).

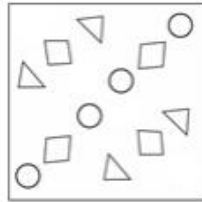


**Ans**

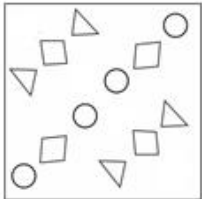
1.



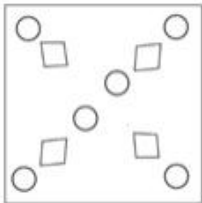
2.



3.



4.



Question ID : 65497842891  
 Status : Answered  
 Chosen Option : 3

**Q.25** In a certain code language, 'PARK' is coded as '3749', and 'RACE' is coded as '4762'. How will 'CARE' be coded in that language?

**Ans**  1. 6724

2. 7642

3. 7624

4. 6742

Question ID : 65497842873  
 Status : Answered  
 Chosen Option : 4

**Q.1** In December 2020, \_\_\_\_\_ became the first country in the world to approve sale of lab-grown chicken products.

**Ans**  1. Singapore

2. Taiwan

3. Vietnam

4. Japan

Question ID : 65497842607

Status : Answered

Chosen Option : 4

**Q.2** Which of the following Amendments of the Constitution of India gave the status of state to Goa?

**Ans**  1. 52nd Amendment

2. 56th Amendment

3. 59th Amendment

4. 48th Amendment

Question ID : 65497844026

Status : Answered

Chosen Option : 1

**Q.3** Who among the following female wrestlers won the Ukraine Wrestling Tournament in February 2021?

**Ans**  1. Kavita Devi

2. Sakshi Malik

3. Babita Kumari

4. Vinesh Phogat

Question ID : 65497844432

Status : Answered

Chosen Option : 4

**Q.4** What is the emigration of a significant proportion of a country's highly skilled, highly educated professional population to other countries offering better economic and social opportunities called?

**Ans**  1. Carrying capacity

2. Brain drain

3. Demographic transition

4. Closed population

Question ID : 65497842601

Status : Answered

Chosen Option : 2

**Q.5** Which of the following laws deduces the expression for the force between two stationary point charges in vacuum or free space?

- Ans**
- 1. Lenz's Law
  - 2. Coulomb's Law
  - 3. Gauss' Law
  - 4. Ohm's Law

Question ID : **65497844416**  
Status : **Answered**  
Chosen Option : **2**

**Q.6** What is the repo rate given by the Reserve Bank of India's (RBI) Monetary Policy Committee (MPC) as on 7 April 2021?

- Ans**
- 1. 2%
  - 2. 4%
  - 3. 3%
  - 4. 5%

Question ID : **65497842895**  
Status : **Answered**  
Chosen Option : **2**

**Q.7** From which of the following English words is the name 'Bhangra' derived in the context of Bhangra Dance?

- Ans**
- 1. Hemp
  - 2. Rhythm
  - 3. Style
  - 4. Movement

Question ID : **65497844004**  
Status : **Answered**  
Chosen Option : **1**

**Q.8** Which of the following dwarf planets lies in the main asteroid belt?

- Ans**
- 1. Eris
  - 2. Makemake
  - 3. Ceres
  - 4. Haumea

Question ID : **65497844010**  
Status : **Answered**  
Chosen Option : **3**

**Q.9** \_\_\_\_\_ is concerned with constructing records of past climates and climatic events by analysis of tree growth characteristics, especially growth rings.

- Ans**
- 1. Bioclimatology
  - 2. Historical- climatology
  - 3. Geo climatology
  - 4. Dendroclimatology

Question ID : **65497842696**  
Status : **Answered**  
Chosen Option : **4**

**Q.10** Which of the following revolutionaries was arrested by the British as an accused in the Alipore Bomb Conspiracy Case?

- Ans**
- 1. Kanailal Dutta
  - 2. Rajendra Lahiri
  - 3. Roshan Singh
  - 4. Ashfaq Ullah Khan

Question ID : **65497842706**  
Status : **Answered**  
Chosen Option : **1**

**Q.11** What was the first name of the Mughal Emperor Babur?

- Ans**
- 1. Hasanuddin
  - 2. Giasuddin
  - 3. Zahiruddin
  - 4. Qaseemuddin

Question ID : **65497844018**  
Status : **Answered**  
Chosen Option : **3**

**Q.12** As of April 2021, who among the following is the only Indian long jumper to have qualified for the Tokyo Olympics 2021?

- Ans**
- 1. Virsa Singh
  - 2. TC Yohannan
  - 3. Sreeshankar Murali
  - 4. Sanjay Kumar Rai

Question ID : **65497842714**  
Status : **Answered**  
Chosen Option : **3**

Q.13 In which year had India's ratio of public debt to GDP gone up to a record 84.2%?

- Ans  1. 1991  
 2. 1999  
 3. 2003  
 4. 2001

Question ID : 65497842594  
Status : Answered  
Chosen Option : 2

Q.14 Who among the following is the author of the novel 'Q and A'?

- Ans  1. Muchkund Dubey  
 2. MK Rasgotra  
 3. JN Dixit  
 4. Vikas Swarup

Question ID : 65497842911  
Status : Answered  
Chosen Option : 4

Q.15 Who among the following became the first Indian to win the Miss Deaf World title?

- Ans  1. Raghavi Shankar  
 2. Vidisha Baliyan  
 3. Arunima Sinha  
 4. Preethi Srinivasan

Question ID : 65497844427  
Status : Answered  
Chosen Option : 4

Q.16 An amendment to the Hindu Succession Act, 1956 was passed in the year \_\_\_\_\_.

- Ans  1. 2012  
 2. 2005  
 3. 2010  
 4. 2008

Question ID : 65497842611  
Status : Answered  
Chosen Option : 2

Q.17 Which of the following elements is NOT suitable for the fabrication of a light emitting diode structure?

- Ans  1. Gallium phosphide  
 2. Indium gallium nitride  
 3. Germanium  
 4. Gallium arsenide

Question ID : 65497844418  
Status : Answered  
Chosen Option : 3

**Q.18** As per the Economic Survey, 2020, how many banks of India are there in the list of the top global 100?

- Ans**  1. None  
 2. One  
 3. Three  
 4. Two

Question ID : 65497844411  
Status : Answered  
Chosen Option : 3

**Q.19** What was the age in years of the revolutionary Bhagat Singh when he was hanged till death?

- Ans**  1. 20  
 2. 23  
 3. 30  
 4. 26

Question ID : 65497842909  
Status : Answered  
Chosen Option : 2

**Q.20** Which of the following Sustainable Development Goals (SDG) seeks to 'Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss'?

- Ans**  1. SDG12  
 2. SDG 7  
 3. SDG 17  
 4. SDG 15

Question ID : 65497842900  
Status : Answered  
Chosen Option : 1

**Q.21** Which of the following is a characteristic of permanent tissue?

- Ans**  1. Cells divide repeatedly  
 2. Inorganic inclusions are absent  
 3. Intercellular spaces are present  
 4. Vacuoles are absent

Question ID : 65497842599  
Status : Answered  
Chosen Option : 1

**Q.22** In which of the following years was an Act to provide for the reorganisation of the states of India and for matters connected therewith enacted?

- Ans**
- 1. 1947
  - 2. 1956
  - 3. 1959
  - 4. 1962

Question ID : **65497842913**  
Status : **Answered**  
Chosen Option : **2**

**Q.23** Which of the following statements is/are correct?

- I- Karnataka is the largest producer of coffee in India.
- II- Arabica is a variety of coffee.
- III- The Arabica variety initially brought from Mexico is produced in India.

- Ans**
- 1. I, II and III
  - 2. Only II and III
  - 3. Only III
  - 4. Only I and II

Question ID : **65497844017**  
Status : **Answered**  
Chosen Option : **4**

**Q.24** In which city of Gujarat will you find the Uparkot Buddhist Caves?

- Ans**
- 1. Bhavnagar
  - 2. Vadodara
  - 3. Junagadh
  - 4. Anand

Question ID : **65497842692**  
Status : **Answered**  
Chosen Option : **3**

**Q.25** *Camellia sinensis* is a plant that produces \_\_\_\_\_.

- Ans**
- 1. tea
  - 2. coffee
  - 3. jute
  - 4. sugarcane

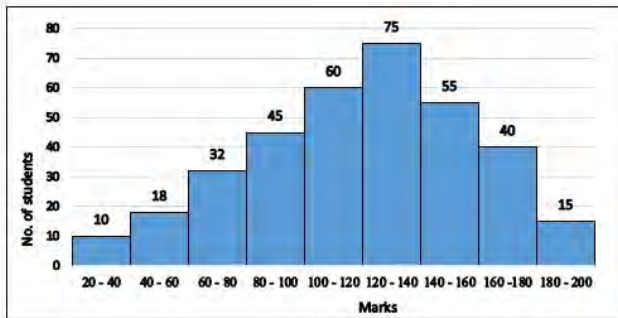
Question ID : **65497842703**  
Status : **Answered**  
Chosen Option : **3**

Section : **Quantitative Aptitude**



**Q.1** The given histogram represents the marks of students in Mathematics test of a certain class.  
The total number of students is 350 and the maximum marks of the test are 200.

Study the graph and answer the question that follows.



What is the class average (correct up to one place of decimal) of mathematics test?

- Ans**
- ✓ 1. 119.3
  - ✗ 2. 123.7
  - ✗ 3. 115.8
  - ✗ 4. 127.3

Question ID : 65497844053  
Status : Not Answered  
Chosen Option : --

**Q.2** In a quadrilateral ABCD, the bisectors of  $\angle C$  and  $\angle D$  meet at point E. If  $\angle CED = 57^\circ$  and  $\angle A = 47^\circ$ , then the measure of  $\angle B$  is:

- Ans**
- ✗ 1.  $47^\circ$
  - ✓ 2.  $67^\circ$
  - ✗ 3.  $77^\circ$
  - ✗ 4.  $57^\circ$

Question ID : 65497842731  
Status : Answered  
Chosen Option : 2

**Q.3** The value of  $40 \div 5$  of  $2 \times [18 \div 6 \times (12 - 9)]$  of  $5 - (3 - 8) \div 25$  is:

- Ans**
- ✗ 1. 5
  - ✗ 2. 7
  - ✓ 3. 8
  - ✗ 4. 4

Question ID : 65497844435  
Status : Answered  
Chosen Option : 3

**Q.4** A can complete 25% of a work in 15 days. He works for 15 days and then B alone finishes the remaining work in 30 days. In how many days will A and B working together finish 50% of the same work?

- Ans**
- 1. 24
  - 2. 20
  - 3. 12
  - 4. 25

Question ID : **65497842624**  
Status : **Answered**  
Chosen Option : **3**

**Q.5** A and B start a business. A invests  $33\frac{1}{3}\%$  of the total capital and B invests the remaining. If the total profit at the end of the year is ₹1,62,000, then B's share (in ₹) is:

- Ans**
- 1. 1,08,000
  - 2. 1,12,000
  - 3. 1,20,000
  - 4. 54,000

Question ID : **65497842925**  
Status : **Answered**  
Chosen Option : **1**

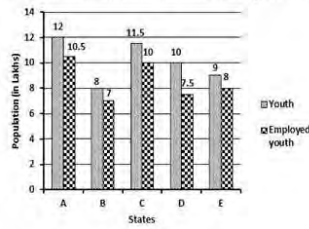
**Q.6** A shopkeeper marks his goods at a price 20% higher than their cost price and allows 10% discount on every item. Find his gain percentage.

- Ans**
- 1. 10%
  - 2. 10.5%
  - 3. 9%
  - 4. 8%

Question ID : **65497843528**  
Status : **Answered**  
Chosen Option : **4**

**Q.7** The following bar graph shows the number of youth (in lakhs) and the number of employed youth (in lakhs) in 5 states A, B, C, D and E.

In which state(s) is the number of youth more than the average number of youth in the five states?



- Ans**
- 1. A
  - 2. A, C
  - 3. A, C, D, E
  - 4. A, C, D

Question ID : 65497843545  
Status : Not Answered  
Chosen Option : --

**Q.8** Six bells begin to toll together and toll, respectively, at intervals of 3, 4, 6, 7, 8 and 12 seconds. After how many seconds, will they toll together again?

- Ans**
- 1. 167
  - 2. 168
  - 3. 176
  - 4. 186

Question ID : 65497844434  
Status : Answered  
Chosen Option : 2

**Q.9** The angle of elevation of the top of a tall building from the points M and N at the distances of 72 m and 128 m, respectively, from the base of the building and in the same straight line with it, are complementary. The height of the building (in m) is:

- Ans**
- 1. 84
  - 2. 96
  - 3. 80
  - 4. 90

Question ID : 65497844453  
Status : Answered  
Chosen Option : 2

**Q.10** The simple interest on a certain sum is one-eighth of the sum when the number of years is equal to half of the rate percentage per annum. Find the simple interest (in ₹) on ₹15,000 at the same rate of simple interest for 8 years.

- Ans**
- 1. 5,800
  - 2. 5,000
  - 3. 6,000
  - 4. 5,250

Question ID : 65497844037  
Status : Answered  
Chosen Option : 4

**Q.11** What is the average of all the prime numbers between 70 and 90?

- Ans**
- 1. 80
  - 2. 78.66
  - 3. 79
  - 4. 81.6

Question ID : 65497844655  
Status : Answered  
Chosen Option : 3

**Q.12** In  $\triangle ABC$ ,  $\angle A = 88^\circ$ . If I is the incentre of the triangle, then the measure of  $\angle BIC$  is:

- Ans**
- 1.  $112^\circ$
  - 2.  $134^\circ$
  - 3.  $56^\circ$
  - 4.  $68^\circ$

Question ID : 65497842632  
Status : Answered  
Chosen Option : 2

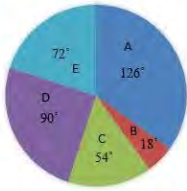
**Q.13** If  $a^2 + b^2 + 49c^2 + 18 = 2(b - 28c - a)$  then the value of  $(a + b - 7c)$  is:

- Ans**
- 1. 4
  - 2. 3
  - 3. 2
  - 4. 1

Question ID : 65497842931  
Status : Answered  
Chosen Option : 1

**Q.14** The breakup of the total number of employees of a company working in different offices (A to E), in degrees, is given in the pie chart.

Total number of employees = 2400.



In which office is the number of employees 600?

- Ans**
- 1. E
  - 2. A
  - 3. C
  - 4. D

Question ID : 65497844455  
Status : Answered  
Chosen Option : 4

**Q.15** The value of  $1 + \sqrt{\frac{\cot \theta + \cos \theta}{\cot \theta - \cos \theta}}$ , if  $0^\circ < \theta < 90^\circ$ , is equal to:

- Ans**
- 1.  $1 - \sec \theta + \tan \theta$
  - 2.  $1 - \sec \theta - \tan \theta$
  - 3.  $1 + \sec \theta - \tan \theta$
  - 4.  $1 + \sec \theta + \tan \theta$

Question ID : 65497842936  
Status : Answered  
Chosen Option : 4

**Q.16** If the volume of a sphere is equal to that of a cylinder having the same radius, then find the ratio of the radius to the height of the cylinder.

- Ans**
- 1. 1 : 2
  - 2. 2 : 3
  - 3. 3 : 4
  - 4. 3 : 5

Question ID : 65497844653  
Status : Answered  
Chosen Option : 3

Q.17

The value of  $\left(\frac{1-\cot\theta}{1-\tan\theta}\right)^2 - 1$  when  $0^\circ < \theta < 90^\circ$ , is equal to:

- Ans
- 1.  $\cos^2 - 1$
  - 2.  $\sec^2\theta + 1$
  - 3.  $\cot^2\theta - 1$
  - 4.  $\sin^2\theta - 1$

Question ID : 65497842634  
Status : Answered  
Chosen Option : 2

Q.18 Sides AB and AC of  $\Delta ABC$  are produced to points D and E, respectively. The bisectors of  $\angle CBD$  and  $\angle BCE$  meet at P.

If  $\angle A = 78^\circ$ , then the measure of  $\angle P$  is:

- Ans
- 1.  $51^\circ$
  - 2.  $61^\circ$
  - 3.  $55^\circ$
  - 4.  $56^\circ$

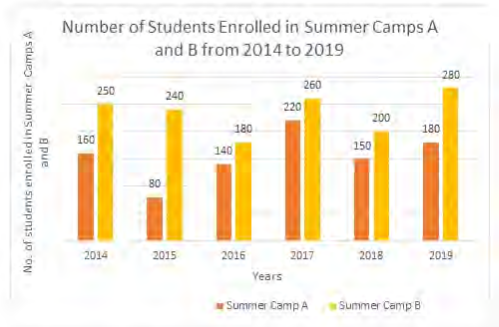
Question ID : 65497842934  
Status : Answered  
Chosen Option : 2

Q.19 A and B started their journeys from X to Y and Y to X, respectively. After crossing each other, A and B completed remaining parts of their journeys in  $6\frac{1}{8}$  hours and 8 hours, respectively. If the speed of A is 32 km/h, then the speed, in km/h, of B is:

- Ans
- 1. 21
  - 2. 28
  - 3. 30
  - 4. 25

Question ID : 65497842928  
Status : Answered  
Chosen Option : 2

- Q.20** The following bar chart shows the number of students enrolled in two Summer Camps A and B from 2014 to 2019. Study the chart carefully and answer the question that follows.



The number of students enrolled in Camp A in 2016 and 2019 together is what percentage of the number of students enrolled in Camp B in 2015 and 2017 together?

- Ans**
- 1. 64%
  - 2. 75%
  - 3. 60%
  - 4. 80%

Question ID : 65497843141  
 Status : Answered  
 Chosen Option : 3

- Q.21** A cyclic quadrilateral ABCD is drawn in a circle with centre O. A and C are joined to O. If  $\angle ABC = 2p$  and  $\angle ADC = 3p$ , what is the measure (in degrees) of the  $\angle AOC$  reflex?

- Ans**
- 1. 200
  - 2. 245
  - 3. 210
  - 4. 216

Question ID : 65497844043  
 Status : Answered  
 Chosen Option : 4

- Q.22** If  $8A5146B$  is divisible by 88, then what is the value of  $B - A$ ?

- Ans**
- 1. 0
  - 2. -1
  - 3. 1
  - 4. 2

Question ID : 65497842716  
 Status : Answered  
 Chosen Option : 3

**Q.23** If  $a + b + c = 6$ ,  $a^2 + b^2 + c^2 = 32$ , and  $a^3 + b^3 + c^3 = 189$ , then the value of  $abc - 3$  is:

- Ans**
- 1. 2
  - 2. 3
  - 3. 1
  - 4. 0

Question ID : 65497842627  
Status : Answered  
Chosen Option : 4

**Q.24** The cost prices of two articles A and B are in the ratio 4 : 5. While selling these articles, the shopkeeper gains 10% on article A and 20% on article B and the difference in their selling prices is ₹480. The difference in the cost price (in ₹) of articles B and A is:

- Ans**
- 1. 250
  - 2. 300
  - 3. 400
  - 4. 350

Question ID : 65497842621  
Status : Answered  
Chosen Option : 2

**Q.25**  $\frac{11}{5}$  of a number A is 22% of a number B. The number B is equal to 2.5% of a third number C. If the value of C is 5500, then the sum of 80% of A and 40% of B is:

- Ans**
- 1. 88
  - 2. 75
  - 3. 48
  - 4. 66

Question ID : 65497842721  
Status : Answered  
Chosen Option : 4

Section : English Comprehension

**Q.1** Select the most appropriate option to fill in the blank.

Are you looking forward \_\_\_\_\_ Nikhil again?

- Ans**
- 1. seeing
  - 2. to see
  - 3. to be seeing
  - 4. to seeing

Question ID : 65497842665  
Status : Answered  
Chosen Option : 2



**Q.2** Select the option that can be used as a one-word substitute for the given group of words.

**A fictional being from another world**

- Ans**  1. Stranger  
 2. Native  
 3. Alien  
 4. Foreigner

Question ID : **65497842965**  
Status : **Answered**  
Chosen Option : **3**

**Q.3** Select the option that can be used as a one-word substitute for the given group of words.

**Showing great attention to detail and correct behaviour**

- Ans**  1. Punctual  
 2. Zealous  
 3. Punctilious  
 4. Disciplined

Question ID : **65497842663**  
Status : **Answered**  
Chosen Option : **3**

**Q.4** Select the option that expresses the given sentence in passive voice.

**He opened the door for his mother.**

- Ans**  1. The door was opened by him for his mother.  
 2. The door was open by him for his mother.  
 3. The door had been opened by him for his mother.  
 4. The door is opened by him for his mother.

Question ID : **65497844462**  
Status : **Answered**  
Chosen Option : **1**

**Q.5** Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

- A.** The interest rates offered depends on the bank, deposit amount and the tenure you choose.  
**B.** It not only helps you to save money but also helps you to earn a substantial interest on it.  
**C.** One of the best ways to secure your money is by investing in fixed deposits.  
**D.** Under the fixed deposit scheme, the depositor deposits the money only once at the time of opening the account.

- Ans**  1. CDBA  
 2. ADCB  
 3. ACBD  
 4. CABD

Question ID : **65497844473**  
Status : **Answered**  
Chosen Option : **1**

**Q.6 Select the most appropriate meaning of the given idiom.**

**On the wane**

- Ans**  1. On the way  
 2. On the top  
 3. On the decline  
 4. On the rise

Question ID : **65497844075**  
Status : **Answered**  
Chosen Option : **3**

**Q.7 Select the most appropriate ANTONYM of the given word.**

**Prey**

- Ans**  1. Predator  
 2. Sufferer  
 3. Loot  
 4. Game

Question ID : **65497842759**  
Status : **Answered**  
Chosen Option : **1**

**Q.8 Select the INCORRECTLY spelt word.**

- Ans**  1. Whitan  
 2. Enlighten  
 3. Hasten  
 4. Brighten

Question ID : **65497842967**  
Status : **Answered**  
Chosen Option : **1**

**Q.9 Select the most appropriate meaning of the given idiom.**

**A long shot**

- Ans**  1. A correct prediction  
 2. A perfect aim  
 3. Very profitable  
 4. Little chance of success

Question ID : **65497842761**  
Status : **Answered**  
Chosen Option : **2**

**Q.10** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

This is / too grave sin / to be / pardoned.

- Ans  1. pardoned  
 2. too grave sin  
 3. This is  
 4. to be

Question ID : 65497842945  
Status : Answered  
Chosen Option : 1

**Q.11** Select the correct active voice of the given sentence.

The poems of great English poets are being translated into other languages.

- Ans  1. They were translating the poems of great English poets into other languages.  
 2. They are translating the poems of great English poets into other languages.  
 3. They have translated the poems of great English poets into other languages.  
 4. They translated the poems of great English poets into other languages.

Question ID : 65497842948  
Status : Answered  
Chosen Option : 2

**Q.12** The following sentence has been divided into parts. One of them may contain a grammatical error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Antique diamond necklace / was stolen / from the museum.

- Ans  1. was stolen  
 2. from the museum  
 3. Antique diamond necklace  
 4. No error

Question ID : 65497842338  
Status : Answered  
Chosen Option : 4

**Q.13** Select the most appropriate synonym of the given word.

FLUKE

- Ans  1. Policy  
 2. Plan  
 3. Chance  
 4. Contract

Question ID : 65497844474  
Status : Answered  
Chosen Option : 1

**Q.14** Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

The investigation revealed that both of they had given false information to obtain the certificates.

- Ans
- 1. No substitution required
  - 2. reveal that them both
  - 3. reveals that how they both
  - 4. revealed that both of them

Question ID : 65497844472  
Status : Answered  
Chosen Option : 4

**Q.15** Select the option that expresses the given sentence in reported speech.

She said, "It is too good to be true."

- Ans
- 1. She said it were too good to be true.
  - 2. She said that it was too good to be true.
  - 3. She is saying that it is too good to be true.
  - 4. She says that it is too good to be true.

Question ID : 65497844066  
Status : Answered  
Chosen Option : 2

**Q.16** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

She persisted / to doing / what she wanted / despite opposition.

- Ans
- 1. to doing
  - 2. what she wanted
  - 3. She persisted
  - 4. despite opposition

Question ID : 65497844057  
Status : Answered  
Chosen Option : 1

**Q.17** The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

The unseasonal rain/ caused a lot of damage/ to the crops.

- Ans
- 1. The unseasonal rain
  - 2. to the crops
  - 3. No error
  - 4. caused a lot of damage

Question ID : 65497843449  
Status : Answered  
Chosen Option : 1

Q.18 Select the most appropriate ANTONYM of the given word.

Optional

- Ans  1. Voluntary  
 2. Compulsory  
 3. Arbitrary  
 4. Elective

Question ID : 65497844073  
Status : Answered  
Chosen Option : 2

Q.19 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

I have been wondering at taking skating as a hobby.

- Ans  1. on taking to  
 2. about taking up  
 3. to take up  
 4. No improvement required

Question ID : 65497842754  
Status : Answered  
Chosen Option : 3

Q.20 Select the most appropriate synonym of the given word.

Inscrutable

- Ans  1. Incredible  
 2. Indelible  
 3. Inevitable  
 4. Inexplicable

Question ID : 65497842960  
Status : Answered  
Chosen Option : 4

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Marie was born in 1867 in Warsaw, Poland. At an (1)\_\_\_\_\_ age, she displayed a brilliant mind and a (2)\_\_\_\_\_ personality. Her great exuberance for learning (3)\_\_\_\_\_ her to study further. However, she became (4)\_\_\_\_\_ when she learned that the university was closed (5)\_\_\_\_\_ women. Determined to receive a higher education, she joined a French university.

**SubQuestion No : 21**

**Q.21** Select the most appropriate option to fill in blank no. 1.

- Ans**  1. early  
 2. ignorant  
 3. infant  
 4. young

Question ID : 65497842647  
Status : Answered  
Chosen Option : 1

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Marie was born in 1867 in Warsaw, Poland. At an (1)\_\_\_\_\_ age, she displayed a brilliant mind and a (2)\_\_\_\_\_ personality. Her great exuberance for learning (3)\_\_\_\_\_ her to study further. However, she became (4)\_\_\_\_\_ when she learned that the university was closed (5)\_\_\_\_\_ women. Determined to receive a higher education, she joined a French university.

**SubQuestion No : 22**

**Q.22** Select the most appropriate option to fill in blank no. 2.

- Ans**  1. bruised  
 2. blithe  
 3. brutal  
 4. bloated

Question ID : 65497842648  
Status : Answered  
Chosen Option : 2

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Marie was born in 1867 in Warsaw, Poland. At an (1)\_\_\_\_\_ age, she displayed a brilliant mind and a (2)\_\_\_\_\_ personality. Her great exuberance for learning (3)\_\_\_\_\_ her to study further. However, she became (4)\_\_\_\_\_ when she learned that the university was closed (5)\_\_\_\_\_ women. Determined to receive a higher education, she joined a French university.

**SubQuestion No : 23**

**Q.23** Select the most appropriate option to fill in blank no. 3.

- Ans**  1. prompted  
 2. promised  
 3. proposed  
 4. projected

Question ID : 65497842649  
Status : Answered  
Chosen Option : 1

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Marie was born in 1867 in Warsaw, Poland. At an (1)\_\_\_\_\_ age, she displayed a brilliant mind and a (2)\_\_\_\_\_ personality. Her great exuberance for learning (3)\_\_\_\_\_ her to study further. However, she became (4)\_\_\_\_\_ when she learned that the university was closed (5)\_\_\_\_\_ women. Determined to receive a higher education, she joined a French university.

**SubQuestion No : 24**

**Q.24** Select the most appropriate option to fill in blank no. 4.

- Ans**  1. distinguished  
 2. dishevelled  
 3. disgruntled  
 4. disfigured

Question ID : 65497842650  
Status : Answered  
Chosen Option : 3

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Marie was born in 1867 in Warsaw, Poland. At an (1)\_\_\_\_\_ age, she displayed a brilliant mind and a (2)\_\_\_\_\_ personality. Her great exuberance for learning (3)\_\_\_\_\_ her to study further. However, she became (4)\_\_\_\_\_ when she learned that the university was closed (5)\_\_\_\_\_ women. Determined to receive a higher education, she joined a French university.

**SubQuestion No : 25**

**Q.25** Select the most appropriate option to fill in blank no. 5.

- Ans  1. at  
 2. from  
 3. to  
 4. by

Question ID : 65497842651

Status : Answered

Chosen Option : 3

KD Job Updates



## Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ Bhagwanpur
Exam Date	12/04/2022
Exam Time	4:00 PM - 5:00 PM
Subject	CGLE 2021 Tier I

### Section : General Intelligence and Reasoning

Q.1 Select the option in which the given figure is embedded (rotation is NOT allowed).



Ans

✓ 1.



✗ 2.



✗ 3.



✗ 4.



Question ID : 65497843697

Status : Answered

Chosen Option : 1

**Q.2** Select the letter-cluster that can replace the question mark (?) in the following series.

YZT, WXR, UVP, ?

- Ans
- 1. TSM
  - 2. TSO
  - 3. STM
  - 4. STN

Question ID : 65497843481  
Status : Answered  
Chosen Option : 4

**Q.3** Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

LGG, PJL, KMO, OPT, LSG, ?

- Ans
- 1. PVL
  - 2. OVK
  - 3. NUL
  - 4. PUK

Question ID : 65497842464  
Status : Answered  
Chosen Option : 1

**Q.4** A cube of side 125 cm is painted red on all the faces and then cut into smaller cubes of sides 25 cm each. Find the number of smaller cubes having at least two faces painted.

- Ans
- 1. 48
  - 2. 36
  - 3. 44
  - 4. 52

Question ID : 65497842484  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.5** Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter cluster.

JLT : QPG :: SGB : ?

- Ans
- 1. HKY
  - 2. KJX
  - 3. FKX
  - 4. GLB

Question ID : 65497842669  
Status : Answered  
Chosen Option : 1

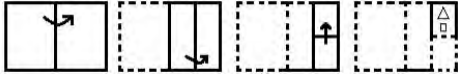
**Q.6** Select the correct combination of mathematical signs that can sequentially replace the \* signs and make the given equation correct.

$$55 * 126 * 14 * 520 * 30 * 5$$

- Ans  1.  $\times, \div, =, -, +$   
 2.  $+, \div, -, =, \times$   
 3.  $=, \times, +, \div, -$   
 4.  $=, -, +, \div, \times$

Question ID : 65497842481  
 Status : Answered  
 Chosen Option : 1

**Q.7** The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



- Ans  1.
- 2.
- 3.
- 4.

KD Job Updates

Question ID : 65497843295  
 Status : Answered  
 Chosen Option : 1

**Q.8** There are six members, P, Q, R, S, T and U, in a family. T is the brother of P's husband. U is the mother of T. Q is the daughter of S and P and the granddaughter of R. How is R related to T?

- Ans  1. Father  
 2. Son  
 3. Brother  
 4. Uncle

Question ID : 65497842169  
 Status : Answered  
 Chosen Option : 1

**Q.9** Select the number from among the given options that can replace the question mark (?) in the following series.

61, 70, 95, ?, 225, 346

Ans  1. 136

2. 144

3. 182

4. 132

Question ID : 65497843687  
Status : Answered  
Chosen Option : 2

**Q.10** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

All bean bags are chairs.

All chairs are couches.

All couches are sofas.

**Conclusions:**

I. Some sofas are couches.

II. Some couches are bean bags.

III. All couches are bean bags.

Ans  1. Only conclusions II and III follow.

2. Only conclusions I and II follow.

3. Only conclusion II follows.

4. All conclusions I, II and III follow.

Question ID : 65497842474  
Status : Answered  
Chosen Option : 2

**Q.11** Study the given pattern carefully and select the number from among the given options that can replace the question mark (?) in it.

24 36 32

6 3 ?

12 2 24

12 54 24

Ans  1. 10

2. 15

3. 18

4. 29

Question ID : 65497843691  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.12 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Manuscript
2. Minor
3. Melody
4. Malicious
5. Memory

Ans  1. 4, 1, 3, 5, 2

2. 4, 1, 5, 2, 3

3. 1, 3, 4, 5, 2

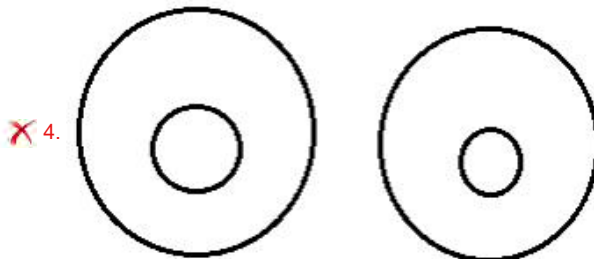
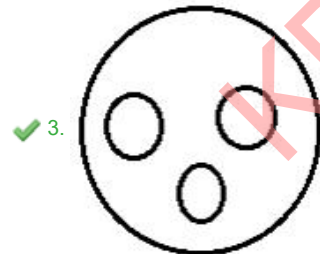
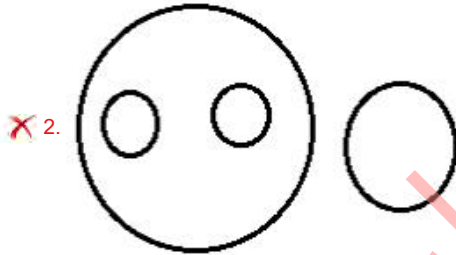
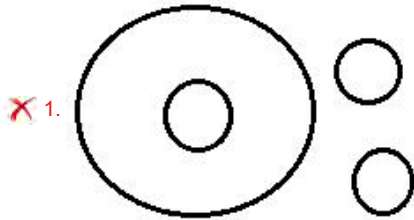
4. 1, 4, 3, 5, 2

Question ID : 65497844283  
Status : Answered  
Chosen Option : 1

Q.13 Select the Venn diagram that best represents the relationship between the following.

Furniture, Bed, Chair, Dining table

Ans



Question ID : 65497842690  
Status : Answered  
Chosen Option : 3

Q.14 Select the number from among the given options that can replace the question mark (?) in the following series.

352, 288, 252, 236, ?

- Ans  1. 220  
 2. 208  
 3. 232  
 4. 192

Question ID : 65497842476  
Status : Answered  
Chosen Option : 3

Q.15 In a certain code language, 'DURABLES' is written as 'BSVETFMC'. How will 'FEASIBLE' be written in that language?

- Ans  1. TBFFGMJC  
 2. TDFGFNCJ  
 3. TBGHFMDJ  
 4. TBFGFMCJ

Question ID : 65497843478  
Status : Answered  
Chosen Option : 4

Q.16 Avanish got 78% marks in an examination and Kapil got 64% marks in the same examination. If the sum of the marks obtained by Kapil and Avanish is 923, then find the marks obtained by Kapil in the examination.

- Ans  1. 507  
 2. 416  
 3. 458  
 4. 600

Question ID : 65497842680  
Status : Answered  
Chosen Option : 2

Q.17 Which two signs need to be interchanged to make the following equation correct?

$$9 \times 98 \div 14 + 3 - 19 = 11$$

- Ans  1. - and +  
 2. + and ×  
 3. - and ×  
 4. + and -

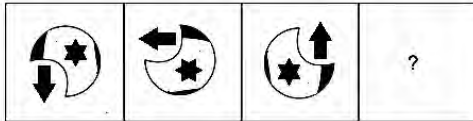
Question ID : 65497842177  
Status : Answered  
Chosen Option : 2

**Q.18** Six friends, David, Bhanu, Minto, Krita, John and Nisan, are sitting in a circle with their backs towards the centre. David and Minto are sitting to the immediate left and right of Bhanu, respectively. John is not sitting to the immediate left of David. Nisan is sitting third to the right of Bhanu. Who is sitting second to the left of Bhanu?

- Ans**
- 1. John
  - 2. Krita
  - 3. Nisan
  - 4. Minto

Question ID : 65497842170  
 Status : Answered  
 Chosen Option : 2

**Q.19** Select the figure from among the given options that can replace the question mark (?) in the following series.



**Ans**

- 1.
- 2.
- 3.
- 4.

Question ID : 65497842180  
 Status : Answered  
 Chosen Option : 4

Q.20 In a certain code language, 'take this vaccine' is written as '892', 'vaccine protects us' is written as '263', and 'take us safe' is written as '593'. How will 'safe vaccine' be written in that language?

Ans  1. 85

2. 25

3. 23

4. 26

Question ID : 65497843682

Status : Answered

Chosen Option : 2

Q.21 In a certain code language, 'SALT' is coded as '16', and 'PICKLE' is coded as '36'. How will 'PRESERVATIVE' be coded in that language?

Ans  1. 144

2. 88

3. 72

4. 96

Question ID : 65497843277

Status : Answered

Chosen Option : 1

Q.22 Select the option that is related to the third number in the same way as the second number is related to the first number.

68 : 321 :: 525 : ?

Ans  1. 852

2. 681

3. 778

4. 792

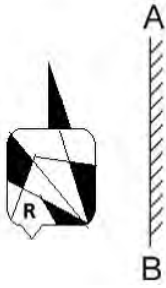
Question ID : 65497843285

Status : Not Attempted and  
Marked For Review

Chosen Option : --



Q.23 Select the correct mirror image of the given figure when the mirror is placed at 'AB' as shown.



Ans

X 1.



X 2.



✓ 3.



X 4.



KD Job Updates

Question ID : 65497842183

Status : Answered

Chosen Option : 3

**Q.24** One morning, Chitrashi and Ayaan sit facing each other. If the shadow of Ayaan falls to the left of Chitrashi, then in which direction is Ayaan facing?

- Ans**
- 1. North
  - 2. East
  - 3. South
  - 4. West

Question ID : 65497843290  
Status : Answered  
Chosen Option : 1

**Q.25** Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

- Ans**
- 1. FUBY
  - 2. WEKP
  - 3. SHOL
  - 4. PKRI

Question ID : 65497843678  
Status : Answered  
Chosen Option : 2

Section : General Awareness

**Q.1** \_\_\_\_\_ is a tax system that collects a greater share of income from those with high incomes than from those with lower incomes.

- Ans**
- 1. Proportional tax
  - 2. Regressive tax
  - 3. Payroll tax
  - 4. Progressive tax

Question ID : 65497843299  
Status : Not Answered  
Chosen Option : --

**Q.2** \_\_\_\_\_ is a form of ballad singing prevalent in Odisha.

- Ans**
- 1. Kajri
  - 2. Daskathia
  - 3. Powada
  - 4. Sohar

Question ID : 65497843701  
Status : Not Answered  
Chosen Option : --

**Q.3** As announced by the Ministry of Finance in January 2021, external debt as a ratio to GDP stood at \_\_\_\_\_ at the end of September 2020.

**Ans** ✓ 1. 21.6%

✗ 2. 18.2%

✗ 3. 16.9%

✗ 4. 12.4%

Question ID : **65497842190**  
Status : **Not Answered**  
Chosen Option : --

**Q.4** Which of the following is an indigenous dairy breed of cattle?

**Ans** ✓ 1. Red Sindhi

✗ 2. Chippiparai

✗ 3. Kanni

✗ 4. Kombai

Question ID : **65497842701**  
Status : **Not Answered**  
Chosen Option : --

**Q.5** In which of the following sessions of the Indian National Congress did George Yule become the President in 1888?

**Ans** ✗ 1. Calcutta

✓ 2. Allahabad

✗ 3. Madras

✗ 4. Bombay

Question ID : **65497843715**  
Status : **Marked For Review**  
Chosen Option : 3

**Q.6** The \_\_\_\_\_ Constitutional Amendment Act gave constitutional status to Panchayati Raj institutions.

**Ans** ✗ 1. 68th

✓ 2. 73rd

✗ 3. 82nd

✗ 4. 54th

Question ID : **65497842207**  
Status : **Answered**  
Chosen Option : 2

**Q.7** The Contempt of Courts Act was passed to define and limit the powers of certain courts in punishing contempt of courts and to regulate their procedure in relation thereto. In which of the following years was the Act passed?

Ans  1. 1971

2. 1975

3. 1969

4. 1982

Question ID : 65497843317

Status : Not Answered

Chosen Option : --

**Q.8** Urea, a commonly used nitrogen-based fertiliser, is prepared by the reaction between ammonia and \_\_\_\_\_.

Ans  1. carbon dioxide

2. hydrogen

3. oxygen

4. sulphur

Question ID : 65497842699

Status : Not Attempted and Marked For Review

Chosen Option : --

**Q.9** The greater one-horned rhino is listed under the Schedule \_\_\_\_\_ of the Wildlife Protection Act, 1972.

Ans  1. II

2. IV

3. III

4. I

Question ID : 65497843304

Status : Not Answered

Chosen Option : --

**Q.10** The Government of India held a vaccination programme called 'Tika Utsav' from \_\_\_\_\_.

Ans  1. 11th to 14th April 2021

2. 1st to 4th April 2021

3. 15th to 18th April 2021

4. 5th to 9th April 2021

Question ID : 65497842203

Status : Answered

Chosen Option : 2

Q.11 In which Indian state will you find Mount Tiyi?

- Ans  1. Arunachal Pradesh  
 2. Odisha  
 3. Himachal Pradesh  
 4. Nagaland

Question ID : 65497842501  
Status : Not Attempted and  
Marked For Review  
Chosen Option : --

Q.12 Which of the following rivers is also called Vyath?

- Ans  1. Jhelum  
 2. Zaskar  
 3. Tawi  
 4. Shyok

Question ID : 65497842197  
Status : Not Attempted and  
Marked For Review  
Chosen Option : --

Q.13 Who among the following was selected for Saraswati Samman'2020?

- Ans  1. Kiran Nagarkar  
 2. Sachin Kundalkar  
 3. Prakash Amte  
 4. Sharankumar Limbale

Question ID : 65497842710  
Status : Answered  
Chosen Option : 4

Q.14 In which of the following years was the Dowry Prohibition Act passed in India?

- Ans  1. 1967  
 2. 1961  
 3. 1952  
 4. 1959

Question ID : 65497843723  
Status : Not Attempted and  
Marked For Review  
Chosen Option : --

**Q.15** The Cabinet Committee on Economic Affairs (CCEA) approved an increase in the Minimum Support Prices (MSPs) for all mandated Rabi crops for the marketing season 2021–22 in line with the recommendations of the \_\_\_\_\_ Commission.

- Ans**
- 1. Kothari
  - 2. Nanavati
  - 3. Swaminathan
  - 4. Mukherjee

Question ID : **65497842694**  
Status : **Not Answered**  
Chosen Option : --

**Q.16** \_\_\_\_\_, a fluid secreted by new mothers during the initial days of lactation, contains nutrients that boost a baby's immune system and helps fight infection.

- Ans**
- 1. Sebum
  - 2. Synovia
  - 3. Colostrum
  - 4. Cerumen

Question ID : **65497843707**  
Status : **Not Answered**  
Chosen Option : --

**Q.17** In Jharkhand, the primitive form of cultivation is called:

- Ans**
- 1. Kuruwa
  - 2. Khil
  - 3. Kumari
  - 4. Valre

Question ID : **65497843714**  
Status : **Marked For Review**  
Chosen Option : 2

**Q.18** Which country does Dominic Thiem, the winner of 2020 U.S. Open Men's Championships, represent?

- Ans**
- 1. Germany
  - 2. The US
  - 3. Austria
  - 4. Denmark

Question ID : **65497842715**  
Status : **Answered**  
Chosen Option : 2

Q.19 The Bhaja Caves are located in \_\_\_\_\_.

- Ans  1. Uttar Pradesh  
 2. Maharashtra  
 3. Rajasthan  
 4. Bihar

Question ID : 65497842490  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.20 In which of the following years was the civil disobedience campaign completely ceased?

- Ans  1. 1917  
 2. 1934  
 3. 1923  
 4. 1943

Question ID : 65497843313  
Status : Marked For Review  
Chosen Option : 3

Q.21 Gold and copper happen to absorb \_\_\_\_\_ and violet light, leaving yellow light.

- Ans  1. green  
 2. blue  
 3. red  
 4. orange

Question ID : 65497842494  
Status : Not Answered  
Chosen Option : --

Q.22 The UN's Sustainable Development Goal 6 aims to \_\_\_\_\_.

- Ans  1. ensure healthy lives and promote well-being for all at all ages  
 2. ensure availability and sustainable management of water and sanitation for all  
 3. end poverty in all forms everywhere  
 4. take urgent action to combat climate change and its impact

Question ID : 65497842195  
Status : Answered  
Chosen Option : 1

Q.23 King Lalitaditya Muktapida ruled over \_\_\_\_\_.

- Ans  1. Gujarat  
 2. Sikkim  
 3. Kerala  
 4. Kashmir

Question ID : 65497842504  
Status : Not Answered  
Chosen Option : --

Q.24 Who among the following was India's longest serving prime minister as of April 2021?

- Ans  1. Jawaharlal Nehru  
 2. Indira Gandhi  
 3. IK Gujral  
 4. Narendra Modi

Question ID : 65497843315  
Status : Answered  
Chosen Option : 1

Q.25 Which of the following sports was included in the Khelo India Youth Games 2021 in a bid to develop it as a competitive sport ?

- Ans  1. Mukna  
 2. Yogasana  
 3. Dhopkhel  
 4. Mallakhamb

Question ID : 65497842512  
Status : Answered  
Chosen Option : 4

Section : Quantitative Aptitude

Q.1  $\tan^2 A + 5 \sec A = 13$ , where  $0 < A < 90^\circ$ . Solve for A (in degrees).

- Ans  1. 0  
 2. 60  
 3. 45  
 4. 30

Question ID : 65497843340  
Status : Answered  
Chosen Option : 4

Q.2 In  $\triangle ABC$ , AD is perpendicular to BC and AE is the bisector of  $\angle BAC$ . If  $\angle ABC = 58^\circ$  and  $\angle ACB = 34^\circ$ , then find the measure of  $\angle DAE$ .

- Ans  1.  $12^\circ$   
 2.  $11^\circ$   
 3.  $22^\circ$   
 4.  $15^\circ$

Question ID : 65497842228  
Status : Answered  
Chosen Option : 1



**Q.3** In a circle with centre O, AC and BD are two chords. AC and BD meet at E, when produced. If AB is a diameter and  $\angle AEB = 36^\circ$ , then the measure of  $\angle DOC$  is:

- Ans**
- 1.  $112^\circ$
  - 2.  $124^\circ$
  - 3.  $136^\circ$
  - 4.  $108^\circ$

Question ID : **65497842529**  
Status : **Answered**  
Chosen Option : **4**

**Q.4** If  $8k^6 + 15k^3 - 2 = 0$ , then the positive value of  $\left(k + \frac{1}{k}\right)$  is:

- Ans**
- 1.  $2\frac{1}{2}$
  - 2.  $2\frac{1}{8}$
  - 3.  $8\frac{1}{2}$
  - 4.  $8\frac{1}{8}$

Question ID : **65497843335**  
Status : **Answered**  
Chosen Option : **1**

**Q.5** If  $2k \sin 30^\circ \cos 30^\circ \cot 60^\circ = \frac{\cot^2 30^\circ \sec 60^\circ \tan 45^\circ}{\operatorname{cosec}^2 45^\circ \operatorname{cosec} 30^\circ}$ , then find the value of  $k$ .

- Ans**
- 1.  $\frac{3}{2}$
  - 2. **3**
  - 3. **1**
  - 4. **6**

Question ID : **65497842230**  
Status : **Answered**  
Chosen Option : **2**

**Q.6** A, B and C invested ₹40,000, ₹48,000 and ₹80,000, respectively, for a business at the start of a year. After six months, for the remaining time of the year, A added ₹4,000, B added ₹4,000 while C withdrew ₹4,000 every month. If the total profit is ₹6,72,000, then what is C's share (in ₹)?

- Ans**
- 1. 1,96,750
  - 2. 1,80,480
  - 3. 2,11,200
  - 4. 2,80,320

Question ID : 65497843329

Status : Not Attempted and Marked For Review

Chosen Option : --

**Q.7** The average of 15 numbers is 30, while the average of 13 of these numbers is 32. If the remaining two numbers are equal, then what is each of the two numbers?

- Ans**
- 1. 34
  - 2. 31
  - 3. 17
  - 4. 16

Question ID : 65497844651

Status : Answered

Chosen Option : 3

**Q.8** A certain sum on simple interest becomes ₹49,600 in 3 years and ₹56,000 in 5 years. If the rate of interest had been 2% more, then in how many years would the sum have doubled?

- Ans**
- 1. 10
  - 2. 8
  - 3. 12
  - 4. 20

Question ID : 65497843734

Status : Answered

Chosen Option : 1

**Q.9** In a circle, ABCD is a cyclic quadrilateral. AC and BD intersect each other at P. If  $AB = AC$  and  $\angle BAC = 48^\circ$ , then the measure of  $\angle ADC$  is

- Ans**
- 1.  $104^\circ$
  - 2.  $112^\circ$
  - 3.  $132^\circ$
  - 4.  $114^\circ$

Question ID : 65497843740

Status : Answered

Chosen Option : 4

**Q.10** Five men and 2 boys can do in 30 days as much work as 7 men and 10 boys can do in 15 days. How many boys should join 40 men to do the same work in 4 days?

- Ans**
- 1. 10
  - 2. 15
  - 3. 12
  - 4. 14

Question ID : 65497842220  
Status : Answered  
Chosen Option : 1

**Q.11** If  $8A5146B$  is divisible by 88, then what is the value of  $B^A$ ?

- Ans**
- 1. 81
  - 2. 64
  - 3. 15
  - 4. 12

Question ID : 65497842514  
Status : Answered  
Chosen Option : 2

**Q.12** The angles of a triangle are  $(8x - 15)^\circ$ ,  $(6x - 11)^\circ$  and  $(4x - 10)^\circ$ . What is the value of  $x$ ?

- Ans**
- 1. 12
  - 2. 16
  - 3. 15
  - 4. 18

Question ID : 65497843338  
Status : Answered  
Chosen Option : 1

**Q.13** If  $x - y + z = 0$ , then find the value of  $\frac{y^2}{2xz} - \frac{x^2}{2yz} - \frac{z^2}{2xy}$ .

- Ans**
- 1.  $\frac{3}{2}$
  - 2.  $\frac{1}{2}$
  - 3.  $-6$
  - 4.  $-\frac{3}{2}$

Question ID : 65497842223  
Status : Answered  
Chosen Option : 1

Q.14 The value of  $\frac{2}{7} - \frac{3}{8} - \left[ 2\frac{1}{4} \div 3\frac{1}{2} \text{ of } 1\frac{1}{3} + \left\{ 1\frac{17}{40} - \left( 3 - 1\frac{1}{5} - \frac{3}{8} \right) \right\} \right]$  is:

Ans

1.  $\frac{2}{7}$

2.  $-\frac{4}{7}$

3.  $-\frac{2}{7}$

4.  $\frac{4}{7}$

Question ID : 65497842718

Status : Answered

Chosen Option : 2

Q.15 A journey of 900 km is completed in 11 h. If two-fifth of the journey is completed at the speed of 60 km/h, at what speed (in km/h) is the remaining journey completed?

Ans

1. 108

2. 72

3. 84

4. 90

Question ID : 65497843332

Status : Answered

Chosen Option : 1

Q.16 From a point P on a level ground, the angle of elevation of the top of a tower is  $30^\circ$ . If the tower is  $110\sqrt{3}$  m high, what is the distance (in m) of point P from the foot of the tower?

Ans

1. 330

2. 220

3. 115

4. 110

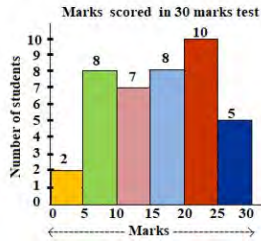
Question ID : 65497842736

Status : Answered

Chosen Option : 1

**Q.17** The following histogram shows the marks scored by 40 students in a test of 30 marks. A student has to score a minimum of 10 marks to pass the test.

What is the percentage of students who scored 20 or more marks? (correct to one decimal place)



- Ans**
- 1. 15%
  - 2. 57.5%
  - 3. 55%
  - 4. 37.5%

Question ID : 65497843750  
Status : Answered  
Chosen Option : 4

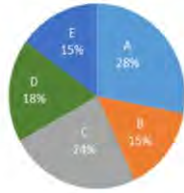
**Q.18** How many small solid spheres each of 5 mm radius can be made out of a metallic solid cone whose base has radius 21 cm and height 30 cm?

- Ans**
- 1. 32000
  - 2. 26460
  - 3. 25000
  - 4. 18260

Question ID : 65497844649  
Status : Answered  
Chosen Option : 2

**Q.19** The given pie chart shows the percentage of students in five schools and the table shows the ratio of boys and girls in each school.

Study the pie chart and table and answer the question that follows.



The below table shows the ratio of girls and boys in the given five schools

School	Girls : Boys
A	3 : 4
B	2 : 3
C	5 : 3
D	1 : 2
E	4 : 1

If the total number of girls from all five schools is represented as a pie chart, then what will be the measure of the sector angle (to the nearest integer) corresponding to school B?

- Ans**
- 1.  $48^\circ$
  - 2.  $32^\circ$
  - 3.  $58^\circ$
  - 4.  $42^\circ$

Question ID : **65497842738**  
 Status : **Not Attempted and Marked For Review**  
 Chosen Option : --

**Q.20** A and B are two prime numbers such that  $A > B$  and their LCM is 209. The value of  $A^2 - B$  is:

- Ans**
- 1. 350
  - 2. 372
  - 3. 361
  - 4. 339

Question ID : **65497842717**  
 Status : **Not Attempted and Marked For Review**  
 Chosen Option : --

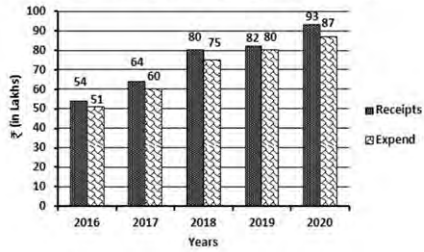
**Q.21** A dealer allows his customers a discount of 18% and still gains 24%. If an article costs ₹1,560 to the dealer, what is its marked price (to the nearest ₹)?

- Ans**
- 1. 2,565
  - 2. 2,024
  - 3. 2,168
  - 4. 2,359

Question ID : **65497843326**  
 Status : **Answered**  
 Chosen Option : 4

**Q.22** The following bar graph shows receipts and expenditure of a business firm over 5 years. Gain = Receipts – Expenditure.

What is the increase percentage in receipts from 2017 to 2018?



- Ans**
- 1. 6.6
  - 2. 25
  - 3. 2.5
  - 4. 20

Question ID : 65497842335  
 Status : Answered  
 Chosen Option : 2

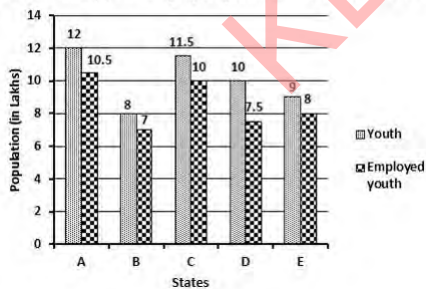
**Q.23** A person's salary was decreased by 50% and subsequently increased by 50% and then again increased by 100%. How much percentage does he lose or gain?

- Ans**
- 1. Loss of 40%
  - 2. Gain of 50%
  - 3. Gain of 25%
  - 4. Loss of 10%

Question ID : 65497842519  
 Status : Answered  
 Chosen Option : 2

**Q.24** The following bar graph shows the number of youth (in lakhs) and the number of employed youth (in lakhs) in five states A, B, C, D and E.

Which state(s) has employed youth less than 80% of its total youth population?



- Ans**
- 1. D
  - 2. B and D
  - 3. C and D
  - 4. A

Question ID : 65497843444  
 Status : Answered  
 Chosen Option : 1

**Q.25** Aditya sells two wrist watches from his personal collection for ₹12,600 each. On the first watch, he gains 26% and, on the second, he loses 10%. Find the overall gain or loss percentage.

- Ans**
- 1. Gain of 16%
  - 2. Gain of 5%
  - 3. Loss of 5%
  - 4. Gain of 12%

Question ID : **65497842217**  
Status : **Answered**  
Chosen Option : **4**

Section : **English Comprehension**

**Q.1** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

As it has been raining heavily / since two hours, / the children are / at home.

- Ans**
- 1. at home
  - 2. since two hours,
  - 3. As it has been raining heavily
  - 4. the children are

Question ID : **65497843247**  
Status : **Marked For Review**  
Chosen Option : **2**

**Q.2** Select the most appropriate **ANTONYM** of the given word.

Linger

- Ans**
- 1. Leave
  - 2. Choose
  - 3. Entertain
  - 4. Annoy

Question ID : **65497842557**  
Status : **Answered**  
Chosen Option : **4**

**Q.3** Select the option that can be used as a one-word substitute for the given group of words.

A medical condition in which somebody partly or completely loses their memory

- Ans**
- 1. Amnesia
  - 2. Asphyxia
  - 3. Anaemia
  - 4. Alopecia

Question ID : **65497843369**  
Status : **Answered**  
Chosen Option : **1**



**Q.4** Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

He's not so friendly like she is.

- Ans**  1. so friendly as  
 2. as friendly like  
 3. so friendly that  
 4. No improvement required

Question ID : 65497842755  
Status : Answered  
Chosen Option : 1

**Q.5** Select the INCORRECTLY spelt word.

- Ans**  1. Statutory  
 2. Stratagy  
 3. Stationary  
 4. Stationery

Question ID : 65497843371  
Status : Marked For Review  
Chosen Option : 4

**Q.6** The following sentence has been split into segments. One of them may contain an error. Identify the segment that contains a grammatical error. If you don't find any error, mark 'No error' as your answer.

How many / eggs were put / into the basket?

- Ans**  1. How many  
 2. No error  
 3. eggs were put  
 4. into the basket

Question ID : 65497842237  
Status : Answered  
Chosen Option : 3

**Q.7** Select the most appropriate option to fill in the blank.

This app is a very \_\_\_\_\_ one for online shopping.

- Ans**  1. convenience  
 2. competency  
 3. convenient  
 4. capable

Question ID : 65497842261  
Status : Answered  
Chosen Option : 3

**Q.8** Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

We might as well watch a film on TV as there's nothing much to do.

- Ans**  1. No improvement required  
 2. may as such  
 3. may as well as  
 4. might well

Question ID : 65497842552  
Status : Marked For Review  
Chosen Option : 4

**Q.9** Select the correct active voice form of the given sentence.

All the inmates were rescued from the building by the firemen.

- Ans**  1. The firemen are rescuing all the inmates from the building.  
 2. The firemen have been rescuing all the inmates from the building.  
 3. The firemen have rescued all the inmates from the building.  
 4. The firemen rescued all the inmates from the building.

Question ID : 65497842745  
Status : Answered  
Chosen Option : 4

**Q.10** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

We have / not met / some of our friends / since six months.

- Ans**  1. since six months  
 2. We have  
 3. not met  
 4. some of our friends

Question ID : 65497843754  
Status : Answered  
Chosen Option : 1

**Q.11** Select the correct active voice form of the given sentence.

All the prize winning books have been displayed on the tables.

- Ans**  1. We have to display all the prize winning books on the tables.  
 2. We are displaying all the prize winning books on the tables.  
 3. We have displayed all the prize winning books on the tables.  
 4. We will be displaying all the prize winning books on the tables.

Question ID : 65497843352  
Status : Answered  
Chosen Option : 3

**Q.12** Select the option that can be used as a one-word substitute for the given group of words.

The examination or observation of one's own mental and emotional processes

- Ans  1. Assessment  
 2. Introspection  
 3. Inspection  
 4. Valuation

Question ID : 65497843772  
Status : Answered  
Chosen Option : 2

**Q.13** Given below are four sentences which are jumbled. Pick the option that gives their correct order.

- A. Schools are closed for the Christmas and winter break at this time of the year.  
B. Christmas and New Year are the time of the year to celebrate.  
C. All over the city, winter carnivals and Christmas bazaars lend fun and warmth in the cold.  
D. For the second time in a row, we are likely to see restrained celebrations for fear of the pandemic raising its ugly head again.

- Ans  1. BADC  
 2. BACD  
 3. ABCD  
 4. BCDA

Question ID : 65497842756  
Status : Marked For Review  
Chosen Option : 2

**Q.14** Select the most appropriate meaning of the underlined idiom in the given sentence.

When I asked for an expensive dress for my friend's wedding, my mother reminded me that money does not grow on trees.

- Ans  1. Money is freely available to spend  
 2. Money is like leaves of a tree and freely available  
 3. Money grows on shrubs and there's plenty  
 4. Money is hard earned and limited

Question ID : 65497843770  
Status : Answered  
Chosen Option : 4

**Q.15** Select the most appropriate synonym of the given word.

Redundant

- Ans  1. Superfluous  
 2. Arrogant  
 3. Essential  
 4. Ignorant

Question ID : 65497843364  
Status : Marked For Review  
Chosen Option : 3

**Q.16** Select the most appropriate synonym of the given word.

**Urge**

- Ans**  1. Reply  
 2. Refuse  
 3. Protest  
 4. Appeal

Question ID : 65497842757  
Status : Answered  
Chosen Option : 4

**Q.17** Select the option that expresses the given sentence in reported speech.

**The teacher said, "Asif, go and wash your hands."**

- Ans**  1. The teacher told Asif go and wash your hands.  
 2. The teacher told Asif go and wash his hands.  
 3. The teacher told to Asif to go and wash his hands.  
 4. The teacher told Asif to go and wash his hands.

Question ID : 65497843763  
Status : Answered  
Chosen Option : 4

**Q.18** Select the most appropriate meaning of the given idiom.

**Lie low**

- Ans**  1. Sit on a low chair  
 2. Lie down and relax after a tiring day  
 3. Fly a plane at a low altitude  
 4. Try not to be noticed

Question ID : 65497842559  
Status : Answered  
Chosen Option : 4

**Q.19** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

**The policeman asked / many people but / no one was knowing / how the accident happened.**

- Ans**  1. how the accident happened  
 2. The policeman asked  
 3. no one was knowing  
 4. many people but

Question ID : 65497843349  
Status : Answered  
Chosen Option : 4

**Q.20** Select the option that can be used as a one-word substitute for the given group of words.

In exactly the same words as the original

- Ans**  1. Verbatim  
 2. Copy  
 3. Imitation  
 4. Duplicate

Question ID : 65497842259  
Status : Answered  
Chosen Option : 4

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

New cycle routes have been built in and around the centre of Birmingham and speed limits have been (1) \_\_\_\_\_ on selected roads. The scheme has now been in (2) \_\_\_\_\_ for a year and has been hailed as a (3) \_\_\_\_\_ success. Since the new speed limits were (4) \_\_\_\_\_, the number of accidents in the area have fallen (5) \_\_\_\_\_.

**SubQuestion No : 21**

**Q.21** Select the most appropriate option to fill in blank no.1.

- Ans**  1. shortened  
 2. scaled  
 3. lessened  
 4. reduced

Question ID : 65497842243  
Status : Answered  
Chosen Option : 4

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

New cycle routes have been built in and around the centre of Birmingham and speed limits have been (1) \_\_\_\_\_ on selected roads. The scheme has now been in (2) \_\_\_\_\_ for a year and has been hailed as a (3) \_\_\_\_\_ success. Since the new speed limits were (4) \_\_\_\_\_, the number of accidents in the area have fallen (5) \_\_\_\_\_.

**SubQuestion No : 22**

**Q.22** Select the most appropriate option to fill in blank no.2.

- Ans**  1. operation  
 2. activity  
 3. process  
 4. agency

Question ID : 65497842244  
Status : Answered  
Chosen Option : 1

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

New cycle routes have been built in and around the centre of Birmingham and speed limits have been (1) \_\_\_\_\_ on selected roads. The scheme has now been in (2) \_\_\_\_\_ for a year and has been hailed as a (3) \_\_\_\_\_ success. Since the new speed limits were (4) \_\_\_\_\_, the number of accidents in the area have fallen (5) \_\_\_\_\_.

**SubQuestion No : 23**

**Q.23 Select the most appropriate option to fill in blank no.3.**

- Ans  1. greater  
 2. more greater  
 3. greatest  
 4. great

Question ID : 65497842245  
Status : Answered  
Chosen Option : 4

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

New cycle routes have been built in and around the centre of Birmingham and speed limits have been (1) \_\_\_\_\_ on selected roads. The scheme has now been in (2) \_\_\_\_\_ for a year and has been hailed as a (3) \_\_\_\_\_ success. Since the new speed limits were (4) \_\_\_\_\_, the number of accidents in the area have fallen (5) \_\_\_\_\_.

**SubQuestion No : 24**

**Q.24 Select the most appropriate option to fill in blank no.4.**

- Ans  1. compelled  
 2. dictated  
 3. enforced  
 4. exacted

Question ID : 65497842246  
Status : Answered  
Chosen Option : 3

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

New cycle routes have been built in and around the centre of Birmingham and speed limits have been (1) \_\_\_\_\_ on selected roads. The scheme has now been in (2) \_\_\_\_\_ for a year and has been hailed as a (3) \_\_\_\_\_ success. Since the new speed limits were (4) \_\_\_\_\_, the number of accidents in the area have fallen (5) \_\_\_\_\_.

**SubQuestion No : 25**

**Q.25 Select the most appropriate option to fill in blank no.5.**

- Ans  1. desperately  
 2. extremely  
 3. drastically  
 4. terribly

Question ID : 65497842247  
Status : Answered  
Chosen Option : 3

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KD Job Updates

## Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate Name	
Venue Name	Webinfotron Technologies Pvt. Ltd.
Exam Date	13/04/2022
Exam Time	9:00 AM - 10:00 AM
Subject	CGLE 2021 Tier I

### Section : General Intelligence and Reasoning

**Q.1** Select the number from among the given options that can replace the question mark (?) in the following series.

24, ?, 52, 312, 320

- Ans
- 1. 42
  - 2. 35
  - 3. 30
  - 4. 48

Question ID : 65497843485  
Status : Answered  
Chosen Option : 4

**Q.2** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

All employees are tax-payers.  
Some employees are farmers.  
Some farmers are doctors.

**Conclusions:**

I. No farmer is a tax-payer.  
II. Some farmers are tax-payers.

- Ans
- 1. Only conclusion II follows.
  - 2. Only conclusion I follows.
  - 3. Both the conclusions follow.
  - 4. Either conclusion I or II follows.

Question ID : 65497843989  
Status : Answered  
Chosen Option : 1



**Q.3** Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

**ECDR, BGYW, YKTB, VOOG, ?, PWEQ**

- Ans**  1. SSJL  
 2. RSIL  
 3. SRJL  
 4. SSKM

Question ID : **65497843979**  
Status : **Answered**  
Chosen Option : **1**

**Q.4** Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

- Ans**  1. BUMD  
 2. WPHY  
 3. MFXO  
 4. GZSH

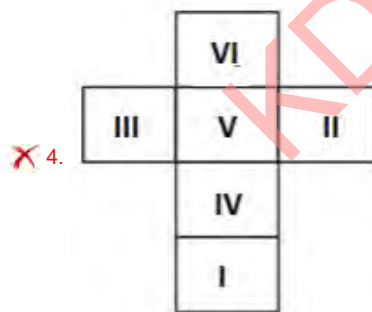
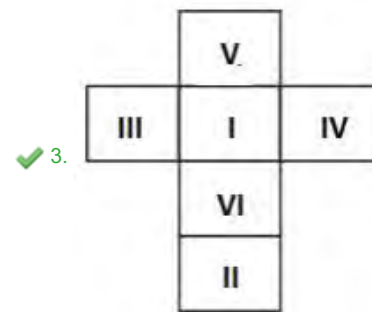
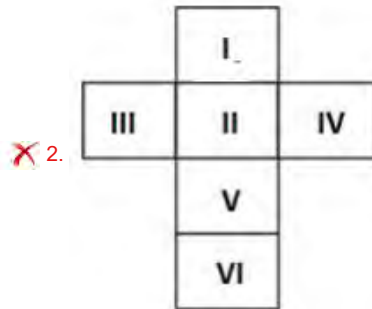
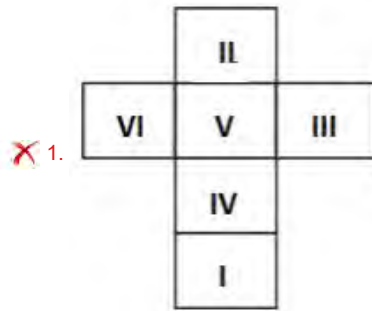
Question ID : **65497843476**  
Status : **Answered**  
Chosen Option : **4**

KD Job Updates

Q.5 Two orientations of a dice are shown. This dice can be obtained by folding which of the option figures along the lines?



Ans



Question ID : 65497842785  
Status : Answered  
Chosen Option : 3

Q.6 Select the option that is related to the third term in the same way as the second term is related to the first term.

IVORY : ZWSPJ :: CREAM : ?

- Ans  1. BQDZL  
 2. NFDQB  
 3. DSFCN  
 4. SNFDB

Question ID : 65497843073  
Status : Answered  
Chosen Option : 2

Q.7 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Magnetic
2. Magnify
3. Magnet
4. Magical
5. Majesty

- Ans  1. 4, 3, 2, 1, 5  
 2. 4, 3, 1, 2, 5  
 3. 4, 1, 3, 2, 5  
 4. 3, 1, 4, 2, 5

Question ID : 65497843576  
Status : Answered  
Chosen Option : 1

Q.8 Five friends, H, I, J, K and L, are top rank holders of a school. The rank of H is just above the rank of K and just below the rank of L. I is at the top rank and J is not at the lowest rank. Who among them is at the lowest rank?

- Ans  1. M  
 2. L  
 3. K  
 4. J

Question ID : 65497842069  
Status : Answered  
Chosen Option : 4

Q.9 Which two signs should be interchanged to make the given equation correct?

$$28 + 14 \times 7 \div 5 - 18 = 20$$

- Ans  1. + and +  
 2. + and -  
 3. + and ×  
 4. ÷ and ×

Question ID : 65497843996  
Status : Answered  
Chosen Option : 1

Q.10 Which two signs need to be interchanged to make the following equation correct?

$$72 \times 18 \div 9 + 19 - 39 = 16$$

- Ans
- 1. - and ×
  - 2. + and ×
  - 3. - and +
  - 4. ÷ and ×

Question ID : 65497842076  
Status : Answered  
Chosen Option : 4

Q.11 In a certain code language, 'POTATO' is coded as 32-30-40-2-40-30 and 'TURNIP' is coded as 40-42-36-28-18-32. How will 'RADISH' be coded in that language?

- Ans
- 1. 36-1-4-19-16
  - 2. 18-2-4-19-18
  - 3. 18-1-8-38-18
  - 4. 36-2-8-38-16

Question ID : 65497842772  
Status : Answered  
Chosen Option : 4

Q.12 Study the given pattern carefully and select the number from among the given options that can replace the question mark (?) in it.15

15 81 12  
18 99 15  
17 120 ?

- Ans
- 1. 11
  - 2. 13
  - 3. 9
  - 4. 16

Question ID : 65497843489  
Status : Answered  
Chosen Option : 2

Q.13 Select the option in which the given figure is embedded (rotation is NOT allowed).



Ans

✓ 1.



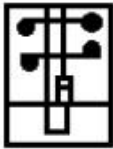
✗ 2.



✗ 3.



✗ 4.



Question ID : 65497843495

Status : Answered

Chosen Option : 1

Q.14 In a class of 98 students, all play at least one of the three games — snooker, chess and tennis. 42 students play snooker, 49 play tennis, and 43 play chess. The total number of students who play any and only two games is 29. 5 students play all the three games. The number of students who play only snooker and only chess is equal. 11 students play only snooker and tennis. 6 students play only snooker and chess. How many students play only tennis?

Ans ✓ 1. 21

✗ 2. 23

✗ 3. 20

✗ 4. 22

Question ID : 65497843084

Status : Not Answered

Chosen Option : --

Q.15 In a certain code language, 'this is fact' is written as 'cuz duz ruz', 'fact is fictional' is written as 'guz ruz cuz', and 'doubt is clear' is written as 'cuz kuz buz'. How will 'this is fictional' be written in that language?

Ans ✗ 1. duz guz ruz

✗ 2. duz buz cuz

✗ 3. kuz guz ruz

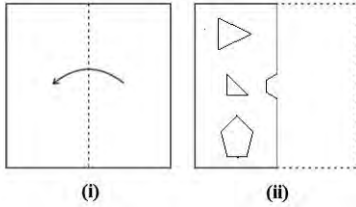
✓ 4. duz guz cuz

Question ID : 65497843480

Status : Answered

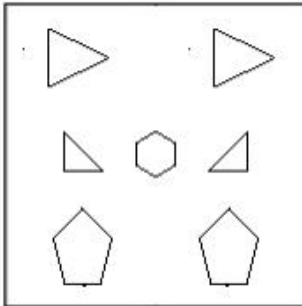
Chosen Option : 4

**Q.16** The sequence of folding a piece of paper (figure i) and the manner in which the folded paper has been cut (figures ii) is shown in the following figures. Select the option that would most closely resemble the unfolded form of figure (ii).

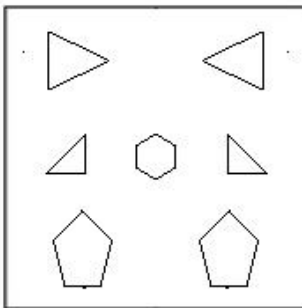


**Ans**

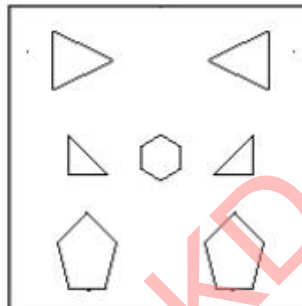
1.



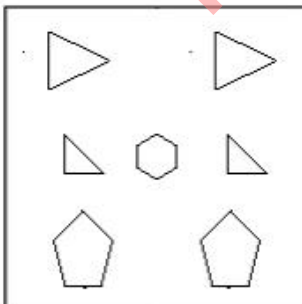
2.



3.



4.

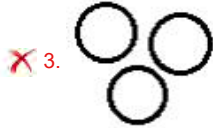
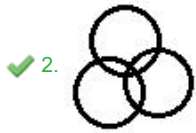
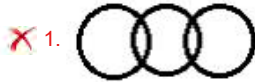


Question ID : 65497842790  
 Status : Answered  
 Chosen Option : 3

Q.17 Select the Venn diagram that best illustrates the relationship between the following classes.

Athletes, Boys, Students

Ans



Question ID : 65497843094  
Status : Answered  
Chosen Option : 2

Q.18 Select the option that is related to the third number in the same way as the second number is related to the first number.

27 : 576 :: 19 : ?

Ans

1. 328

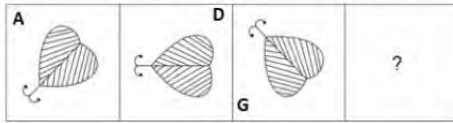
2. 543

3. 256

4. 498

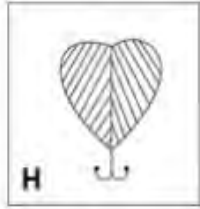
Question ID : 65497842780  
Status : Answered  
Chosen Option : 3

Q.19 Select the figure from among the given options that can replace the question mark (?) in the following series.

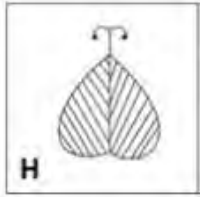


Ans

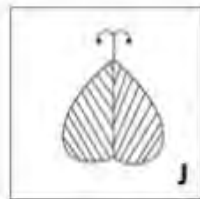
1.



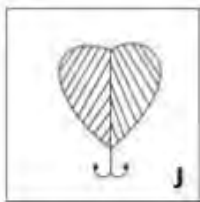
2.



3.



4.



Question ID : 65497842079  
Status : Answered  
Chosen Option : 3

Q.20 Pointing towards a woman, Reena said, "She is the only daughter of my father-in-law."  
How is the woman related to Reena?

- Ans
- 1. Sister
  - 2. Mother
  - 3. Daughter
  - 4. Sister-in-law

Question ID : 65497842068  
Status : Answered  
Chosen Option : 4



**Q.21** Select the number from among the given options that can replace the question mark (?) in the following series.

74, 74, 72, 24, ?, 4

- Ans**
- 1. 21
  - 2. 20
  - 3. 15
  - 4. 9

Question ID : 65497843991  
Status : Answered  
Chosen Option : 2

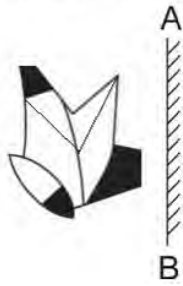
**Q.22** In a certain code language, 'FOREST' is written as 'GUSITU', and 'MANGROVE' is written as 'NEOHSUWI'. How will 'REINCARNATE' be written in that language?

- Ans**
- 1. SIOODESOEUI
  - 2. SFOFDESOBUI
  - 3. QIOQDESOEUF
  - 4. SIOODESOEFF

Question ID : 65497844084  
Status : Answered  
Chosen Option : 1

KD Job Updates

**Q.23** Select the correct mirror image of the given figure when the mirror is placed at 'AB' as shown.



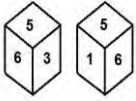
**Ans**



KD Job Updates

Question ID : 65497842082  
Status : Answered  
Chosen Option : 2

**Q.24** Two different positions of the same dice are shown, the six faces of which are numbered from 1 to 6. Select the number that will be on the face opposite to the face having the number '3'.



- Ans
- 1. 2
  - 2. 1
  - 3. 6
  - 4. 4

Question ID : 65497843999  
Status : Answered  
Chosen Option : 2

**Q.25** Which letter will replace the question mark (?) in the following letter series?

E, J, N, Q, S, ?

- Ans
- 1. T
  - 2. V
  - 3. U
  - 4. S

Question ID : 65497844087  
Status : Answered  
Chosen Option : 1

Section : General Awareness

**Q.1** Who among the following won P4 gold at the AI Ain 2021 Para Shooting World Cup in March 2021?

- Ans
- 1. Manish Narwal
  - 2. Singhraj Adhana
  - 3. Rahul Jakhar
  - 4. Deepender Singh

Question ID : 65497843119  
Status : Not Answered  
Chosen Option : --

**Q.2** Acidic nature of soil is shown by high concentration of \_\_\_\_\_.

- Ans
- 1. hydrogen
  - 2. phosphorous
  - 3. nitrogen
  - 4. oxygen

Question ID : 65497844016  
Status : Answered  
Chosen Option : 2

**Q.3** Who among the following is the Director of The Nehru Centre in London as of April 2021?

- Ans**  1. Amish Tripathi  
 2. Chetan Bhagat  
 3. Vikram Seth  
 4. Amitav Ghosh

Question ID : **65497842810**  
Status : **Answered**  
Chosen Option : **3**

**Q.4** In which of the following places is the difference between the day and night temperatures likely to be the highest?

- Ans**  1. Chilika Lake  
 2. Mount Everest  
 3. Thar Desert  
 4. Andaman and Nicobar Islands

Question ID : **65497844009**  
Status : **Answered**  
Chosen Option : **3**

**Q.5** The Minimum Support Price (MSP) for which of the following Rabi crops was increased by ₹50 per quintal over the previous year, in the marketing season 2021-22?

- Ans**  1. Barley  
 2. Gram  
 3. Safflower  
 4. Wheat

Question ID : **65497843098**  
Status : **Answered**  
Chosen Option : **4**

**Q.6** The rooftop of Guru Hemkund Sahib is in the shape of an upturned \_\_\_\_\_.

- Ans**  1. lotus  
 2. sunflower  
 3. rose  
 4. marigold

Question ID : **65497844005**  
Status : **Not Answered**  
Chosen Option : **--**

Q.7 Which of the following Indian Acts was passed in the year 2005?

- Ans
- 1. The Biological Diversity Act
  - 2. The Prevention of Money-Laundering Act
  - 3. The Competition Act
  - 4. The Protection of Women from Domestic Violence Act

Question ID : 65497842106  
Status : Answered  
Chosen Option : 4

Q.8 The \_\_\_\_\_ radiation belts are giant swaths of magnetically trapped highly energetic charged particles that surround Earth.

- Ans
- 1. Van Allen
  - 2. Aurora
  - 3. Kuiper
  - 4. Chinook

Question ID : 65497843103  
Status : Answered  
Chosen Option : 2

Q.9 Madagascar is located in the \_\_\_\_\_ Ocean.

- Ans
- 1. Pacific
  - 2. Arctic
  - 3. Indian
  - 4. Atlantic

Question ID : 65497842096  
Status : Answered  
Chosen Option : 3

Q.10 \_\_\_\_\_ received the 'Global Goalkeeper' Award by Bill and Melinda Gates Foundation for Swachh Bharat Abhiyan, on 24 September 2019.

- Ans
- 1. Ramnath Kovind
  - 2. Narendra Modi
  - 3. Pranab Mukherjee
  - 4. Manmohan Singh

Question ID : 65497843105  
Status : Answered  
Chosen Option : 2

Q.11 Where in India is the 'slash and burn' agriculture known as 'Kuruwa'?

- Ans
- 1. Western Ghats
  - 2. Himalayan Belt
  - 3. State of Odisha
  - 4. State of Jharkhand

Question ID : 65497843512  
Status : Answered  
Chosen Option : 4

Q.12 With a donation of ₹7,904 crore, \_\_\_\_\_ was declared the most generous philanthropist in India by the 'EdelGive Hurun India Philanthropy List 2020'.

- Ans  1. Azim Premji  
 2. Kumar Mangalam Birla  
 3. Mukesh Ambani  
 4. Shiv Nadar

Question ID : 65497842102  
Status : Answered  
Chosen Option : 1

Q.13 Which of the following events occurred first during the Indian National Movement?

- Ans  1. Arrival of Simon Commission  
 2. Partition of Bengal  
 3. Kheda Satyagraha  
 4. Dandi March

Question ID : 65497842808  
Status : Answered  
Chosen Option : 2

Q.14 The \_\_\_\_\_ Amendment of the Constitution of India envisages the Gram Sabha as the foundation of the Panchayat Raj System to perform functions and powers entrusted to it by the State Legislatures.

- Ans  1. 71st  
 2. 72nd  
 3. 73rd  
 4. 74th

Question ID : 65497843521  
Status : Answered  
Chosen Option : 3

Q.15 \_\_\_\_\_ is a vocal form of music from the state of Punjab.

- Ans  1. Qawwali  
 2. Ghazal  
 3. Tappa  
 4. Bhajan

Question ID : 65497843499  
Status : Answered  
Chosen Option : 3

Q.16 Dantidurga, who set up his capital at Malkhed was a \_\_\_\_\_ ruler.

- Ans
- 1. Pala
  - 2. Pratihara
  - 3. Rashtrakuta
  - 4. Satavahana

Question ID : 65497843513  
Status : Answered  
Chosen Option : 3

Q.17 Badminton player \_\_\_\_\_ won the All England Open men's single title in March 2021.

- Ans
- 1. Lee Chong Wei
  - 2. Momota Kento
  - 3. Viktor Axelsen
  - 4. Lee Zii Jia

Question ID : 65497844027  
Status : Not Answered  
Chosen Option : --

Q.18 As per Economic Survey 2020-2021, India's real GDP is estimated to grow by \_\_\_\_\_ in financial year 2021-22.

- Ans
- 1. 3%
  - 2. 11%
  - 3. 7%
  - 4. 9%

Question ID : 65497842089  
Status : Answered  
Chosen Option : 4

Q.19 The range of \_\_\_\_\_ force is of the order of  $10^{-16}$  m.

- Ans
- 1. electromagnetic
  - 2. gravitational
  - 3. strong nuclear
  - 4. weak nuclear

Question ID : 65497843505  
Status : Answered  
Chosen Option : 4

**Q.20** Which of the following Amendments to the Constitution of India was passed with the primary objective to constitutionally encode the re-organisation of Indian States based on language?

- Ans**
- 1. Tenth Amendment
  - 2. Sixth Amendment
  - 3. Seventh Amendment
  - 4. Fourth Amendment

Question ID : **65497842812**  
Status : **Answered**  
Chosen Option : **3**

**Q.21** In the Rigvedas there is a hymn in the form of a dialogue between Sage Vishvamitra and two rivers that were worshipped as goddesses. Which are these rivers?

- Ans**
- 1. Alakananda and Bhagirathi
  - 2. Ravi and Chenab
  - 3. Ganga and Yamuna
  - 4. Beas and Sutlej

Question ID : **65497844019**  
Status : **Answered**  
Chosen Option : **2**

**Q.22** Who among the following was the first Dr Shanti Swarup Bhatnagar awardee?

- Ans**
- 1. MN Saha
  - 2. KS Krishnan
  - 3. CV Raman
  - 4. S Chandrasekhar

Question ID : **65497843114**  
Status : **Not Answered**  
Chosen Option : --

**Q.23** The \_\_\_\_\_ aims to provide tap water connection to every rural home by 2024.

- Ans**
- 1. Jal Kranti Abhiyan
  - 2. Jal Shakti Abhiyan
  - 3. Atal Bhujal Yojana
  - 4. Jal Jeevan Mission

Question ID : **65497842094**  
Status : **Answered**  
Chosen Option : **3**



**Q.24** As per Union Budget 2021-22, Fiscal deficit is estimated at \_\_\_\_\_ per cent of GDP in 2021-22.

- Ans**
- 1. 5.1
  - 2. 6.8
  - 3. 7.6
  - 4. 7.2

Question ID : 65497842794  
Status : Answered  
Chosen Option : 2

**Q.25** \_\_\_\_\_ refers to an environment in which oxygen is readily available.

- Ans**
- 1. Anthropogenic
  - 2. Anaerobic
  - 3. Aerobic
  - 4. Acidification

Question ID : 65497842799  
Status : Answered  
Chosen Option : 3

Section : Quantitative Aptitude

**Q.1** 13,  $a$ ,  $b$ ,  $c$  are four distinct numbers and the HCF of each pair of numbers  $(13, a)$ ;  $(13, b)$ ;  $(13, c)$  is 13, where  $a$ ,  $b$ ,  $c$  are each less than 60 and  $a < b < c$ . What is the value of  $\frac{a+c}{b}$ ?

- Ans**
- 1. 3.5
  - 2. 2
  - 3. 5
  - 4. 4.5

Question ID : 65497843121  
Status : Not Answered  
Chosen Option : --

**Q.2** A train covers a distance of 225 km in  $2\frac{1}{2}$  hours with a uniform speed. The time taken, in hours, to cover a distance of 450 km with the same speed is:

- Ans**
- 1. 5
  - 2. 4
  - 3. 3
  - 4. 6

Question ID : 65497842827  
Status : Answered  
Chosen Option : 1

**Q.3** In  $\triangle ABC$ , D is a point on side BC such that  $\angle ADC = \angle BAC$ . If CA = 12 cm, CD = 8 cm, then CB (in cm) = ?

- Ans**
- 1. 18
  - 2. 12
  - 3. 15
  - 4. 10

Question ID : 65497842833  
Status : Answered  
Chosen Option : 1

**Q.4** Find the value of the following expression:

$$\frac{\tan^3 45^\circ + 4 \cos^3 60^\circ}{2 \operatorname{cosec}^2 45^\circ - 3 \sec^2 30^\circ + \sin 30^\circ}$$

- Ans**
- 1.  $\frac{3}{4}$
  - 2.  $1 + \sqrt{2}$
  - 3.  $\frac{4}{3}$
  - 4. 3

Question ID : 65497842129  
Status : Answered  
Chosen Option : 4

**Q.5** A, B and C start a business. A invests  $33\frac{1}{3}\%$  of the total capital, B invests 25% of the remaining and C, the rest. If the total profit at the end of the year is ₹2,19,000, then A's share (in ₹) is:

- Ans**
- 1. 65,000
  - 2. 71,000
  - 3. 73,000
  - 4. 79,000

Question ID : 65497842824  
Status : Answered  
Chosen Option : 3

**Q.6** Chords AB and CD of a circle, when produced, meet at the point P. If AB = 6.3 cm, BP = 4.5 cm, and CD = 3.6 cm, then the length (in cm) of PD is

- Ans**
- 1. 4.8 cm
  - 2. 3.5 cm
  - 3. 3.1 cm
  - 4. 5.4 cm

Question ID : 65497844044  
Status : Answered  
Chosen Option : 4

**Q.7** The average of five numbers is 30. If one number is excluded, the average becomes 31. What is the excluded number?

- Ans**
- 1. 26
  - 2. 24
  - 3. 31
  - 4. 30

Question ID : 65497844643  
Status : Answered  
Chosen Option : 1

**Q.8** A cylindrical vessel of diameter 32 cm is partially filled with water. A solid metallic sphere of radius 12 cm is dropped into it. What will be the increase in the level of water in the vessel (in cm)?

- Ans**
- 1. 9
  - 2. 72
  - 3. 27
  - 4. 2.25

Question ID : 65497842122  
Status : Answered  
Chosen Option : 1

**Q.9** If  $5 \sin \theta - 4 \cos \theta = 0$ ,  $0^\circ < \theta < 90^\circ$ , then the value of  $\frac{5 \sin \theta + 2 \cos \theta}{5 \sin \theta + 3 \cos \theta}$  is:

- Ans**
- 1.  $\frac{4}{7}$
  - 2.  $\frac{6}{7}$
  - 3.  $\frac{2}{7}$
  - 4.  $\frac{3}{7}$

Question ID : 65497842835  
Status : Answered  
Chosen Option : 2

Q.10 If the length of a diagonal of a square is  $(a+b)$ , then the area of the square is:

- Ans
- 1.  $a^2 + b^2$
  - 2.  $\frac{1}{2}(a^2 + b^2) + ab$
  - 3.  $a^2 + b^2 + 2ab$
  - 4.  $\frac{1}{2}(a^2 + b^2)$

Question ID : 65497844641

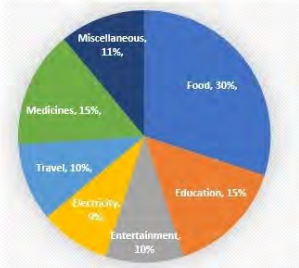
Status : Answered

Chosen Option : 4

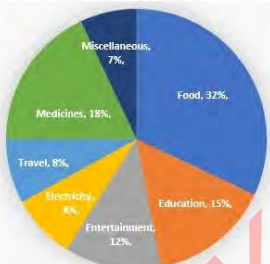
Q.11 The given pie charts show the monthly household expenditure of Family A and Family B under various heads. The monthly expenditures incurred for Family A and Family B are ₹50,000 and ₹75,000, respectively.

Study the charts carefully and answer the question that follows.

Monthly Household Expenditure of ₹50,000 under various heads of Family A



Monthly household expenditure of ₹75,000 under various heads for Family B



If the monthly expenditures of both families are combined together then the expenditures on Entertainment of both families together will be what percentage of the total monthly expenditures of both families? Express your answer to the nearest integer.

- Ans
- 1. 23%
  - 2. 10%
  - 3. 22%
  - 4. 11%

Question ID : 65497843142

Status : Not Answered

Chosen Option : --

**Q.12** If  $x + y + z = 18$ ,  $xyz = 81$  and  $xy + yz + zx = 90$ , then the value of  $x^3 + y^3 + z^3 + xyz$  is:

- Ans**
- 1. 1321
  - 2. 1296
  - 3. 1225
  - 4. 1250

Question ID : 65497842830  
Status : Answered  
Chosen Option : 2

**Q.13** A tea seller used to make 50% of profit by selling tea at ₹9 per cup. When the cost of ingredients increased by 25%, he started selling tea at ₹10 per cup. What is his profit percentage now?

- Ans**
- 1.  $33\frac{2}{3}$
  - 2. 25
  - 3.  $33\frac{1}{3}$
  - 4. 30

Question ID : 65497842116  
Status : Answered  
Chosen Option : 3

**Q.14** If 4 men and 6 boys can do a work in 8 days and 6 men and 4 boys can do the same work in 7 days, then how many days will 5 men and 4 boys take to do the same work?

- Ans**
- 1. 6
  - 2. 8
  - 3. 5
  - 4. 7

Question ID : 65497842119  
Status : Answered  
Chosen Option : 2

**Q.15** A shopkeeper allows 28% discount on the marked price of an article and still makes a profit of 20%. If he gains ₹3,080 on the sale of one article, then what is the selling price (in ₹) of the article?

- Ans**
- 1. 14,880
  - 2. 18,480
  - 3. 18,840
  - 4. 10,884

Question ID : 65497844654  
Status : Answered  
Chosen Option : 2

**Q.16** What is the value of  $x$ , if

$$5\left(1 - \frac{x}{5}\right) - (5 - x) - \frac{1}{200} \text{ of } (20 - x) = 0.08?$$

- Ans**
- 1. 36
  - 2. 9
  - 3. 18
  - 4. 24

Question ID : 65497843122  
Status : Answered  
Chosen Option : 3

**Q.17** In a triangle ABC, D and E are points on BC such that AD = AE and  $\angle BAD = \angle CAE$ . If AB =  $(2p + 3)$ , BD =  $2p$ , AC =  $(3q - 1)$  and CE =  $q$ , then find the value of  $(p + q)$ .

- Ans**
- 1. 3
  - 2. 4.5
  - 3. 3.6
  - 4. 2

Question ID : 65497842127  
Status : Not Answered  
Chosen Option : --

**Q.18** In a circle of diameter 20 cm, chords AB and CD are parallel to each other. BC is diameter. If AB is 6 cm from the centre of the circle, what is the length (in cm) of the chord CD?

- Ans**
- 1. 8
  - 2. 12
  - 3. 20
  - 4. 16

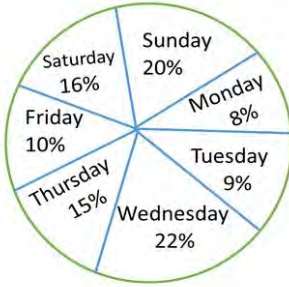
Question ID : 65497843538  
Status : Answered  
Chosen Option : 1

**Q.19** A kite flying at a height of 120 m is attached to a string which makes an angle of  $60^\circ$  with the horizontal. What is the length (in m) of the string?

- Ans**
- 1.  $90\sqrt{3}$
  - 2.  $75\sqrt{3}$
  - 3.  $84\sqrt{3}$
  - 4.  $80\sqrt{3}$

Question ID : 65497843140  
Status : Answered  
Chosen Option : 4

**Q.20** The given pie chart represents the percentage-wise distribution of the total number of vanilla cakes and chocolate cakes sold every day. The total number of cakes sold in a week = 10500. Study the pie chart and answer the question that follows.



The ratio of vanilla cakes sold to chocolate cakes sold on Friday is 4:3. If the price of one vanilla cake is ₹9 and that of one chocolate cake is ₹10, then the total amount earned (in ₹) by selling all vanilla cakes and chocolate cakes on Friday is:

- Ans**
- 1. 8,900
  - 2. 10,000
  - 3. 9,900
  - 4. 11,000

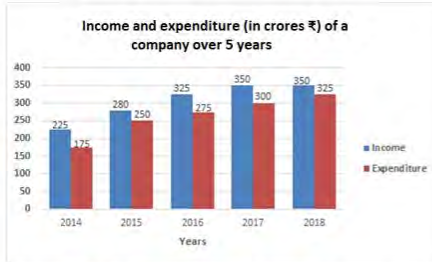
Question ID : 65497844254  
Status : Answered  
Chosen Option : 3

**Q.21** Simple interest on a certain sum is one-fourth of the sum and the interest rate percentage per annum is 4 times the number of years. If the rate of interest increases by 2%, then what will be the simple interest (in ₹) on ₹5,000 for 3 years?

- Ans**
- 1. 300
  - 2. 1,500
  - 3. 2,000
  - 4. 1,800

Question ID : 65497843532  
Status : Answered  
Chosen Option : 4

**Q.22** The given bar graph shows the income and expenditure (in crores ₹) of a company over 5 years, from 2014 to 2018. Study the bar graph and answer the question that follows.



In which of the following years is the ratio of expenditure to income the minimum?

- Ans**
- 1. 2016
  - 2. 2017
  - 3. 2018
  - 4. 2014

Question ID : 65497842537  
Status : Answered  
Chosen Option : 3

**Q.23** If the 9-digit number  $7x79251y8$  is divisible by 36, What is the value of  $(10x^2 - 3y^2)$  for the largest possible value of  $y$ ?

- Ans**
- 1. 490
  - 2. 289
  - 3. 192
  - 4. 298

Question ID : 65497844029  
Status : Not Answered  
Chosen Option : --

**Q.24** In a factory with 400 employees, the ratio of the number of male employees to that of female employees is 5 : 3. There are 87.5% regular employees in the factory. If 92% of male employees are regular employees, then what is the percentage of regular female employees?

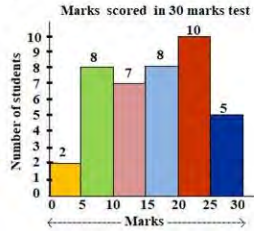
- Ans**
- 1. 80%
  - 2. 78%
  - 3. 87.5%
  - 4. 85%

Question ID : 65497844034  
Status : Answered  
Chosen Option : 1



**Q.25** The following histogram shows the marks scored by 40 students in a test of 30 marks. A student has to score a minimum of 10 marks to pass the test.

How many students have passed the test and obtained less than 50% marks?



- Ans**
- 1. 17
  - 2. 7
  - 3. 15
  - 4. 10

Question ID : 65497843548  
Status : Answered  
Chosen Option : 1

Section : English Comprehension

**Q.1** Select the option that expresses the given sentence in direct speech.

Manan said that he had no work to do that day.

- Ans**
- 1. Manan said, "I have no work to do today."
  - 2. Manan said, "I have no work to do that day."
  - 3. Manan said, "Have I no work to do today?"
  - 4. Manan says, "I had no work to do that day."

Question ID : 65497843561  
Status : Answered  
Chosen Option : 1

**Q.2** Select the most appropriate synonym of the given word.

Lacuna

- Ans**
- 1. Misfortune
  - 2. Languor
  - 3. Apathy
  - 4. Hiatus

Question ID : 65497842859  
Status : Answered  
Chosen Option : 3

**Q.3** Select the most appropriate **ANTONYM** of the given word.

**Ascent**

**Ans**  1. Descent

2. Patent

3. Present

4. Resent

Question ID : 65497844072

Status : Answered

Chosen Option : 1

**Q.4** Select the most appropriate meaning of the given idiom.

**Dark horse**

**Ans**  1. An honest fellow

2. An unexpected winner

3. A mean person

4. A slow runner

Question ID : 65497844074

Status : Answered

Chosen Option : 2

**Q.5** Select the correct passive voice of the given sentence.

**Preeti invited Ritu for a party.**

**Ans**  1. Ritu is invited for a party by Preeti.

2. Ritu was invited for a party by Preeti.

3. Preeti has been invited for a party by Ritu.

4. Preeti was invited for a party by Ritu.

Question ID : 65497843149

Status : Answered

Chosen Option : 2

**Q.6** Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'. The old lady needed love and care beyond money.

**Ans**  1. besides

2. No substitution required

3. beside

4. beneath

Question ID : 65497844067

Status : Answered

Chosen Option : 1

**Q.7** Select the most appropriate **ANTONYM** of the given word.

**CLENCH**

- Ans**
- 1. Tighten
  - 2. Clasp
  - 3. Hold
  - 4. Relax

Question ID : **65497843568**  
Status : **Answered**  
Chosen Option : **4**

**Q.8** Select the option that expresses the given sentence in passive voice.

**The Smiths have put up a huge Christmas tree.**

- Ans**
- 1. A huge Christmas tree has been put up by the Smiths.
  - 2. A huge Christmas tree is put up by the Smiths.
  - 3. A huge Christmas tree is being put up by the Smiths.
  - 4. A huge Christmas tree was put up by the Smiths.

Question ID : **65497842847**  
Status : **Answered**  
Chosen Option : **1**

**Q.9** The following sentence has been divided into parts. One of them contains an error. Select the part that contains the error from the given options.

**This question / is quite too / simple for me / to answer.**

- Ans**
- 1. to answer
  - 2. is quite too
  - 3. This question
  - 4. simple for me

Question ID : **65497842844**  
Status : **Answered**  
Chosen Option : **2**

**Q.10** Select the option that can be used as a one-word substitute for the given group of words.

**Drawings or writing scribbled on walls in public places**

- Ans**
- 1. Graffiti
  - 2. Posters
  - 3. Sketches
  - 4. Hoardings

Question ID : **65497842158**  
Status : **Answered**  
Chosen Option : **1**

Q.11 Select the most appropriate synonym of the given word.

Solemn

- Ans  1. Dignified  
 2. Trivial  
 3. Excited  
 4. Frivolous

Question ID : 65497843161  
Status : Answered  
Chosen Option : 4

Q.12 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

There is a very little time / for them to prepare / for the show.

- Ans  1. for them to prepare  
 2. for the show  
 3. No error  
 4. There is a very little time

Question ID : 65497843552  
Status : Answered  
Chosen Option : 3

Q.13 Select the most appropriate option to fill in the blank.

Harish's voice \_\_\_\_\_ in the empty rooms of their new house.

- Ans  1. relapsed  
 2. reverted  
 3. resounded  
 4. resorted

Question ID : 65497842160  
Status : Answered  
Chosen Option : 2

Q.14 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

If he wants / farther information, / send him / to me.

- Ans  1. farther information  
 2. to me  
 3. If he wants  
 4. send him

Question ID : 65497842943  
Status : Answered  
Chosen Option : 1

**Q.15** Select the option that can be used as a one-word substitute for the given group of words.

**Study of insects**

- Ans**  1. Entomology  
 2. Geology  
 3. Ecology  
 4. Biology

Question ID : 65497842864  
Status : Answered  
Chosen Option : 1

**Q.16** Select the most appropriate meaning of the given idiom.

**Stone's throw**

- Ans**  1. Short distance  
 2. Large hurdle  
 3. Difficult problem  
 4. Hurt slightly

Question ID : 65497843570  
Status : Answered  
Chosen Option : 1

**Q.17** Select the INCORRECTLY spelt word.

- Ans**  1. Aisle  
 2. Adorn  
 3. Attick  
 4. Altar

Question ID : 65497842866  
Status : Answered  
Chosen Option : 3

**Q.18** Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

I imagine you have learnt a valuable lesson from this experience, didn't you?

- Ans**  1. did you?  
 2. haven't you?  
 3. have you?  
 4. No substitution required

Question ID : 65497843159  
Status : Answered  
Chosen Option : 2

**Q.19** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Your eldest sister / lives in / a big city, / does she?

- Ans**  1. lives in  
 2. does she  
 3. a big city  
 4. Your eldest sister

Question ID : 65497843246  
Status : Answered  
Chosen Option : 2

**Q.20** Given below are four sentences which are jumbled. Pick the option that gives their correct order.

- A. It is a Park quite different from any other we have seen.  
B. One difference is that it is made from nearly 250 tons of scrap.  
C. Another difference is that it is powered by wind and solar energy  
D. A new Park called Bharat Darshan Park has been thrown open to the public in New Delhi.

- Ans**  1. ACDB  
 2. DABC  
 3. BACD  
 4. DBCA

Question ID : 65497843160  
Status : Answered  
Chosen Option : 2

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

If you thought that yoga was all about bending and twisting your body in odd shapes, it's time to rethink. Yoga is (1) \_\_\_\_\_ more. In very simple words, giving care (2) \_\_\_\_\_ your body, mind and breath is yoga. Derived (3) \_\_\_\_\_ the Sankrit word 'yuj' which means 'to unite or integrate', yoga is (4) \_\_\_\_\_ 5,000-year-old Indian body of knowledge. Yoga is all about harmonising the body (5) \_\_\_\_\_ the mind and breath through means of various breathing exercises, yoga poses (asanas) and meditation.

**SubQuestion No : 21**

**Q.21** Select the most appropriate option to fill in blank no. 1.

- Ans**  1. many  
 2. much  
 3. all  
 4. few

Question ID : 65497842142  
Status : Answered  
Chosen Option : 2

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

If you thought that yoga was all about bending and twisting your body in odd shapes, it's time to rethink. Yoga is (1) \_\_\_\_\_ more. In very simple words, giving care (2) \_\_\_\_\_ your body, mind and breath is yoga. Derived (3) \_\_\_\_\_ the Sankrit word 'yuj' which means 'to unite or integrate', yoga is (4) \_\_\_\_\_ 5,000-year-old Indian body of knowledge. Yoga is all about harmonising the body (5) \_\_\_\_\_ the mind and breath through means of various breathing exercises, yoga poses (asanas) and meditation.

**SubQuestion No : 22**

**Q.22** Select the most appropriate option to fill in blank no. 2.

- Ans  1. on  
 2. to  
 3. at  
 4. for

Question ID : 65497842143  
Status : Answered  
Chosen Option : 2

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

If you thought that yoga was all about bending and twisting your body in odd shapes, it's time to rethink. Yoga is (1) \_\_\_\_\_ more. In very simple words, giving care (2) \_\_\_\_\_ your body, mind and breath is yoga. Derived (3) \_\_\_\_\_ the Sankrit word 'yuj' which means 'to unite or integrate', yoga is (4) \_\_\_\_\_ 5,000-year-old Indian body of knowledge. Yoga is all about harmonising the body (5) \_\_\_\_\_ the mind and breath through means of various breathing exercises, yoga poses (asanas) and meditation.

**SubQuestion No : 23**

**Q.23** Select the most appropriate option to fill in blank no. 3.

- Ans  1. by  
 2. from  
 3. of  
 4. out

Question ID : 65497842144  
Status : Answered  
Chosen Option : 2

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

If you thought that yoga was all about bending and twisting your body in odd shapes, it's time to rethink. Yoga is (1) \_\_\_\_\_ more. In very simple words, giving care (2) \_\_\_\_\_ your body, mind and breath is yoga. Derived (3) \_\_\_\_\_ the Sankrit word 'yuj' which means 'to unite or integrate', yoga is (4) \_\_\_\_\_ 5,000-year-old Indian body of knowledge. Yoga is all about harmonising the body (5) \_\_\_\_\_ the mind and breath through means of various breathing exercises, yoga poses (asanas) and meditation.

**SubQuestion No : 24**

**Q.24** Select the most appropriate option to fill in blank no. 4.

- Ans  1. one  
 2. a  
 3. the  
 4. an

Question ID : 65497842145  
Status : Answered  
Chosen Option : 2

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

If you thought that yoga was all about bending and twisting your body in odd shapes, it's time to rethink. Yoga is (1) \_\_\_\_\_ more. In very simple words, giving care (2) \_\_\_\_\_ your body, mind and breath is yoga. Derived (3) \_\_\_\_\_ the Sankrit word 'yuj' which means 'to unite or integrate', yoga is (4) \_\_\_\_\_ 5,000-year-old Indian body of knowledge. Yoga is all about harmonising the body (5) \_\_\_\_\_ the mind and breath through means of various breathing exercises, yoga poses (asanas) and meditation.

**SubQuestion No : 25**

**Q.25** Select the most appropriate option to fill in blank no. 5.

- Ans  1. on  
 2. across  
 3. at  
 4. with

Question ID : 65497842146  
Status : Answered  
Chosen Option : 2



## Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ Luthergeri
Exam Date	13/04/2022
Exam Time	12:30 PM - 1:30 PM
Subject	CGLE 2021 Tier I

### Section : General Intelligence and Reasoning

**Q.1** Seven friends, E, F, G, H, I, J and K, are sitting along a circular table facing towards the centre. F and I are sitting to the immediate left and right of G, respectively. H is sitting third to the left of G. E and I are the neighbours of J. Who is sitting to the immediate right of H?

- Ans
- 1. H
  - 2. F
  - 3. K
  - 4. E

Question ID : 65497842776  
Status : Answered  
Chosen Option : 3

**Q.2** In a certain code language, 'ONION' is coded as 201 and 'POTATO' is coded as 261. How will 'MANGO' be coded in that language?

- Ans
- 1. 208
  - 2. 178
  - 3. 150
  - 4. 228

Question ID : 65497842469  
Status : Answered  
Chosen Option : 3

**Q.3** A cube of side 49 cm is painted purple on all the faces and then cut into smaller cubes of sides 7 cm each. Find the number of smaller cubes having only one face painted.

- Ans
- 1. 100
  - 2. 25
  - 3. 50
  - 4. 150

Question ID : 65497842888  
Status : Not Answered  
Chosen Option : --

**Q.4** In a certain code language, 'first of all' is written as 'kan dan san', 'who is first' is written as 'zan kan ven', and 'this is pale' is written as 'ven gen len'. How will 'who' be written in that language?

**Ans** ✓ 1. zan

✗ 2. yen

✗ 3. kan

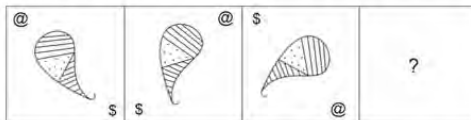
✗ 4. gen

Question ID : 65497843177

Status : Answered

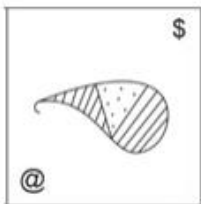
Chosen Option : 1

**Q.5** Select the figure from among the given options that can replace the question mark (?) in the following series.

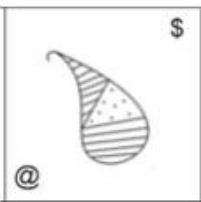


**Ans**

✓ 1.



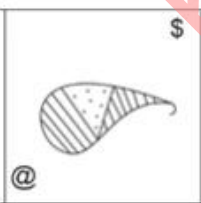
✗ 2.



✗ 3.



✗ 4.



Question ID : 65497842786

Status : Answered

Chosen Option : 1

**Q.6** Five years ago, the ratio of the ages of Tarun and Saurabh was 4 : 1. After five years, the ratio of their ages will be 2 : 1. What is the present age (in years) of Saurabh?

- Ans**
- 1. 14
  - 2. 10
  - 3. 8
  - 4. 12

Question ID : **65497842579**  
Status : **Answered**  
Chosen Option : **2**

**Q.7** Mahesh is the father of Riva and paternal grandfather of Vansh. Aakash is the brother of Riva and father of Vansh and Ritu. Ritu is the only daughter of Aakash and Maya. How is Maya related to Mahesh?

- Ans**
- 1. Daughter-in-law
  - 2. Aunt
  - 3. Sister
  - 4. Daughter

Question ID : **65497842775**  
Status : **Answered**  
Chosen Option : **1**

**Q.8** Which two numbers need to be interchanged to make the following equation correct?

$$7 + 56 \div 8 \times 2 - 13 = 11$$

- Ans**
- 1. 7 and 13
  - 2. 7 and 2
  - 3. 8 and 2
  - 4. 7 and 8

Question ID : **65497842783**  
Status : **Answered**  
Chosen Option : **4**

**Q.9** Study the given pattern carefully and select the number that can replace the question mark (?) in it.

15 9 144  
18 12 ?  
22 17 195

- Ans**
- 1. 188
  - 2. 255
  - 3. 180
  - 4. 224

Question ID : **65497843186**  
Status : **Answered**  
Chosen Option : **3**

**Q.10** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

Some pencils are pens.

All pens are papers.

All pencils are colours.

**Conclusions:**

I. All colours are pens.

II. Some colours are pencils.

III. Some papers are pens.

**Ans**  1. Only conclusion II follows.

2. All conclusions I, II and III follow.

3. Only conclusions II and III follow.

4. Only conclusions I and II follow.

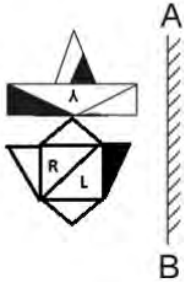
Question ID : 65497842878

Status : Answered

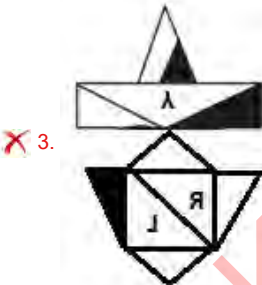
Chosen Option : 3

KD Job Updates

Q.11 Select the correct mirror image of the given figure when the mirror is placed at 'AB' as shown.



Ans



Question ID : 65497842789  
Status : Answered  
Chosen Option : 1

**Q.12** Sahasra started running from her house towards the north. After 40 meters she turned left and ran for 75 meters. She then turned right and ran for 30 meters, and again turned right to run 75 meters. In which direction was she running finally?

- Ans**
- 1. South
  - 2. North
  - 3. West
  - 4. East

Question ID : 65497842482  
Status : Answered  
Chosen Option : 4

**Q.13** Select the number from among the given options that can replace the question mark (?) in the following series.

61, 99, 152, 222, 312, ?

- Ans**
- 1. 452
  - 2. 426
  - 3. 398
  - 4. 412

Question ID : 65497843182  
Status : Answered  
Chosen Option : 2

**Q.14** Select the correct combination of mathematical signs that can sequentially replace the \* signs and make the given equation correct.

$88 * 120 * 42 * 240 * 48 * 2$

- Ans**
- 1. +, +, -, =, ×
  - 2. ×, +, =, -, +
  - 3. =, ×, +, ÷, -
  - 4. =, -, +, ÷, ×

Question ID : 65497842885  
Status : Answered  
Chosen Option : 4

**Q.15** Select the number from among the given options that can replace the question mark (?) in the following series.

298, 217, 168, 143, ?

- Ans**
- 1. 138
  - 2. 134
  - 3. 112
  - 4. 128

Question ID : 65497842880  
Status : Answered  
Chosen Option : 2

**Q.16** Select the correct option that indicates the arrangement of the given words in a logical and meaningful order.

1. Treatment
2. Recovery
3. Virus
4. Symptoms
5. Infection

- Ans
- 1. 3, 5, 4, 2, 1
  - 2. 3, 5, 4, 1, 2
  - 3. 2, 5, 1, 4, 5
  - 4. 4, 5, 3, 1, 2

Question ID : 65497843273  
Status : Answered  
Chosen Option : 2

**Q.17** In a certain code language, 'FLASK' is written as 'IPFYR'. How will 'TOURS' be written in that language?

- Ans
- 1. WSXZX
  - 2. WSYYZ
  - 3. WTZXZ
  - 4. WRZXY

Question ID : 65497843377  
Status : Answered  
Chosen Option : 1

**Q.18** Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

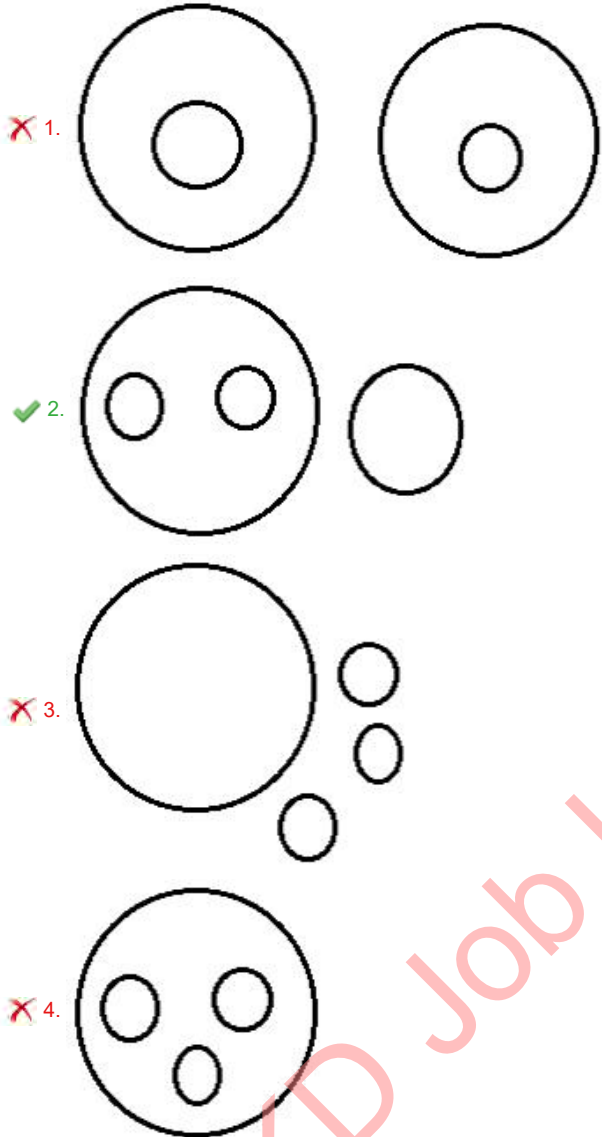
- Ans
- 1. VZDHN
  - 2. KOSWA
  - 3. BFJNR
  - 4. QUYCG

Question ID : 65497843173  
Status : Answered  
Chosen Option : 1

Q.19 Select the Venn diagram that best represents the relationship between the following.

Noncommunicable diseases, Cataract, Diabetes, Measles

Ans



Question ID : 65497842589

Status : Not Answered

Chosen Option : --

Q.20 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

r \_ k n \_ c \_ \_ h \_ \_ b c b t \_ k \_ b c b

- Ans
- ✗ 1. h b b s k n h c
  - ✗ 2. h c b s k n b n
  - ✓ 3. h b b s k n h n
  - ✗ 4. h b c q k n h n

Question ID : 65497843380

Status : Answered

Chosen Option : 3



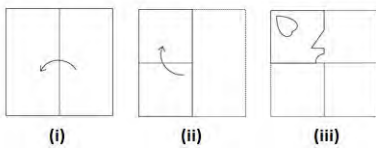
**Q.21** Select the option that is related to the third number in the same way as the second number is related to the first number.

68 : 19 :: 164 : ?

- Ans
- 1. 41
  - 2. 43
  - 3. 39
  - 4. 45

Question ID : 65497842477  
 Status : Not Answered  
 Chosen Option : --

**Q.22** The sequence of folding a piece of paper (figures i and ii) and the manner in which the folded paper has been cut (figure iii) is shown in the following figures. Select the option that would most closely resemble the unfolded form of figure (iii).



Ans

- 1.
- 2.
- 3.
- 4.

Question ID : 65497842487  
 Status : Answered  
 Chosen Option : 4

Q.23 Select the option that is NOT embedded in the given figure (X) (rotation is NOT allowed).



(X)

Ans

1.



2.



3.



4.



Question ID : 65497843192  
Status : Answered  
Chosen Option : 2

Q.24 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

CAF, HEJ, SIQ, XMU, CQF, ?

Ans

1. MUU

2. HUU

3. TUK

4. MUJ

Question ID : 65497842868  
Status : Answered  
Chosen Option : 2

Q.25 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter cluster.

RJB : TGF :: QPG : ?

Ans

1. SMK

2. SOJ

3. TNJ

4. RMK

Question ID : 65497842568  
Status : Answered  
Chosen Option : 1

**Q.1 Which of the following became the second state in the country to achieve 100% functional household tap connections (FHTCs)?**

- Ans**
- 1. Kerala
  - 2. Sikkim
  - 3. Telangana
  - 4. Mizoram

Question ID : **65497843202**  
Status : **Not Answered**  
Chosen Option : --

**Q.2 Which of the following is an Indian 'not for profit' organisation, working on sustainable solutions to make sanitation and water accessible to all?**

- Ans**
- 1. Pratham
  - 2. Helpage India
  - 3. Goonj
  - 4. Sulabh International

Question ID : **65497842801**  
Status : **Answered**  
Chosen Option : 4

**Q.3 Which of the following legislations ought to allow senior Indian magistrates to preside over cases involving British subjects in India?**

- Ans**
- 1. Ilbert Bill, 1884
  - 2. Ingress into India Ordinance, 1914
  - 3. Government of India Act, 1919
  - 4. Age of Consent Act, 1891

Question ID : **65497842908**  
Status : **Not Answered**  
Chosen Option : --

**Q.4 The \_\_\_\_\_ is the extended margin of each continent occupied by relatively shallow seas and gulfs.**

- Ans**
- 1. deep sea plain
  - 2. oceanic deeps
  - 3. continental slope
  - 4. continental shelf

Question ID : **65497843209**  
Status : **Not Answered**  
Chosen Option : --

**Q.5** As per Economic Survey 2020–21, India entered the top 50 innovating countries for the first time in \_\_\_\_\_ since the inception of the Global Innovation Index in 2007.

- Ans**
- 1. 2019
  - 2. 2018
  - 3. 2020
  - 4. 2017

Question ID : **65497842593**  
Status : **Answered**  
Chosen Option : **3**

**Q.6** Who among the following freedom fighters hoisted the Indian flag at the Gowalia Tank Maidan in Mumbai during the Quit India Movement?

- Ans**
- 1. Aruna Asaf Ali
  - 2. Sarojini Naidu
  - 3. Tara Rani Srivastava
  - 4. Matangini Hazra

Question ID : **65497842505**  
Status : **Not Answered**  
Chosen Option : **--**

**Q.7** Which of the following animals has more than one heart?

- Ans**
- 1. Porcupine
  - 2. Chameleon
  - 3. Tortoise
  - 4. Octopus

Question ID : **65497842496**  
Status : **Answered**  
Chosen Option : **2**

**Q.8** Who among the following defeated Harshavardhana when he invaded the Chalukya kingdom in the Deccan?

- Ans**
- 1. Mangalesha
  - 2. Pulakesin II
  - 3. Vikramaditya I
  - 4. Kirtivarman I

Question ID : **65497843210**  
Status : **Not Answered**  
Chosen Option : **--**

Q.9 \_\_\_\_\_ is defined as the temperature to which the air would have to cool (at constant pressure and constant water vapour content) in order to reach saturation.

Ans  1. Dew point temperature

2. Air temperature

3. Relative humidity

4. Surface temperature

Question ID : 65497842600  
Status : Answered  
Chosen Option : 3

Q.10 Who became the first player to hit 350 sixes during IPL2021?

Ans  1. AB de Villiers

2. MS Dhoni

3. Chris Gayle

4. Rohit Sharma

Question ID : 65497842916  
Status : Answered  
Chosen Option : 1

Q.11 The 60th Amendment to the Constitution of India increased the ceiling of profession tax from ₹ 250 p.a. to \_\_\_\_\_ p.a.

Ans  1. ₹7,000

2. ₹5,000

3. ₹1,000

4. ₹2,500

Question ID : 65497842509  
Status : Not Answered  
Chosen Option : --

Q.12 Who among the following was named Wisden Almanack's ODI player of the 2010s in April 2021?

Ans  1. Virat Kohli

2. Rahul Dravid

3. Sachin Tendulkar

4. MS Dhoni

Question ID : 65497842609  
Status : Answered  
Chosen Option : 1

Q.13 The salinity of ocean waters is calculated as the amount of salt (in gm) dissolved in \_\_\_\_\_ gm of seawater.

- Ans  1. 10,000  
 2. 1000  
 3. 100  
 4. 10

Question ID : 65497842803  
Status : Answered  
Chosen Option : 1

Q.14 What is the projected growth rate of Gross Domestic Product (GDP) for India in 2021 as given by The International Monetary Fund (IMF) in April 2021?

- Ans  1. 13.7%  
 2. 10.2%  
 3. 11.6%  
 4. 12.5%

Question ID : 65497842796  
Status : Answered  
Chosen Option : 1

Q.15 Who among the following is the President of Federation of Indian Chambers of Commerce and Industries (FICCI) as of April 2021?

- Ans  1. Uday Shankar  
 2. Deepak Parekh  
 3. Girish Chandra Chaturvedi  
 4. Rakesh Makhija

Question ID : 65497842809  
Status : Not Answered  
Chosen Option : --

Q.16 Which of the following is a book written by Avni Doshi?

- Ans  1. In Other Words  
 2. Burnt Sugar  
 3. Unaccustomed Earth  
 4. Interpreter of Maladies

Question ID : 65497842507  
Status : Not Answered  
Chosen Option : --

Q.17 India banned unregulated deposit schemes through an Act passed in the year \_\_\_\_\_.

Ans  1. 2019

2. 2016

3. 2017

4. 2018

Question ID : 65497842813  
Status : Not Answered  
Chosen Option : --

Q.18 'Ummatt-aat' is a folk dance form performed in \_\_\_\_\_.

Ans  1. Kasauli

2. Coorg

3. Itanagar

4. Gangtok

Question ID : 65497843196  
Status : Not Answered  
Chosen Option : --

Q.19 Who among the following Indian wrestlers became World No. 1 in 65-kg freestyle wrestling in March 2021?

Ans  1. Bajrang Punia

2. Sushil Kumar

3. Yogeshwar Dutt

4. Pawan Kumar

Question ID : 65497842614  
Status : Answered  
Chosen Option : 1

Q.20 In which of the following years did the resolution at the Karachi Session of the Indian National Congress dwell on how Independent India's Constitution should look?

Ans  1. 1931

2. 1928

3. 1946

4. 1945

Question ID : 65497843218  
Status : Answered  
Chosen Option : 1

Q.21 Which of the following is a characteristic of fibres in relation to plant anatomy?

- Ans  1. Possess only pitted thickenings  
 2. Possess oblique end walls  
 3. Responsible for conduction and also mechanical support  
 4. Possess various shorted cells

Question ID : 65497842898  
Status : Not Answered  
Chosen Option : --

Q.22 In which of the following Indian states will you find the Netarhat Mountains, also called 'Queen of Chotanagpur'?

- Ans  1. West Bengal  
 2. Jharkhand  
 3. Odisha  
 4. Chhattisgarh

Question ID : 65497842905  
Status : Answered  
Chosen Option : 3

Q.23 Under the Jal Jeevan Mission (JJM), what is the target year to provide Functional Household Tap Connection (FHTC) to every rural household in India?

- Ans  1. 2025  
 2. 2022  
 3. 2024  
 4. 2023

Question ID : 65497842598  
Status : Answered  
Chosen Option : 1

Q.24 \_\_\_\_\_ is one of the languages in which the denomination is printed on the reverse of a contemporary Indian currency note.

- Ans  1. Burmese  
 2. Sinhala  
 3. Nepali  
 4. Dzongkha

Question ID : 65497842491  
Status : Answered  
Chosen Option : 3



**Q.25** In which of the following towns will you find the 'Kachari Ruins'?

- Ans
- 1. Shimla
  - 2. Bilaspur
  - 3. Gangtok
  - 4. Dimapur

Question ID : 65497842894  
Status : Not Answered  
Chosen Option : --

Section : **Quantitative Aptitude**

**Q.1** A man bought toffees at 3 for a rupee. How many toffees for a rupee must he sell to gain 50%?

- Ans
- 1. 4
  - 2. 1
  - 3. 3
  - 4. 2

Question ID : 65497842823  
Status : Answered  
Chosen Option : 1

**Q.2** Chords AB and CD of a circle intersect externally at P. If AB = 7 cm, CD = 1 cm and PD = 5 cm, then the length of PB (in cm) is:

- Ans
- 1. 3
  - 2. 10
  - 3. 8
  - 4. 5

Question ID : 65497842933  
Status : Answered  
Chosen Option : 1

**Q.3** In  $\triangle ABC$ , AB = 7 cm, BC = 10 cm, and AC = 8 cm. If AD is the angle bisector of  $\angle BAC$ , where D is a point on BC, then DC (in cm) = ?

- Ans
- 1.  $\frac{14}{3}$
  - 2.  $\frac{16}{3}$
  - 3.  $\frac{11}{3}$
  - 4.  $\frac{17}{3}$

Question ID : 65497842834  
Status : Answered  
Chosen Option : 2

**Q.4** A tyre has 3 punctures. The first puncture alone would have made the tyre flat in 9 minutes, the second alone would have done it in 18 minutes, the third alone would have done it in 6 minutes. If the air leaks out at a constant rate, then how long (in minutes) does it take for all the punctures together to make it flat?

- Ans**
- 1. 2
  - 2. 6
  - 3. 4
  - 4. 3

Question ID : **65497842826**  
Status : **Not Answered**  
Chosen Option : --

**Q.5** The average of sixteen numbers is 48. The average of the first six of these numbers is 45 and that of the last seven numbers is 53. The seventh and the eighth numbers are, respectively, 3 and 7 greater than the ninth number. What is the average of the ninth and seventh numbers?

- Ans**
- 1. 41.5
  - 2. 40.5
  - 3. 42
  - 4. 39

Question ID : **65497844234**  
Status : **Not Answered**  
Chosen Option : --

**Q.6** A sum of ₹4,620 is to be paid back in 2 equal annual instalments. How much is each instalment (in ₹) if the interest is compounded annually at 10% per annum?

- Ans**
- 1. 2,420
  - 2. 2,552
  - 3. 2,662
  - 4. 2,750

Question ID : **65497843229**  
Status : **Answered**  
Chosen Option : **3**

**Q.7** Study the given pie chart and answer the question that follows.

The pie chart represents the percentage-wise distribution of the total number of Vanilla cakes and Chocolate cakes sold everyday in a week. The total number of cakes sold in a week = 10500.

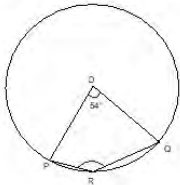


The ratio of the number of Vanilla cakes sold to the number of Chocolate cakes sold on Saturday is 4 : 3. the selling price of one Vanilla cake is ₹8 and that of one Chocolate cake is ₹15, then the total amount earned (in ₹) by selling all Vanilla cakes and Chocolate cakes on Saturday is:

- Ans**
- 1. 14,880
  - 2. 10,488
  - 3. 20,000
  - 4. 18,480

Question ID : 65497842637  
Status : Answered  
Chosen Option : 4

**Q.8** In the given figure, O is the centre of the circle.  $\angle POQ = 54^\circ$ . What is the measure (in degree) of  $\angle PRQ$ ?



- Ans**
- 1. 235
  - 2. 137
  - 3. 207
  - 4. 153

Question ID : 65497843235  
Status : Not Answered  
Chosen Option : --

**Q.9** A train covers a distance of 225 km in  $2\frac{1}{2}$  hours at a uniform speed. The time taken by the train (in hours) to cover a distance of 630 km at the same speed is:

- Ans**
- 1. 5
  - 2. 7
  - 3. 6
  - 4. 4

Question ID : 65497842524  
Status : Answered  
Chosen Option : 2

Q.10 A and B are two prime numbers such that  $A > B$  and their LCM is 209. The value of  $B^2 - A$  is:

- Ans
- 1. 111
  - 2. 102
  - 3. 121
  - 4. 109

Question ID : 65497842616  
Status : Answered  
Chosen Option : 2

Q.11 What will be the total cost (in ₹) of polishing the curved surface of a wooden cylinder at rate of ₹50 per  $m^2$ , if its diameter is 70 cm and height is 6 m?

(Take  $\pi = \frac{22}{7}$ )

- Ans
- 1. 624
  - 2. 612
  - 3. 660
  - 4. 675

Question ID : 65497844242  
Status : Answered  
Chosen Option : 3

Q.12 If 8A5146B is divisible by 88, then what is the value of AB ?

- Ans
- 1. 15
  - 2. 12
  - 3. 9
  - 4. 20

Question ID : 65497842918  
Status : Answered  
Chosen Option : 2

Q.13 The value of  $\frac{48.3 \times [(4.95)^2 + 4.95 \times 13.25]}{[(12.55)^2 - (5.65)^2] \times 19.8}$  is:

- Ans
- 1. 17.5
  - 2. 0.175
  - 3. 1.75
  - 4. 175

Question ID : 65497842617  
Status : Answered  
Chosen Option : 1

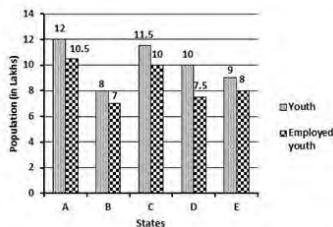
Q.14 The expression  $(\cos^6\theta + \sin^6\theta - 1)(\tan^2\theta + \cot^2\theta + 2) + 3$  is equal to:

- Ans
- 1. 0
  - 2. 1
  - 3. 2
  - 4. -1

Question ID : 65497842836  
Status : Answered  
Chosen Option : 1

Q.15 The following bar graph shows the total number of youth (in lakhs) and the number of employed youth (in lakhs) in 5 states A, B, C, D and E.

The number of employed youth in state B is what percentage of the number of employed youth in state E?



- Ans
- 1. 87%
  - 2. 85%
  - 3. 88.5%
  - 4. 87.5%

Question ID : 65497843646  
Status : Answered  
Chosen Option : 4

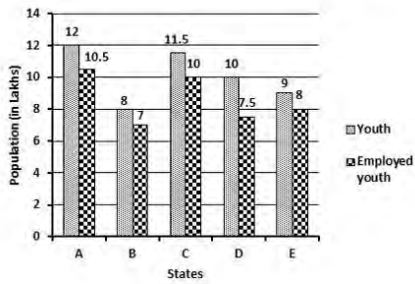
Q.16 From a point P on a level ground, the angle of elevation of the top of the tower is  $30^\circ$ . If the distance of point P from the foot of the tower is 510 m, then 50% of the height of the tower (in m) is:

- Ans
- 1. 85
  - 2.  $\frac{85\sqrt{3}}{3}$
  - 3.  $85\sqrt{3}$
  - 4.  $150\sqrt{3}$

Question ID : 65497842635  
Status : Answered  
Chosen Option : 3

**Q.17** The following bar graph shows the total number of youth (in lakhs) and the number of employed youth (in lakhs) in 5 states A, B, C, D and E.

How many youth (in lakhs) are unemployed in states A and C taken together?



- Ans**
- 1. 2.8
  - 2. 3
  - 3. 2.25
  - 4. 2.85

Question ID : 65497842333  
 Status : Answered  
 Chosen Option : 2

**Q.18** In  $\triangle ABC$ , D is a point on side BC such that  $\angle ADC = \angle BAC$ . If CA = 15 cm and CD = 9 cm, then CB (in cm) = ?

- Ans**
- 1. 15
  - 2. 25
  - 3. 12
  - 4. 10

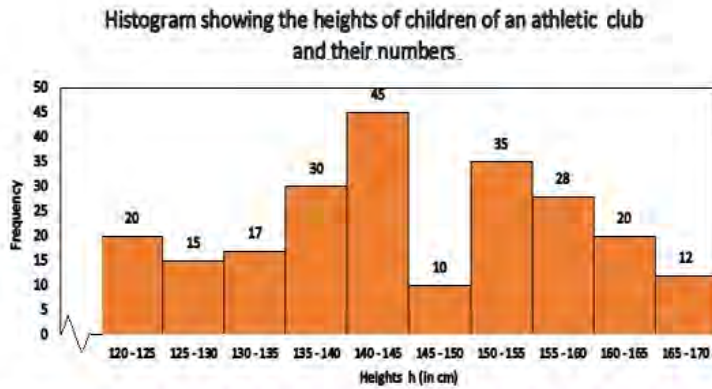
Question ID : 65497842530  
 Status : Answered  
 Chosen Option : 1

**Q.19** If  $2\sqrt{2}x^3 - 3\sqrt{3}y^3 = (\sqrt{2}x - \sqrt{3}y)(Ax^2 - Bxy + Cy^2)$ , then the value of  $(A^2 + B^2 + C^2)$  is:

- Ans**
- 1. 16
  - 2. 11
  - 3. 19
  - 4. 18

Question ID : 65497842829  
 Status : Answered  
 Chosen Option : 3

- Q.20** The given histogram shows the heights of 232 students of an athletic club and their numbers. Study the histogram carefully and answer the questions that follows.



What is the average height (in cm) of 32 tallest students of the athletic club?  
Express your answer correct to one place of decimal.

- Ans**
- 1. 165.4
  - 2. 167.4
  - 3. 166.4
  - 4. 164.4

Question ID : **65497843245**  
Status : **Not Answered**  
Chosen Option : --

- Q.21** P and Q start a shop with a capital of ₹1,50,000 and ₹4,50,000, respectively. After a year, out of the profit of ₹1,60,000, P gets his share of profit plus some money that is not a part of the profit, as his salary. If P gets a total of ₹70,000, what is the salary (in ₹) he received?

- Ans**
- 1. 40,000
  - 2. 30,000
  - 3. 25,000
  - 4. 50,000

Question ID : **65497842521**  
Status : **Answered**  
Chosen Option : **2**

- Q.22** If  $x + y + z = 18$ ,  $xyz = 81$  and  $xy + yz + zx = 90$ , then find the value of  $\sqrt{x^3 + y^3 + z^3 + 3xyz}$ .

- Ans**
- 1. 6
  - 2. 12
  - 3. 9
  - 4. 10

Question ID : **65497842527**  
Status : **Answered**  
Chosen Option : **1**

**Q.23** If  $5 \sin \theta - 4 \cos \theta = 0$ ,  $0^\circ < \theta < 90^\circ$ , then the value of  $\frac{5 \sin \theta - \cos \theta}{5 \sin \theta + 3 \cos \theta}$  is:

**Ans**

1.  $\frac{2}{7}$

2.  $\frac{3}{7}$

3.  $\frac{6}{7}$

4.  $\frac{4}{7}$

Question ID : 65497842532

Status : Answered

Chosen Option : 2

**Q.24** A shopkeeper marks an article at a price 20% higher than its cost price and allows 10% discount. Find his gain percentage.

**Ans**

1. 9.5%

2. 8%

3. 9%

4. 10%

Question ID : 65497843730

Status : Answered

Chosen Option : 2

**Q.25** A spends 65% of his income. His income is increased by 20.1% and the expenditure is increased by 20%. By what per cent (correct to one decimal place) does his saving increase or decrease?

**Ans**

1. Increase by 20.3%

2. Decrease by 17.7%

3. Increase by 21.5%

4. Decrease by 18.9%

Question ID : 65497842923

Status : Answered

Chosen Option : 1

Section : English Comprehension



**Q.1 Select the most appropriate synonym of the given word.**

**Succulent**

- Ans**  1. Decent  
 2. Coarse  
 3. Juicy  
 4. Foul

Question ID : **65497842556**  
Status : **Not Answered**  
Chosen Option : --

**Q.2 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.**

Many a man has succumbed to his temptations.

- Ans**  1. men has  
 2. a men have  
 3. man has  
 4. No improvement required

Question ID : **65497842956**  
Status : **Answered**  
Chosen Option : **3**

**Q.3 Select the option that can be used as a one-word substitute for the given group of words.**

**Sharpness and accuracy of judgment**

- Ans**  1. Experience  
 2. Estimation  
 3. Acumen  
 4. Knowledge

Question ID : **65497842865**  
Status : **Answered**  
Chosen Option : **3**

**Q.4 Select the most appropriate meaning of the given idiom.**

**Hold the key**

- Ans**  1. To own a property  
 2. To keep a secret  
 3. To have control of something  
 4. To have the right of succession

Question ID : **65497842963**  
Status : **Answered**  
Chosen Option : **2**

**Q.5** The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

My neighbour's grandson / is only / five month old.

- Ans
- 1. No error
  - 2. My neighbour's grandson
  - 3. is only
  - 4. five month old

Question ID : 65497843550  
Status : Answered  
Chosen Option : 4

**Q.6** Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

My father was always ordering about my sister.

- Ans
- 1. ordering on my sister
  - 2. ordering my sister about
  - 3. No improvement required
  - 4. giving order for my sister

Question ID : 65497842654  
Status : Answered  
Chosen Option : 4

**Q.7** Select the INCORRECTLY spelt word.

- Ans
- 1. Correspondence
  - 2. Miscellaneous
  - 3. Exclamation
  - 4. Disciplinarian

Question ID : 65497842867  
Status : Answered  
Chosen Option : 1

**Q.8** Select the option that can be used as a one-word substitute for the given group of words.

Something that is strong and lasts a long time without breaking or becoming weaker.

- Ans
- 1. Durable
  - 2. Harsh
  - 3. Pliable
  - 4. Secure

Question ID : 65497842561  
Status : Answered  
Chosen Option : 1

**Q.9** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

You should / have respond / to my query / sooner.

- Ans**
- 1. to my query
  - 2. You should
  - 3. have respond
  - 4. sooner

Question ID : 65497842439  
Status : Answered  
Chosen Option : 3

**Q.10** Select the option that gives the most appropriate meaning of the underlined idiom.

My friends succeeded because they left no stone unturned in their search for an answer to the problem.

- Ans**
- 1. depended on many people
  - 2. made every possible effort
  - 3. looked in different places
  - 4. proposed good plans

Question ID : 65497843267  
Status : Answered  
Chosen Option : 2

**Q.11** Select the correct passive voice of the given sentence.

She is making a beautiful beaded curtain.

- Ans**
- 1. A beautiful beaded curtain was being made by her.
  - 2. A beautiful beaded curtain was made by her.
  - 3. A beautiful beaded curtain is being made by her.
  - 4. A beautiful beaded curtain is made by her.

Question ID : 65497842544  
Status : Answered  
Chosen Option : 3

**Q.12** Select the correct active voice of the given sentence.

Rohan was pushed into the pool by Karan.

- Ans**
- 1. Karan was pushing Rohan into the pool.
  - 2. Rohan had pushed Karan into the pool.
  - 3. Karan pushed Rohan into the pool.
  - 4. Rohan pushed Karan into the pool.

Question ID : 65497842644  
Status : Answered  
Chosen Option : 3

Q.13 Select the most appropriate ANTONYM of the given word.

Rectify

Ans  1. Corrupt

2. Select

3. Correct

4. Assist

Question ID : 65497842961  
Status : Answered  
Chosen Option : 1

Q.14 Select the correct indirect speech form of the given sentence.

The teacher said, "You must work hard for your exams."

Ans  1. The teacher was advising her students to do work hard for their exams.

2. The teacher told students for working hard for their exams.

3. The teacher was telling her students to work hard for their exams.

4. The teacher advised her students to work hard for their exams.

Question ID : 65497843258  
Status : Answered  
Chosen Option : 4

Q.15 Arrange the statements in the correct order to make a meaningful paragraph.

A. But, in developed societies, the childhood and adolescence is extended.

B. In rural communities, the customs are more uniform.

C. This provides more opportunities for education and character development.

D. The practices of child rearing vary from culture to culture.

Ans  1. DABC

2. BADC

3. DBAC

4. BCDA

Question ID : 65497842655  
Status : Answered  
Chosen Option : 3

Q.16 Select the most appropriate synonym of the given word.

Disrupt

Ans  1. Breach

2. Injure

3. Arrange

4. Organise

Question ID : 65497842656  
Status : Answered  
Chosen Option : 1

**Q.17** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The crew / of sailors / were not perturbed / by the strong gale.

- Ans**
- 1. of sailors
  - 2. by the strong gale
  - 3. The crew
  - 4. were not perturbed

Question ID : 65497842541  
Status : Answered  
Chosen Option : 3

**Q.18** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The manager said, "Could you please / confirm me whether you / have received all the items / that you had ordered?"

- Ans**
- 1. The manager said, "Could you please
  - 2. that you had ordered
  - 3. have received all the items
  - 4. confirm me whether you

Question ID : 65497843249  
Status : Answered  
Chosen Option : 3

**Q.19** Select the INCORRECTLY spelt word.

- Ans**
- 1. Contrary
  - 2. Terribal
  - 3. Longitude
  - 4. Manners

Question ID : 65497842563  
Status : Answered  
Chosen Option : 2

**Q.20** Select the most appropriate ANTONYM of the given word.

Negligent

- Ans**
- 1. Faithful
  - 2. Strange
  - 3. Indifferent
  - 4. Careful

Question ID : 65497843265  
Status : Answered  
Chosen Option : 4

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The greedy man rushed home to tell his wife and daughter about his wish, all the (1) \_\_\_\_\_ touching the objects in his path and watching (2) \_\_\_\_\_ convert into gold. Once he got home, his daughter (3) \_\_\_\_\_ to greet him. As soon as he bent (4) \_\_\_\_\_ to scoop her up in his arms, she turned into a golden statue. He was (5) \_\_\_\_\_ and started crying and trying to bring his daughter back to life.

**SubQuestion No : 21**

**Q.21** Select the most appropriate option to fill in blank number 1.

- Ans**  1. while  
 2. wayside  
 3. interval  
 4. bit

Question ID : 65497842849  
Status : Answered  
Chosen Option : 1

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The greedy man rushed home to tell his wife and daughter about his wish, all the (1) \_\_\_\_\_ touching the objects in his path and watching (2) \_\_\_\_\_ convert into gold. Once he got home, his daughter (3) \_\_\_\_\_ to greet him. As soon as he bent (4) \_\_\_\_\_ to scoop her up in his arms, she turned into a golden statue. He was (5) \_\_\_\_\_ and started crying and trying to bring his daughter back to life.

**SubQuestion No : 22**

**Q.22** Select the most appropriate option to fill in blank number 2.

- Ans**  1. there  
 2. them  
 3. their  
 4. those

Question ID : 65497842850  
Status : Answered  
Chosen Option : 2

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The greedy man rushed home to tell his wife and daughter about his wish, all the (1) \_\_\_\_\_ touching the objects in his path and watching (2) \_\_\_\_\_ convert into gold. Once he got home, his daughter (3) \_\_\_\_\_ to greet him. As soon as he bent (4) \_\_\_\_\_ to scoop her up in his arms, she turned into a golden statue. He was (5) \_\_\_\_\_ and started crying and trying to bring his daughter back to life.

**SubQuestion No : 23**

**Q.23** Select the most appropriate option to fill in blank number 3.

- Ans  1. rushing  
 2. was rush  
 3. has rushed  
 4. rushed

Question ID : 65497842851

Status : Answered

Chosen Option : 4

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The greedy man rushed home to tell his wife and daughter about his wish, all the (1) \_\_\_\_\_ touching the objects in his path and watching (2) \_\_\_\_\_ convert into gold. Once he got home, his daughter (3) \_\_\_\_\_ to greet him. As soon as he bent (4) \_\_\_\_\_ to scoop her up in his arms, she turned into a golden statue. He was (5) \_\_\_\_\_ and started crying and trying to bring his daughter back to life.

**SubQuestion No : 24**

**Q.24** Select the most appropriate option to fill in blank number 4.

- Ans  1. along  
 2. up  
 3. through  
 4. down

Question ID : 65497842852

Status : Answered

Chosen Option : 4

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The greedy man rushed home to tell his wife and daughter about his wish, all the (1) \_\_\_\_\_ touching the objects in his path and watching (2) \_\_\_\_\_ convert into gold. Once he got home, his daughter (3) \_\_\_\_\_ to greet him. As soon as he bent (4) \_\_\_\_\_ to scoop her up in his arms, she turned into a golden statue. He was (5) \_\_\_\_\_ and started crying and trying to bring his daughter back to life.

**SubQuestion No : 25**

**Q.25** Select the most appropriate option to fill in blank number 5.

- Ans  1. demolished  
 2. devastated  
 3. determined  
 4. destroyed

Question ID : 65497842853

Status : Answered

Chosen Option : 2

KD Job Updates



## Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ Karhi Road Amoudha
Exam Date	13/04/2022
Exam Time	4:00 PM - 5:00 PM
Subject	CGLE 2021 Tier I

### Section : General Intelligence and Reasoning

**Q.1** Select the number from among the given options that can replace the question mark (?) in the following series.

240, 120, ?, 180, 360, 900

Ans  1. 120

2. 148

3. 150

4. 130

Question ID : **65497843082**  
Status : **Answered**  
Chosen Option : **3**

**Q.2** In a certain code language, 'MANIA' is written as 'NZOHZ' and 'PROUD' is written as 'QSNTE'. How will 'DONKEY' be written in that language?

Ans  1. EPOLFZ

2. CNONDZ

3. ENPLDX

4. ENOLDZ

Question ID : **65497843680**  
Status : **Not Answered**  
Chosen Option : --

**Q.3** Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

Ans  1. LRPV

2. SYGM

3. DBJH

4. CNDV

Question ID : **65497844284**  
Status : **Not Answered**  
Chosen Option : --

**Q.4** In a certain code language, LOOK is coded as 2330 and BALL is coded as 1413. How will HELP be coded in that language?

**Ans** ✓ 1. 2417

✗ 2. 3461

✗ 3. 2415

✗ 4. 2420

Question ID : 65497842671

Status : Not Answered

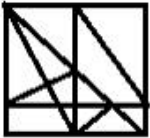
Chosen Option : --

**Q.5** Select the option figure in which the given figure is embedded (rotation is NOT allowed).

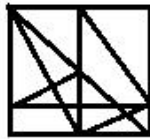


**Ans**

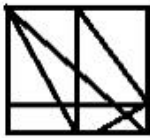
✗ 1.



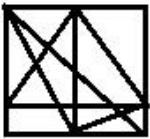
✓ 2.



✗ 3.



✗ 4.



Question ID : 65497844303

Status : Answered

Chosen Option : 2

Q.6 Select the correct water image of the given combination of numbers.

8 9 6 5 4 2 3

Ans

1. 8 0 9 2 4 5 3

2. 8 0 0 2 4 2 3

3. 8 0 0 2 4 5 3

4. 8 6 0 9 4 5 3

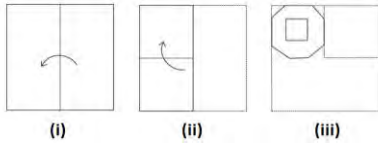
Question ID : 65497843496

Status : Answered

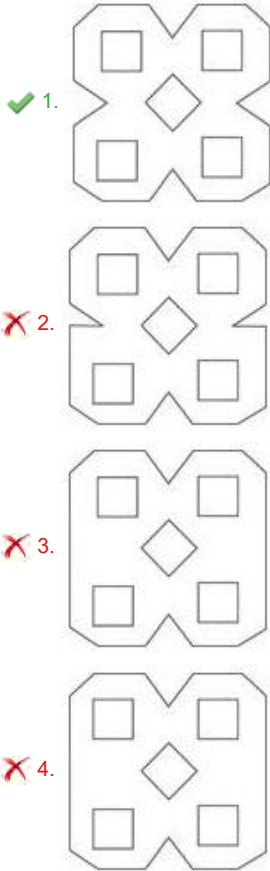
Chosen Option : 3

KD Job Updates

**Q.7** The sequence of folding a piece of paper (figures i and ii) and the manner in which the folded paper has been cut (figure iii) is shown in the following figures. Select the option that would most closely resemble the unfolded form of figure (iii).



**Ans**



KD Job Updates

Question ID : **65497842689**  
 Status : **Answered**  
 Chosen Option : **1**

**Q.8** If the numbers 15 and 21 are interchanged, then which of the following equations will be correctly balanced?

- Ans**
- 1.  $62 \div 31 - 21 + 15 \times 3 = 80$
  - 2.  $26 + 21 \times 15 \div 3 - 14 = 108$
  - 3.  $24 - 21 \div 3 + 15 - 7 = 23$
  - 4.  $63 \div 15 + 21 \times 5 - 4 = 74$

Question ID : **65497843087**  
 Status : **Answered**  
 Chosen Option : **4**

Q.9 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

Q \_ T \_ S \_ K \_ R \_ \_ K \_ R S

- Ans  1. KRQTSKT  
 2. KRQTSQT  
 3. KRTRSQT  
 4. KRQTSQR

Question ID : 65497843683  
Status : Answered  
Chosen Option : 2

Q.10 Select the correct combination of mathematical signs that can sequentially replace the \* signs and balance the given equation.

$34 * 17 * 54 * 18 * 6 * 56$

- Ans  1. +, +, x, -, =  
 2. +, -, +, x, =  
 3. x, +, +, -, =  
 4. +, -, x, +, =

Question ID : 65497843490  
Status : Not Answered  
Chosen Option : --

Q.11 If Arpita is the only daughter of Pritam's wife's mother's husband, then how is Arpita related to Pritam's son?

- Ans  1. Sister  
 2. Paternal granddaughter  
 3. Daughter  
 4. Mother

Question ID : 65497843482  
Status : Answered  
Chosen Option : 4

**Q.12** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

No police officer is a doctor.  
Some doctors are specialists.  
All engineers are doctors.

**Conclusions:**

I. Some engineers are police officers.  
II. No engineer is a police officer.  
III. Some doctors are engineers.

- Ans**
- 1. Only conclusion II follows.
  - 2. Only conclusions I and II follow.
  - 3. Either conclusion I or II and III follow(s).
  - 4. Only conclusions II and III follow.

Question ID : 65497843080

Status : Answered

Chosen Option : 3

**Q.13** Select the correct option that indicates the arrangement of the given words in a logical and meaningful order.

1. Displaying  
2. Sketching  
3. Colouring  
4. Framing

- Ans**
- 1. 4, 3, 1, 2
  - 2. 2, 1, 4, 3
  - 3. 2, 3, 4, 1
  - 4. 3, 4, 2, 1

Question ID : 65497843475

Status : Answered

Chosen Option : 3

**Q.14** Select the number that can replace the question mark (?) in the given table.

5 16 77  
8 19 149  
13 12 ?

- Ans**
- 1. 153
  - 2. 157
  - 3. 155
  - 4. 151

Question ID : 65497844297

Status : Not Answered

Chosen Option : --

Q.15 Five friends, Vishnu, Chirag, Raina, Kavya and Surbhi, are sitting around a circular table, facing the centre. Vishnu is to the immediate right of Kavya. Chirag is third to the left of Kavya. Surbhi is not adjacent to Chirag. Who is second to the left of Kavya?

Ans  1. Chirag

2. Raina

3. Surbhi

4. Vishnu

Question ID : 65497843483

Status : Answered

Chosen Option : 2

Q.16 Select the option that is related to the third number in the same way as the second number is related to the first number.

7 : 56 :: 11 : ?

Ans  1. 132

2. 77

3. 98

4. 101

Question ID : 65497842679

Status : Answered

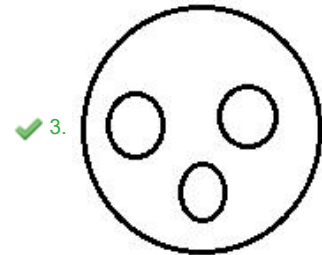
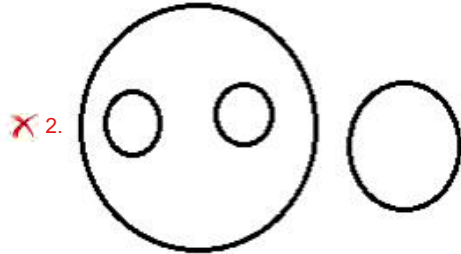
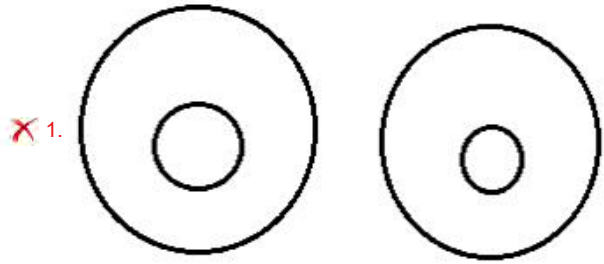
Chosen Option : 1

KD Job Updates

Q.17 Select the Venn diagram that best represents the relationship between the following.

Human, Teacher, Clerk, Peon

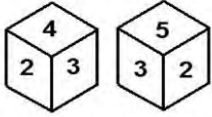
Ans



Question ID : 65497842892  
Status : Answered  
Chosen Option : 3



**Q.18** Two different positions of the same dice are shown, the six faces of which are numbered from 1 to 6. Select the number that will be on the face opposite to the one having 4.



- Ans**
- 1. 1
  - 2. 5
  - 3. 6
  - 4. 2

Question ID : 65497843090  
Status : Answered  
Chosen Option : 2

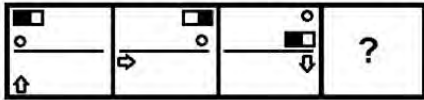
**Q.19** The average score (runs/match) of Mithali before the start of the women's national series was 45. In the women's national series of 10 matches, her total score was 500 runs. Find the total number of matches played by her till date, if her new average after the series is 47.5.

- Ans**
- 1. 38
  - 2. 20
  - 3. 30
  - 4. 28

Question ID : 65497842882  
Status : Answered  
Chosen Option : 3

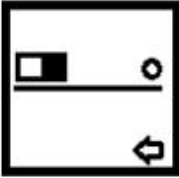
KD Job Updates

**Q.20** Select the figure from among the given options that can replace the question mark (?) in the following series.

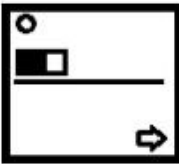


**Ans**

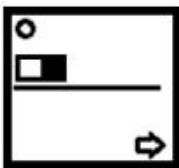
1.



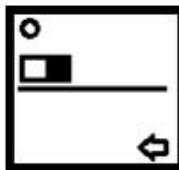
2.



3.



4.



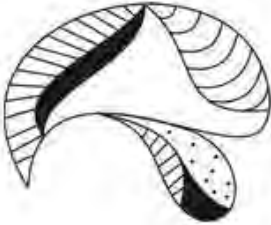
Question ID : 65497843493  
Status : Answered  
Chosen Option : 4

**Q.21** Which of the option figures when rotated 180° clockwise and then 45° anticlockwise will result in the given question figure?



**Ans**

✓ 1.



✗ 2.



✗ 3.



✗ 4.



Question ID : 65497842684  
Status : Answered  
Chosen Option : 3

**Q.22** Select the number from among the given options that can replace the question mark (?) in the following series.

7, 11, 14, 25, 29, 55, ?

- Ans
- 1. 59
  - 2. 60
  - 3. 95
  - 4. 90

Question ID : 65497844293  
Status : Not Answered  
Chosen Option : --

**Q.23** Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter cluster.

KCH : GXS :: TJD : ?

- Ans
- 1. QMX
  - 2. PQW
  - 3. PNH
  - 4. QNW

Question ID : 65497842871  
Status : Answered  
Chosen Option : 2

**Q.24** Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

DJRZ, HDZP, LXHF, PRPV, ?

- Ans
- 1. TMXK
  - 2. TLXM
  - 3. ULYL
  - 4. TLXL

Question ID : 65497843070  
Status : Not Answered  
Chosen Option : --

**Q.25** In a certain code language, 'cool drinks available here' is written as 'bhu man juk lop', 'available lost objects here' is written as 'gan bhu nut juk', 'be cool search objects' is written as 'vax der man nut', and 'available drinks desert search' is written as 'but juk der lop'. How will 'lost drinks' be written in that language?

- Ans
- 1. gan lop
  - 2. nut gan
  - 3. lop bhu
  - 4. juk gan

Question ID : 65497844288  
Status : Not Answered  
Chosen Option : --

**Q.1** During the rule of which dynasty were Nalanda and Vikramashila universities founded?

- Ans**  1. The Palas  
 2. The Senas  
 3. The Pratihara  
 4. The Rashtrakutas

Question ID : 65497843110  
Status : Not Answered  
Chosen Option : --

**Q.2** Which of the following is commonly referred to as 'Ozone Hole'?

- Ans**  1. Lithosphere  
 2. Troposphere  
 3. Biosphere  
 4. Stratosphere

Question ID : 65497843508  
Status : Not Answered  
Chosen Option : --

**Q.3** In which of the following years was the Citizenship Act passed for the first time in India?

- Ans**  1. 1962  
 2. 1959  
 3. 1955  
 4. 1947

Question ID : 65497843520  
Status : Not Answered  
Chosen Option : --

**Q.4** निम्नलिखित में से कौन-सा ताल या आघात वाद्य नहीं है?

- Ans**  1. घटम  
 2. तबला  
 3. मृदंगम  
 4. सरोद

Question ID : 65497844307  
Status : Not Answered  
Chosen Option : --

**Q.5** The Mesopotamians wrote on tablets made of:

- Ans**  1. clay  
 2. sandstone  
 3. limestone  
 4. slate

Question ID : 65497844321  
Status : Answered  
Chosen Option : 3

**Q.6** For Rabi marketing season 2021-22, the Cabinet Committee on Economic Affairs (CCEA) announced highest increase in Minimum Support Price (MSP) for \_\_\_\_\_.

- Ans**  1. lentil  
 2. gram  
 3. barley  
 4. wheat

Question ID : **65497842896**  
Status : **Answered**  
Chosen Option : **3**

**Q.7** Who among the following is the author of the book 'Myth = Mithya : Decoding Hindu Mythology'?

- Ans**  1. Shashi Tharoor  
 2. Devdutt Pattanaik  
 3. Vikram Seth  
 4. Amitav Ghosh

Question ID : **65497842709**  
Status : **Answered**  
Chosen Option : **4**

**Q.8** Who among the following won the 'Crossword Book Award 2020' for a debut novel?

- Ans**  1. Siddhartha Sarma  
 2. Twinkle Khanna  
 3. Madhuri Vijay  
 4. Shals Mahajan

Question ID : **65497843516**  
Status : **Answered**  
Chosen Option : **2**

**Q.9** Which of the following mountains is located near the river Dhauliganga?

- Ans**  1. Kamet  
 2. Nanda Devi  
 3. Anamudi  
 4. Hathi Parvat

Question ID : **65497844320**  
Status : **Not Answered**  
Chosen Option : **--**

Q.10 A typical adult human body contains about \_\_\_\_\_ of magnesium.

- Ans  1. 20 g  
 2. 10 g  
 3. 15 g  
 4. 25 g

Question ID : 65497842903  
Status : Not Answered  
Chosen Option : --

Q.11 Which of the following two teams played against each other in the first match of IPL 2021?

- Ans  1. Chennai Super Kings and Sunrisers Hyderabad  
 2. Punjab Kings and Delhi Capitals  
 3. Kolkata Knight Riders and Rajasthan Royals  
 4. Mumbai Indians and Royal Challengers Bangalore

Question ID : 65497843118  
Status : Answered  
Chosen Option : 4

Q.12 In which year was the Immunization Programme introduced in India as 'Expanded Programme of Immunization' (EPI) by the Ministry of Health and Family Welfare?

- Ans  1. 1982  
 2. 1974  
 3. 1978  
 4. 1980

Question ID : 65497844313  
Status : Not Answered  
Chosen Option : --

Q.13 In which of the following years did the Ramsar convention to promote conservation and wise use of all wetlands through regional actions and international cooperation come to force in India?

- Ans  1. 1989  
 2. 1990  
 3. 1980  
 4. 1982

Question ID : 65497842901  
Status : Not Answered  
Chosen Option : --

Q.14 Which of the following is correctly paired?

- Ans  1. Cyanide ion -  $\text{CN}^-$   
 2. Ammonia -  $\text{OH}^-$   
 3. Bromide ion -  $\text{F}^-$   
 4. Fluoride ion -  $\text{Cl}^-$

Question ID : 65497843100  
Status : Not Answered  
Chosen Option : --

Q.15 On 21 October 1943, Subhash Chandra Bose proclaimed the formation of the Provisional Government of Free India in \_\_\_\_\_.

- Ans  1. Russia  
 2. Singapore  
 3. Japan  
 4. Germany

Question ID : 65497842707  
Status : Answered  
Chosen Option : 4

Q.16 According to the Output Method, GDP is calculated as:

- Ans  1. GDP at Constant Prices – Taxes + Subsidies  
 2. GDP at Constant Prices + Subsidies  
 3. GDP at Constant Prices – Taxes  
 4. GDP at Constant Prices + Taxes – Subsidies

Question ID : 65497843503  
Status : Not Answered  
Chosen Option : --

Q.17 South Asian leaders signed the SAARC Charter at the first summit in \_\_\_\_\_ in the year 1985.

- Ans  1. Colombo  
 2. Dhaka  
 3. Delhi  
 4. Thimphu

Question ID : 65497844329  
Status : Not Answered  
Chosen Option : --



**Q.18** In which of the following Indian states will you find the Tibetan Buddhist Golden Temple?

- Ans**
- 1. Sikkim
  - 2. Karnataka
  - 3. Himachal Pradesh
  - 4. Tamil Nadu

Question ID : **65497843096**  
Status : **Answered**  
Chosen Option : **1**

**Q.19** Who among the following was selected for the inaugural Chhattisgarh Veerni Award in April 2021?

- Ans**
- 1. Trimbak Sharma
  - 2. Teejan Bai
  - 3. Dutee Chand
  - 4. Kishore Sahu

Question ID : **65497842912**  
Status : **Not Answered**  
Chosen Option : **--**

**Q.20** With which bank have Dena Bank and Vijaya Bank been merged?

- Ans**
- 1. Punjab National Bank
  - 2. United Bank of India
  - 3. Corporation Bank
  - 4. Bank of Baroda

Question ID : **65497842693**  
Status : **Answered**  
Chosen Option : **3**

**Q.21** Foaad Mirza is an Indian \_\_\_\_\_

- Ans**
- 1. golfer
  - 2. boxer
  - 3. cricketer
  - 4. equestrian

Question ID : **65497842917**  
Status : **Not Answered**  
Chosen Option : **--**

Q.22 The \_\_\_\_\_ Scheme, which is an initiative of the Ministry of Drinking Water and Sanitation, seeks to provide water to 115 Indian districts to help them in meeting their basic needs such as drinking, cooking and other domestic essentials.

- Ans  1. PRAJWAL  
 2. NEER  
 3. NIRMAL  
 4. SWAJAL

Question ID : 65497842698  
Status : Answered  
Chosen Option : 2

Q.23 Which amendment to the Constitution of India changed the description of India from a 'sovereign democratic republic' to a 'sovereign, socialist secular democratic republic' and also changed the words 'unity of the nation' to 'unity and integrity of the nation'?

- Ans  1. 44th  
 2. 40th  
 3. 42nd  
 4. 47th

Question ID : 65497842711  
Status : Not Answered  
Chosen Option : --

Q.24 As per the Census of 2011, which of the following states/UT has literacy rate of more than 90%?

- Ans  1. Rajasthan  
 2. Mizoram  
 3. Goa  
 4. Tripura

Question ID : 65497843510  
Status : Answered  
Chosen Option : 2

Q.25 In which of the following Indian states is the Gorichen peak located?

- Ans  1. Madhya Pradesh  
 2. Arunachal Pradesh  
 3. Himachal Pradesh  
 4. Nagaland

Question ID : 65497843107  
Status : Not Answered  
Chosen Option : --

Section : Quantitative Aptitude

**Q.1** A person travels  $5x$  distance at a speed of  $5$  km/h,  $x$  distance at a speed of  $5$  km/h, and  $4x$  distance at a speed of  $6$  km/h, and takes a total of  $112$  minutes. What is the total distance (in km) travelled by the person?

- Ans**
- 1. 8
  - 2. 10
  - 3. 9
  - 4. 12

Question ID : 65497842726  
Status : Answered  
Chosen Option : 2

**Q.2** Let  $x$   $cm^2$  be the surface area and  $y$   $cm^3$  be the volume of a sphere such that  $y = 14x$ . What is the radius (in cm) of the sphere?

- Ans**
- 1. 102
  - 2. 42
  - 3. 51
  - 4. 68

Question ID : 65497844665  
Status : Not Answered  
Chosen Option : --

**Q.3** The average of  $46$  numbers is  $50.5$ . The average of the first  $25$  numbers is  $45$  and that of the last  $18$  numbers is  $56$ . The  $28^{th}$  number is  $67$ . If the  $26^{th}$  and  $27^{th}$  numbers are excluded, then what is the average of the remaining numbers?

- Ans**
- 1. 51.5
  - 2. 50.4
  - 3. 50
  - 4. 51

Question ID : 65497844667  
Status : Not Answered  
Chosen Option : --

**Q.4** What is the least number which when decreased by  $7$  is divisible by  $15$ ,  $24$ ,  $28$  and  $32$ ?

- Ans**
- 1. 10097
  - 2. 10087
  - 3. 10067
  - 4. 10077

Question ID : 65497842919  
Status : Answered  
Chosen Option : 2

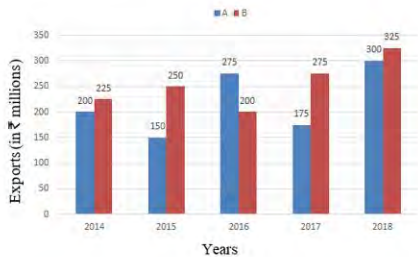
Q.5 If  $x + y + z = 2$ ,  $xy + yz + zx = -11$ , and  $xyz = -12$ , then what is the value of  $x^3 + y^3 + z^3$ ?

- Ans
- 1. 36
  - 2. 38
  - 3. 40
  - 4. 42

Question ID : 65497842729  
Status : Answered  
Chosen Option : 2

Q.6 Study the given bar graph and answer the question that follows.

The bar graph shows the exports of cars of type A and B (in ₹ millions) from 2014 to 2018.



What is the ratio of the total exports of cars of type A in 2016 and 2018 to the total exports of cars of type B in 2015 and 2017?

- Ans
- 1. 13 : 12
  - 2. 10 : 9
  - 3. 5 : 4
  - 4. 23 : 21

Question ID : 65497842436  
Status : Answered  
Chosen Option : 4

Q.7 What is the value of  $p$ , if  $25(3 + 4p) \div 12$  of  $5 - 3 \times 8 = 6$ ?

- Ans
- 1. 72
  - 2. 69
  - 3.  $15\frac{1}{3}$
  - 4.  $17\frac{1}{4}$

Question ID : 65497842920  
Status : Answered  
Chosen Option : 4

**Q.8** A, B and C start a business. A invests  $33\frac{1}{3}\%$  of the total capital, B invests 25% of the remaining, and C invests the rest. If the total profit at the end of the year is ₹1,86,000, then A's share of the profit (in ₹) is:

- Ans**
- 1. 62,000
  - 2. 64,000
  - 3. 61,000
  - 4. 59,000

Question ID : 65497842723  
Status : Answered  
Chosen Option : 1

**Q.9** If  $\sin^2\theta - \cos^2\theta - 3\sin\theta + 2 = 0$ ,  $0^\circ < \theta < 90^\circ$ , then what is the value of  $1 + \sec\theta + \tan\theta$ ?

- Ans**
- 1.  $-1 + \sqrt{3}$
  - 2.  $-1 - \sqrt{3}$
  - 3.  $1 + \sqrt{3}$
  - 4.  $1 - \sqrt{3}$

Question ID : 65497843543  
Status : Answered  
Chosen Option : 3

**Q.10** The base of a triangle is increased by 40%. By what percentage (correct to two decimal places) should its height be increased so that the area increases by 60%?

- Ans**
- 1. 14.29%
  - 2. 20.01%
  - 3. 15.54%
  - 4. 18.62%

Question ID : 65497843125  
Status : Answered  
Chosen Option : 2

**Q.11** Let  $\Delta ABC \sim \Delta PQR$  and  $\frac{\text{ar}(\Delta ABC)}{\text{ar}(\Delta QPR)} = \frac{64}{169}$ . If  $AB = 10$  cm,  $BC = 7$  cm and  $AC = 16$  cm, then  $PR$  (in cm) is equal to:

- Ans**
- 1. 21
  - 2. 13
  - 3. 26
  - 4. 15

Question ID : 65497843541  
Status : Answered  
Chosen Option : 3

**Q.12** The sides PQ and PR of  $\Delta PQR$  are produced to points S and T, respectively. The bisectors of  $\angle SQR$  and  $\angle TRQ$  meet at point U. If  $\angle QUR = 69^\circ$ , then the measure of  $\angle P$  is:

- Ans**
- 1.  $31^\circ$
  - 2.  $69^\circ$
  - 3.  $21^\circ$
  - 4.  $42^\circ$

Question ID : **65497842732**  
Status : **Answered**  
Chosen Option : **4**

**Q.13** The length of the shadow on the ground of a tall tree of height 45 m is  $15\sqrt{3}$  m. What is the angle (in degrees) of elevation of the sun?

- Ans**
- 1.  $60^\circ$
  - 2.  $45^\circ$
  - 3.  $90^\circ$
  - 4.  $30^\circ$

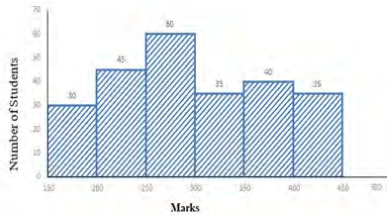
Question ID : **65497842938**  
Status : **Answered**  
Chosen Option : **4**

**Q.14** Find the value of  $(1.6)^3 - (0.9)^3 - (0.7)^3$ .

- Ans**
- 1. 3.024
  - 2. -3.024
  - 3. -3.24
  - 4. 3.24

Question ID : **65497843536**  
Status : **Answered**  
Chosen Option : **1**

**Q.15** Study the given histogram that shows the marks obtained by students in an examination and answer the question that follows.



The number of students who obtained less than 200 marks is what percentage less than the number of students who obtained 400 or more marks (correct to one decimal place)?

- Ans**
- 1. 11.9%
  - 2. 17.8%
  - 3. 21.6%
  - 4. 14.3%

Question ID : 65497844356  
 Status : Answered  
 Chosen Option : 4

**Q.16** The curved surface area of a right circular cylinder is  $616 \text{ cm}^2$  and the area of its base is  $38.5 \text{ cm}^2$ . What is the volume (in  $\text{cm}^3$ ) of the cylinder? (Take  $\pi = \frac{22}{7}$ )

- Ans**
- 1. 1155
  - 2. 1408
  - 3. 1243
  - 4. 1078

Question ID : 65497844346  
 Status : Not Answered  
 Chosen Option : --

**Q.17**  $(\sec\theta - \tan\theta)^2 (1 + \sin\theta)^2 \div \cos^2\theta = ?$

- Ans**
- 1.  $\cos^2\theta$
  - 2. 1
  - 3.  $\cot^2\theta$
  - 4. -1

Question ID : 65497842734  
 Status : Answered  
 Chosen Option : 3

**Q.18** A shopkeeper allows 28% discount on the marked price of an article and still makes a profit of 30%. If he gains ₹30.90 on the sale of one article, then what is the marked price (to the nearest ₹) of the article?

- Ans**
- 1. 103
  - 2. 134
  - 3. 194
  - 4. 186

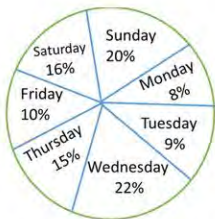
Question ID : 65497844134  
Status : Not Answered  
Chosen Option : --

**Q.19** Person A can do one-fifth of the work in 3 days, while B's efficiency is half of that of A. In how many days A and B working together can do half of the work?

- Ans**
- 1. 4
  - 2. 7
  - 3. 6
  - 4. 5

Question ID : 65497843533  
Status : Answered  
Chosen Option : 4

**Q.20** Study the given pie-chart and answer the question that follows.  
The chart represents the percentage-wise distribution of total number of vanilla cakes and chocolate cakes sold every day in a week. Total number of cakes sold in a week = 10500.



The ratio of vanilla cakes sold to chocolate cakes sold on Friday is 4 : 3. If the selling price of one vanilla cake is ₹9 and that of one chocolate cake is ₹10, then the total amount earned (in ₹) by selling all the vanilla cakes and chocolate cakes on Friday is:

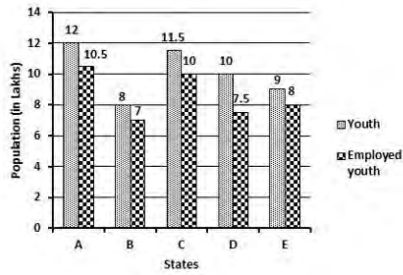
- Ans**
- 1. 11,000
  - 2. 8,900
  - 3. 10,000
  - 4. 9,900

Question ID : 65497842940  
Status : Not Answered  
Chosen Option : --



**Q.21** The following bar graph shows the total number of youth (in lakhs) and the number of employed youth (in lakhs) in 5 states A, B, C, D and E.

What is the percentage of employed youth in states A and E taken together?



**Ans**

✓ 1.  $88\frac{2}{21}$

✗ 2.  $88\frac{8}{21}$

✗ 3.  $82\frac{8}{21}$

✗ 4.  $88\frac{1}{21}$

Question ID : 65497843747  
 Status : Not Answered  
 Chosen Option : --

**Q.22** A shopkeeper bought 40 pieces of an article at a rate of ₹50 per item. He sold 35 pieces with 20% profit. The remaining 5 pieces were found to be damaged and he sold them with 10% loss. Find his overall profit percentage.

**Ans**

✗ 1. 30%

✗ 2. 32.5%

✓ 3. 16.25%

✗ 4. 10%

Question ID : 65497843530  
 Status : Not Answered  
 Chosen Option : --

**Q.23** If the nine-digit number  $9m2365n48$  is completely divisible by 88, what is the value of  $(m^2 \times n^2)$ , for the smallest value of  $n$ , where  $m$  and  $n$  are natural numbers?

**Ans**

✗ 1. 36

✓ 2. 64

✗ 3. 32

✗ 4. 20

Question ID : 65497843120  
 Status : Not Answered  
 Chosen Option : --

**Q.24** An isosceles  $\triangle MNP$  is inscribed in a circle. If  $MN = MP = 16\sqrt{5}$  cm, and  $NP = 32$  cm, what is the radius (in cm) of the circle?

- Ans**
- 1. 20
  - 2.  $18\sqrt{5}$
  - 3. 18
  - 4.  $20\sqrt{5}$

Question ID : **65497843135**  
Status : **Not Answered**  
Chosen Option : --

**Q.25** If Seema invests ₹17,650 in an account that yields 8.5% p.a. simple interest, then how much (to nearest ₹) will she have after 5 years?

- Ans**
- 1. 25,151
  - 2. 21,155
  - 3. 21,551
  - 4. 25,115

Question ID : **65497844340**  
Status : **Answered**  
Chosen Option : **3**

Section : **English Comprehension**

**Q.1** Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

When Sirisha knock at the door someone peeped through the window.

- Ans**
- 1. knocked door
  - 2. knocked at the door
  - 3. knocked on door
  - 4. No substitution required

Question ID : **65497844155**  
Status : **Answered**  
Chosen Option : **2**

**Q.2** Select the option that gives the most appropriate meaning of the underlined idiom.

You have put me in a tight corner by telling me to keep quiet.

- Ans**
- 1. An embarrassing situation
  - 2. A comfortable situation
  - 3. A difficult situation
  - 4. A secret place

Question ID : **65497843165**  
Status : **Answered**  
Chosen Option : **3**

**Q.3** Select the most appropriate **ANTONYM** of the given word.

**Ransack**

- Ans**
- 1. Seize
  - 2. Raid
  - 3. Protect
  - 4. Pilfer

Question ID : **65497843163**  
Status : **Answered**  
Chosen Option : **3**

**Q.4** Select the most appropriate **ANTONYM** of the given word.

**CENTRE**

- Ans**
- 1. Periphery
  - 2. Clear
  - 3. Mainstream
  - 4. Definite

Question ID : **65497844376**  
Status : **Answered**  
Chosen Option : **1**

**Q.5** Select the most appropriate option to fill in the blank.

Now after the COVID-19 situation has \_\_\_\_\_, Bangladesh has started air travel services for other countries including India.

- Ans**
- 1. improved
  - 2. progressed
  - 3. advanced
  - 4. enriched

Question ID : **65497843574**  
Status : **Answered**  
Chosen Option : **1**

**Q.6** Select the most appropriate **synonym** of the given word.

**Eventually**

- Ans**
- 1. Initially
  - 2. Primarily
  - 3. Originally
  - 4. Ultimately

Question ID : **65497842758**  
Status : **Answered**  
Chosen Option : **4**

**Q.7** Select the option that can be used as a one-word substitute for the given group of words.

**A tank for fish or water plants**

- Ans**  1. Reservoir  
 2. Aviary  
 3. Aquarium  
 4. Museum

Question ID : 65497843572  
Status : Answered  
Chosen Option : 3

**Q.8** Select the option that can be used as a one-word substitute for the given group of words.

**An image of a God used for worship**

- Ans**  1. Model  
 2. Idol  
 3. Icon  
 4. Temple

Question ID : 65497842763  
Status : Answered  
Chosen Option : 2

**Q.9** Given below are four jumbled sentences. Select the option that gives their correct order.

- A.** Finally, it can be termed as the channel for all trade, and what is more important, of all ideas.  
**B.** It also provides framework to all economic development.  
**C.** It is the road which determines the site of many cities and the growth and nourishment of all.  
**D.** The road is one of the great fundamental institutions of mankind.

- Ans**  1. CABD  
 2. DCBA  
 3. BDAC  
 4. DBAC

Question ID : 65497842958  
Status : Answered  
Chosen Option : 2

**Q.10** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

**Athens was / a most luminous / of all city-states / of ancient Greece.**

- Ans**  1. Athens was  
 2. of all city-states  
 3. of ancient Greece  
 4. a most luminous

Question ID : 65497842540  
Status : Answered  
Chosen Option : 4

**Q.11 Select the option that expresses the given sentence in passive voice.**

**They catch whale sharks commercially in some places around the world.**

- Ans**
- 1. Whale sharks were caught commercially in some places around the world.
  - 2. Whale sharks are being caught commercially in some places around the world.
  - 3. Whale sharks have been caught commercially in some places around the world.
  - 4. Whale sharks are caught commercially in some places around the world.

Question ID : **65497842947**  
Status : **Answered**  
Chosen Option : **4**

**Q.12 Select the correct active voice form of the given sentence**

**A cartoon film is being watched by Praveen.**

- Ans**
- 1. Praveen would like to watch a cartoon film.
  - 2. Praveen had been watching a cartoon film.
  - 3. Praveen is watched a cartoon film.
  - 4. Praveen is watching a cartoon film.

Question ID : **65497842746**  
Status : **Answered**  
Chosen Option : **2**

**Q.13 Select the option that expresses the given sentence in indirect speech.**

**She said to her, "Will you ready my suit tomorrow?"**

- Ans**
- 1. She asked her if she would ready her suit tomorrow.
  - 2. She asked her if she would ready her suit the next day.
  - 3. She asked her that if she would ready her suit tomorrow
  - 4. She said her if she would ready her suit tomorrow.

Question ID : **65497844369**  
Status : **Answered**  
Chosen Option : **3**

**Q.14 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.**

**We ordered a Pizza / which are one of / my favourite foods.**

- Ans**
- 1. which are one of
  - 2. No error
  - 3. my favourite foods
  - 4. We ordered a Pizza

Question ID : **65497844360**  
Status : **Answered**  
Chosen Option : **1**

Q.15 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

We thought / there was a good idea / to wear snow boots / before we stepped out.

- Ans
- 1. We thought
  - 2. before we stepped out
  - 3. to wear snow boots
  - 4. there was a good idea

Question ID : 65497842743  
Status : Answered  
Chosen Option : 4

Q.16 Select the INCORRECTLY spelt word.

- Ans
- 1. Deceive
  - 2. Leisure
  - 3. Believe
  - 4. Welfare

Question ID : 65497842765  
Status : Answered  
Chosen Option : 4

Q.17 Select the most appropriate synonym of the given word.

Trendy

- Ans
- 1. Common
  - 2. Foreign
  - 3. Popular
  - 4. Familiar

Question ID : 65497842959  
Status : Answered  
Chosen Option : 3

Q.18 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

None of the boys was willing to admit that he was in the wrong.

- Ans
- 1. No substitution required
  - 2. willing to admitting
  - 3. ready to admitting
  - 4. admit

Question ID : 65497843158  
Status : Answered  
Chosen Option : 1

**Q.19** Select the most appropriate meaning of the following idiom.

**Nip in the bud**

- Ans**  1. To destroy early  
 2. To cut the buds  
 3. To destroy late  
 4. Not to destroy

Question ID : **65497844378**  
Status : **Answered**  
Chosen Option : **1**

**Q.20** Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

You are welcome to partake this light refreshment.

- Ans**  1. No improvement required  
 2. to partake of  
 3. for partaking  
 4. in partaken

Question ID : **65497842957**  
Status : **Answered**  
Chosen Option : **3**

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

There is always something so fascinating about trains and journeys. There (1) \_\_\_\_\_ certain symbols and signages inside and outside of the train. The (2) \_\_\_\_\_ of most of them might not be known to everyone. (3) \_\_\_\_\_ you are a frequent traveller or not, you may have (4) \_\_\_\_\_ the letter X or a cross mark on the back of the last (5) \_\_\_\_\_ of the train.

**SubQuestion No : 21**

**Q.21** Select the most appropriate option to fill in blank number 1.

- Ans**  1. were  
 2. are  
 3. had been  
 4. will be

Question ID : **65497843556**  
Status : **Answered**  
Chosen Option : **2**

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

There is always something so fascinating about trains and journeys. There (1) \_\_\_\_\_ certain symbols and signages inside and outside of the train. The (2) \_\_\_\_\_ of most of them might not be known to everyone. (3) \_\_\_\_\_ you are a frequent traveller or not, you may have (4) \_\_\_\_\_ the letter X or a cross mark on the back of the last (5) \_\_\_\_\_ of the train.

**SubQuestion No : 22**

**Q.22 Select the most appropriate option to fill in blank number 2.**

- Ans**
- 1. senses
  - 2. charge
  - 3. worth
  - 4. meanings

Question ID : 65497843557  
Status : Answered  
Chosen Option : 4

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

There is always something so fascinating about trains and journeys. There (1) \_\_\_\_\_ certain symbols and signages inside and outside of the train. The (2) \_\_\_\_\_ of most of them might not be known to everyone. (3) \_\_\_\_\_ you are a frequent traveller or not, you may have (4) \_\_\_\_\_ the letter X or a cross mark on the back of the last (5) \_\_\_\_\_ of the train.

**SubQuestion No : 23**

**Q.23 Select the most appropriate option to fill in blank number 3.**

- Ans**
- 1. Whether
  - 2. Whichever
  - 3. Whatever
  - 4. However

Question ID : 65497843558  
Status : Answered  
Chosen Option : 1

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

There is always something so fascinating about trains and journeys. There (1) \_\_\_\_\_ certain symbols and signages inside and outside of the train. The (2) \_\_\_\_\_ of most of them might not be known to everyone. (3) \_\_\_\_\_ you are a frequent traveller or not, you may have (4) \_\_\_\_\_ the letter X or a cross mark on the back of the last (5) \_\_\_\_\_ of the train.

**SubQuestion No : 24**

**Q.24 Select the most appropriate option to fill in blank number 4.**

- Ans**
- 1. distinguished
  - 2. recognised
  - 3. noticed
  - 4. known

Question ID : 65497843559  
Status : Answered  
Chosen Option : 3



**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

There is always something so fascinating about trains and journeys. There (1) \_\_\_\_\_ certain symbols and signages inside and outside of the train. The (2) \_\_\_\_\_ of most of them might not be known to everyone. (3) \_\_\_\_\_ you are a frequent traveller or not, you may have (4) \_\_\_\_\_ the letter X or a cross mark on the back of the last (5) \_\_\_\_\_ of the train.

**SubQuestion No : 25**

**Q.25** Select the most appropriate option to fill in blank number 5.

- Ans**  1. booth  
 2. coach  
 3. bus  
 4. rail

Question ID : **65497843560**  
Status : **Answered**  
Chosen Option : **2**

KD Job Updates

## Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate Name	
Venue Name	CLM Resources and Management
Exam Date	18/04/2022
Exam Time	9:00 AM - 10:00 AM
Subject	CGLE 2021 Tier I

### Section : General Intelligence and Reasoning

**Q.1** In a certain code, 6218 means 'Laptop is a computer' and 8217 means 'Computer is a machine'. Which of the following is the code for 'Machine makes our life easy'?

- Ans  1. 75344  
 2. 75894  
 3. 58795  
 4. 76834

Question ID : 65497842571

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.2** Six letters, D, d, E, e, F and f, are written on the different faces of a dice. Two positions of this dice are shown. Select the letter that will be on the face opposite to the face having the letter 'D'.



- Ans  1. E  
 2. f  
 3. e  
 4. d

Question ID : 65497841979

Status : Not Answered

Chosen Option : --

**Q.3** Nine employees, K, L, M, N, O, P, Q, R and S, are sitting in the office in a straight line, all facing the east. O is third to the right of M. K is third to the left of P. Q is between P and S. N is fourth to the right of M. P is to the immediate right of N. R is fourth to the left of O. Which of the following statements is NOT correct?

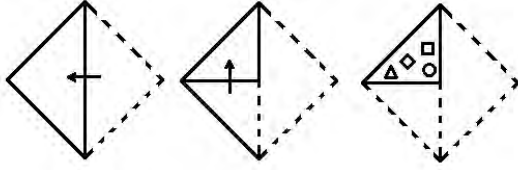
- Ans  1. R and S are sitting at the corners.  
 2. L is sitting third to the left of O.  
 3. Q is sitting fourth to the right of K.  
 4. O is sitting between K and N.

Question ID : 65497843584

Status : Not Answered

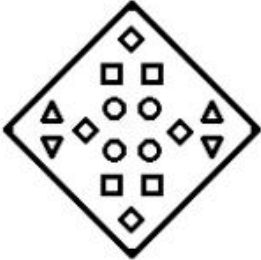
Chosen Option : --

**Q.4** The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



Ans

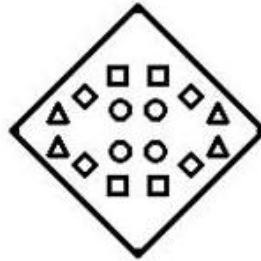
1.



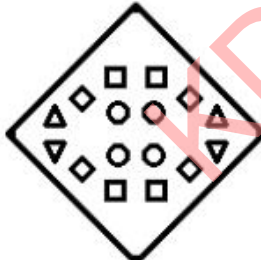
2.



3.



4.



Question ID : 65497844406

Status : Answered

Chosen Option : 4

**Q.5** Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the one that is different.

- Ans  1. TWY  
 2. GJM  
 3. LOQ  
 4. BEG

Question ID : 65497842567  
Status : Answered  
Chosen Option : 2

**Q.6** Select the option that is related to the third term in the same way as the second term is related to the first term.

HARMONY : BMLGUDK :: RESOLVE : ?

- Ans  1. VEOIVHU  
 2. OVEJUHV  
 3. EVOJHVU  
 4. VOEIUVH

Question ID : 65497844285  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.7** In a certain code language, if ESTEEM is written as HVWHHP, then how will DOCTOR be written in the same code language?

- Ans  1. GRFWRU  
 2. GRGVST  
 3. FQEVQT  
 4. HSGXSV

Question ID : 65497844628  
Status : Answered  
Chosen Option : 1

**Q.8** If A denotes 'addition', B denotes 'multiplication', C denotes 'subtraction', and D denotes 'division', then what will be the value of the following expression?

66 A (132 D 12) C (4 A 3) B (15 D 5) A 16 B (-3)

- Ans  1. 8  
 2. 10  
 3. 6  
 4. 56

Question ID : 65497843591  
Status : Answered  
Chosen Option : 1

Q.9 If '@' means 'addition', '%' means 'multiplication', '\$' means 'division', and '#' means 'subtraction', then find the value of the following expression.

$$23 @ 105 \$ 15 \% 6 \# 29$$

- Ans
- 1. 23
  - 2. 28
  - 3. 36
  - 4. 40

Question ID : 65497841976  
Status : Answered  
Chosen Option : 3

Q.10 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

g \_ o \_ d k \_ m \_ f \_ o \_ k k \_ g f o \_ d \_ k m

- Ans
- 1. f o k d o d m o k
  - 2. f o k g o d m o k
  - 3. f o k g o d f o k
  - 4. f o k g o d m o m

Question ID : 65497844631  
Status : Not Answered  
Chosen Option : --

Q.11 Select the correct mirror image of the given figure when the mirror is placed at 'PQ' as shown.



- Ans
- 1.
  - 2.
  - 3.
  - 4.

Question ID : 65497843597  
Status : Answered  
Chosen Option : 2

Q.12 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

RSX, NQW, JOV, FMU, ?

- Ans  1. BLT  
 2. DKS  
 3. CJS  
 4. BKT

Question ID : 65497841959  
Status : Answered  
Chosen Option : 4

Q.13 Select the correct option that indicates the arrangement of the given words in a logical and meaningful order.

- 1.Core
- 2.Atmosphere
- 3.Universe
- 4.Surface
- 5.Galaxy

- Ans  1. 1, 4, 2, 5, 3  
 2. 4, 3, 5, 2, 1  
 3. 1, 4, 2, 3, 5  
 4. 1, 3, 4, 5, 2

Question ID : 65497844634  
Status : Answered  
Chosen Option : 1

Q.14 Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

21 : 112 :: 36 : ? :: 51 : 272

- Ans  1. 192  
 2. 252  
 3. 72  
 4. 198

Question ID : 65497844396  
Status : Answered  
Chosen Option : 1

Q.15 The average salary of the entire teaching staff in a college is ₹2,000 per day. The average salary of the male teachers is ₹2,500 and that of the female teachers is ₹1,200. If the number of male teachers is 16, then find the number of female teachers in the college.

- Ans  1. 12  
 2. 10  
 3. 18  
 4. 14

Question ID : 65497844296  
Status : Answered  
Chosen Option : 2

**Q.16** Study the given matrix carefully and select the number from among the given options that can replace the question mark (?) in it.

12 8 100  
18 6 111  
15 4 ?

- Ans  1. 102  
 2. 108  
 3. 62  
 4. 78

Question ID : 65497842580  
Status : Answered  
Chosen Option : 3

**Q.17** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

All bats are birds.  
Some rats are bats.

**Conclusions:**

- I. Some rats are birds.  
II. Some birds are bats.  
III. All rats are bats.

- Ans  1. Only conclusion II follows.  
 2. Only conclusions I and II follow.  
 3. Only conclusions I and III follow.  
 4. Only conclusion I follows.

Question ID : 65497841969  
Status : Answered  
Chosen Option : 2

**Q.18** Six letters A, B, C, D, E and F are written on different faces of a dice. Two positions of the same dice are shown. Select the letter that will be on the face opposite to the face having the letter 'C'.



- Ans  1. F  
 2. D  
 3. B  
 4. E

Question ID : 65497844401  
Status : Answered  
Chosen Option : 4

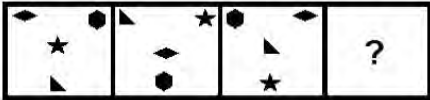
**Q.19** Select the number from among the given options that can replace the question mark (?) in the following series.

3, 11, 31, 69, 131, ?

- Ans  1. 152  
 2. 163  
 3. 198  
 4. 223

Question ID : 65497842576  
Status : Answered  
Chosen Option : 4

**Q.20** Select the figure from among the given options that can replace the question mark (?) in the following series.



Ans

- 1.
- 2.
- 3.
- 4.

Question ID : 65497843594  
Status : Answered  
Chosen Option : 1



**Q.21** In a certain code language 'ROUBST' is coded as 61. How will 'FORTUNATE' be coded in that language?

**Ans**  1. 124

2. 114

3. 141

4. 142

Question ID : **65497844388**  
Status : **Not Answered**  
Chosen Option : --

**Q.22** Select the number from among the given options that can replace the question mark (?) in the following series.

58, 67, 83, 108, ?

**Ans**  1. 178

2. 157

3. 139

4. 144

Question ID : **65497841971**  
Status : **Marked For Review**  
Chosen Option : 2

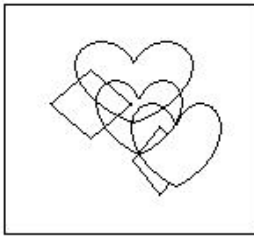
KD Job Updates

Q.23 Select the option in which the given figure is embedded (rotation is NOT allowed).

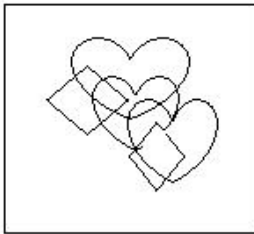


Ans

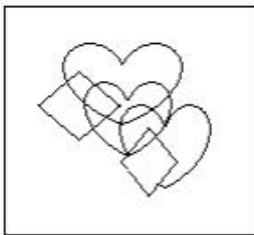
1.



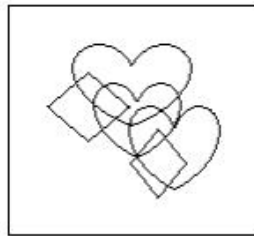
2.



3.

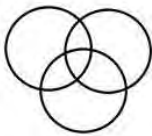


4.



Question ID : 65497842586  
Status : Answered  
Chosen Option : 4

Q.24 Select the set of classes the relationship among which is best illustrated by the given Venn diagram.



Ans  1. Women, Gynaecologists, Doctors

2. Males, Females, Daughters

3. Entrepreneurs, Women, Philanthropists

4. Eatables, Plums, Fruits

Question ID : 65497844306  
Status : Answered  
Chosen Option : 3

Q.25 'A + B' means 'A is the daughter of B'.  
'A \$ B' means 'A is the husband of B'.  
'A @ B' means 'A is the brother of B'.  
'A & B' means 'A is the mother of B'.  
'A % B' means 'A is the son of B'.  
If 'W @ S % K \$ G & U & T @ R + C', then which of the following statements is correct?

- Ans
- 1. G is the maternal grandmother of R.
  - 2. G is the father of W.
  - 3. C is the father-in-law of K.
  - 4. C is the wife of U.

Question ID : 65497843583  
Status : Answered  
Chosen Option : 1

Section : General Awareness

Q.1 The \_\_\_\_\_ festival of Sikkim is also known as Bhoomi Puja or Chandi Puja.

- Ans
- 1. Barahimizong
  - 2. Losar
  - 3. Indra Jatra
  - 4. Sakewa

Question ID : 65497841985  
Status : Answered  
Chosen Option : 1

Q.2 Which of the following is India's first Paperless Budget?

- Ans
- 1. Union Budget 2018-19
  - 2. Union Budget 2020-21
  - 3. Union Budget 2019-20
  - 4. Union Budget 2021-22

Question ID : 65497843604  
Status : Answered  
Chosen Option : 2

Q.3 Which of the following is a peninsular river?

- Ans
- 1. Brahmaputra
  - 2. Narmada
  - 3. Ganga
  - 4. Indus

Question ID : 65497843611  
Status : Answered  
Chosen Option : 2

Q.4 The Poona Pact of 1932 was an agreement between Mahatma Gandhi and \_\_\_\_\_.

- Ans  1. BR Ambedkar  
 2. Lord Irwin  
 3. Aurobindo Ghose  
 4. Bal Gangadhar Tilak

Question ID : 65497844424  
Status : Answered  
Chosen Option : 1

Q.5 Karishma Yadav was awarded the Vikram Award 2019 for \_\_\_\_\_ by the Government of Madhya Pradesh.

- Ans  1. archery  
 2. hockey  
 3. shooting  
 4. swimming

Question ID : 65497842007  
Status : Not Answered  
Chosen Option : --

Q.6 Who among the following is the author of the book 'Two Lives'?

- Ans  1. Sudha Murty  
 2. Arundhati Roy  
 3. Chetan Bhagat  
 4. Vikram Seth

Question ID : 65497844326  
Status : Answered  
Chosen Option : 3

Q.7 A bill becomes an Act of the Parliament after being passed by both the houses of Parliament and assented to by the \_\_\_\_\_.

- Ans  1. Prime Minister  
 2. Vice President  
 3. President  
 4. Speaker of the Lok Sabha

Question ID : 65497844428  
Status : Answered  
Chosen Option : 3

Q.8 Which of the following is the physical quantity for the expression  $\text{arc}/\text{radius}$ ?

- Ans  1. Surface tension  
 2. Velocity  
 3. Linear momentum  
 4. Plane angle

Question ID : 65497844315  
Status : Answered  
Chosen Option : 4

**Q.9 Which of the following statements about the 'Gotra' practice in ancient India is true?**

- Ans**
- 1. Men and women were expected to marry within the same gotra.
  - 2. People belonging to the same gotra were regarded as descendants of the person after whom the gotra was named.
  - 3. Women retained their father's gotra after marriage.
  - 4. Each gotra was named after a famous king.

Question ID : **65497841999**  
Status : **Answered**  
Chosen Option : **2**

**Q.10 \_\_\_\_\_ is the measure of relative clarity of a liquid.**

- Ans**
- 1. Turbidity
  - 2. Conductivity
  - 3. Composting
  - 4. Reduction

Question ID : **65497844415**  
Status : **Answered**  
Chosen Option : **1**

**Q.11 At a Regional Rural Bank, the share of the Government of India is \_\_\_\_\_.**

- Ans**
- 1. 40%
  - 2. 60%
  - 3. 50%
  - 4. 20%

Question ID : **65497844410**  
Status : **Answered**  
Chosen Option : **1**

**Q.12 The Swachh Bharat Mission (SBM) was launched in the year \_\_\_\_\_ to fulfil the vision of cleaner India as a tribute to Mahatma Gandhi.**

- Ans**
- 1. 2014
  - 2. 2015
  - 3. 2017
  - 4. 2016

Question ID : **65497842596**  
Status : **Answered**  
Chosen Option : **2**

Q.13 Article \_\_\_\_\_ of the Constitution of India lays down the process for introducing changes in the Constitution.

- Ans
- 1. 342
  - 2. 351
  - 3. 374
  - 4. 368

Question ID : 65497842612  
Status : Answered  
Chosen Option : 4

Q.14 Which of the following is NOT a water pollutant?

- Ans
- 1. Silt
  - 2. Glacier
  - 3. Arsenic
  - 4. Chromium

Question ID : 65497844317  
Status : Answered  
Chosen Option : 2

Q.15 As per a list compiled by the United Nations Population Division, \_\_\_\_\_ is the world's fastest-growing city with a 44% increase in population between 2015 and 2020.

- Ans
- 1. Malappuram
  - 2. Surat
  - 3. Kozhikode
  - 4. Jaipur

Question ID : 65497842603  
Status : Not Answered  
Chosen Option : --

Q.16 What is the power of 'second' in the SI unit of acceleration?

- Ans
- 1. +1
  - 2. -1
  - 3. -2
  - 4. 0

Question ID : 65497843609  
Status : Answered  
Chosen Option : 3

Q.17 'Ponung' and 'Tapu' are popular dance forms from the state of \_\_\_\_\_ .

- Ans
- 1. Chhattisgarh
  - 2. Arunachal Pradesh
  - 3. Goa
  - 4. Bihar

Question ID : 65497842590  
Status : Answered  
Chosen Option : 2

Q.18 Before being renamed, Mount Everest was simply known as \_\_\_\_\_.

- Ans  1. Peak IX  
 2. Peak XV  
 3. Peak XII  
 4. Peak VI

Question ID : 65497841996  
Status : Not Answered  
Chosen Option : --

Q.19 Ferrum is the Latin name for \_\_\_\_\_ .

- Ans  1. nickel  
 2. copper  
 3. iron  
 4. zinc

Question ID : 65497841989  
Status : Answered  
Chosen Option : 3

Q.20 According to the Economic Survey 2020-21, imports are expected to decline by \_\_\_\_\_ in the second half of FY21.

- Ans  1. 8.2%  
 2. 11.3%  
 3. 6.3%  
 4. 5.4%

Question ID : 65497844310  
Status : Answered  
Chosen Option : 2

Q.21 With reference to the Money Bills in the Parliament, which of the following statements is INCORRECT?

- Ans  1. The Lok Sabha can either accept or reject all or any of the recommendations of the Rajya Sabha.  
 2. It can be introduced only in the Lok Sabha.  
 3. It can be rejected or amended by the Rajya Sabha.  
 4. It can only be introduced by a minister and not by a private member.

Question ID : 65497843621  
Status : Answered  
Chosen Option : 3

**Q.22** Who among the following is the author of the epic poem 'Kamayani'?

- Ans**  1. Jaishankar Prasad  
 2. Gopala Sarana Sinha  
 3. Mahadevi Varma  
 4. Mahavir Prasad Dwivedi

Question ID : 65497843617  
Status : Answered  
Chosen Option : 3

**Q.23** Who among the following wrote the novel 'The Great Gatsby'?

- Ans**  1. Chinua Achebe  
 2. Harper Lee  
 3. F Scott Fitzgerald  
 4. Alice Walker

Question ID : 65497844426  
Status : Not Answered  
Chosen Option : --

**Q.24** King Ajatashatru was a ruler of the \_\_\_\_\_ dynasty.

- Ans**  1. Haryanka  
 2. Mauryan  
 3. Shishunaga  
 4. Nanda

Question ID : 65497842604  
Status : Answered  
Chosen Option : 1

**Q.25** Los Angeles Clippers and Portland Trail Blazers are \_\_\_\_\_ teams.

- Ans**  1. Women's Tennis  
 2. Men's Basketball  
 3. Women's Hockey  
 4. Men's Volleyball

Question ID : 65497844331  
Status : Answered  
Chosen Option : 2

Section : Quantitative Aptitude



Q.1

The value of  $\frac{46 + \frac{3}{4} \text{ of } 32 - 6}{37 - \frac{3}{4} \text{ of } (34 + 6)}$  is:

Ans

- 1.  $\frac{64}{7}$
- 2.  $\frac{54}{7}$
- 3.  $\frac{44}{7}$
- 4.  $\frac{34}{7}$

Question ID : 65497844334

Status : Answered

Chosen Option : 1

Q.2 The greatest number that divides 126, 224 and 608 leaving remainders 2, 7 and 19, respectively, is:

Ans

- 1. 27
- 2. 31
- 3. 21
- 4. 37

Question ID : 65497844333

Status : Answered

Chosen Option : 2

Q.3 In the following figure, P and Q are centres of two circles. The circles are intersecting at points A and B. PA produced on both the sides meets the circles at C and D. If  $\angle CPB = 100^\circ$ , then find the value of x.



Ans

- 1. 115
- 2. 120
- 3. 110
- 4. 100

Question ID : 65497842024

Status : Answered

Chosen Option : 4

**Q.4** A shopkeeper allows a 28% discount on the marked price of an article and still makes a profit of 30%. If he gains ₹39.90 on the sale of one article, then what is the marked price (to the nearest ₹) of the article?

- Ans**
- 1. 200
  - 2. 240
  - 3. 173
  - 4. 133

Question ID : 65497842821  
Status : Answered  
Chosen Option : 1

**Q.5** If  $\left(x^2 + \frac{1}{x^2}\right) = 23$ ,  $x > 0$  What is the value of  $\left(x^3 + \frac{1}{x^3}\right) = ?$

- Ans**
- 1. 140
  - 2. 110
  - 3. -110
  - 4. -140

Question ID : 65497844446  
Status : Answered  
Chosen Option : 2

**Q.6** If  $A = 60^\circ$ , what is the value of:

$$\frac{[8 \cos A + 7 \sec A - \tan^2 A]}{10 \sin \frac{A}{2}} ?$$

- Ans**
- 1. 5
  - 2. 3
  - 3. 15
  - 4. 10

Question ID : 65497843644  
Status : Answered  
Chosen Option : 2

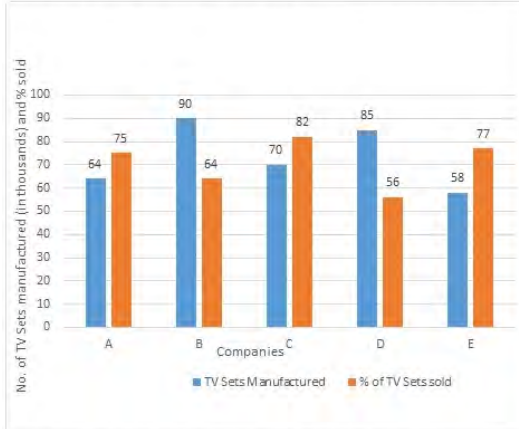
**Q.7** Two poles of heights 10 m and 17 m are fixed to a level ground. The distance between the bottom of the poles is 24 m. What is the distance (in m) between their tops?

- Ans**
- 1. 25
  - 2. 24
  - 3. 30
  - 4. 27

Question ID : 65497844449  
Status : Answered  
Chosen Option : 1

**Q.8** The given bar chart represents the Televisions Sets (TV) manufactured (in thousands) and the respective percentage of those TV Sets sold by five different companies A, B, C, D and E in 2015.

Study the chart carefully and answer the question that follows.



What is the ratio of the number of TV sets sold by company A to that of company B in 2015?

- Ans**
- 1. 6 : 5
  - 2. 4 : 5
  - 3. 5 : 4
  - 4. 5 : 6

Question ID : 65497843143  
 Status : Answered  
 Chosen Option : 4

**Q.9** A circle is inscribed in  $\triangle ABC$ , touching AB, BC and AC at the points P, Q and R, respectively. If  $AB - BC = 4$  cm,  $AB - AC = 2$  cm, and the perimeter of  $\triangle ABC = 32$  cm, then AC (in cm) = ?

- Ans**
- 1.  $\frac{35}{3}$
  - 2.  $\frac{38}{3}$
  - 3.  $\frac{32}{3}$
  - 4.  $\frac{26}{3}$

Question ID : 65497842629  
 Status : Answered  
 Chosen Option : 3

**Q.10** If  $a + b - c = 5$  and  $ab - bc - ac = 10$ , then find the value of  $a^2 + b^2 + c^2$ .

- Ans**
- 1. 40
  - 2. 5
  - 3. 45
  - 4. 15

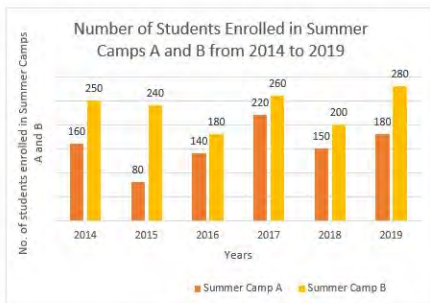
Question ID : 65497843637  
 Status : Answered  
 Chosen Option : 2

**Q.11** The sum of three numbers is 98. If the ratio of the first to the second is 2 : 3 and that of the second to the third is 5 : 8, then the third number is:

- Ans**
- 1. 30
  - 2. 20
  - 3. 49
  - 4. 48

Question ID : 65497844440  
Status : Answered  
Chosen Option : 4

**Q.12** The following bar chart shows the number of students enrolled in two Summer Camps A and B from 2014 to 2019. Study the chart carefully and answer the question that follows.



What is the ratio of the students enrolled in Camp A in 2014, 2016 and 2017 to the students enrolled in Camp B in 2015, 2018 and 2019?

- Ans**
- 1. 18 : 13
  - 2. 22 : 15
  - 3. 13 : 18
  - 4. 15 : 22

Question ID : 65497843042  
Status : Answered  
Chosen Option : 3

**Q.13** What is the amount (in ₹) of a sum of ₹32,000 at 20% per annum for 9 months, compounded quarterly?

- Ans**
- 1. 37,044
  - 2. 35,087
  - 3. 32,000
  - 4. 30,876

Question ID : 65497842623  
Status : Answered  
Chosen Option : 1

**Q.14** Exactly midway between the foot of two towers P and Q, the angles of elevation of their tops are  $45^\circ$  and  $60^\circ$ , respectively. The ratio of the heights of P and Q is:

- Ans**
- 1.  $1 : \sqrt{3}$
  - 2.  $3 : 1$
  - 3.  $1 : 3$
  - 4.  $\sqrt{3} : 1$

Question ID : **65497844352**  
Status : **Answered**  
Chosen Option : **1**

**Q.15** Study the given histogram and answer the question that follows.



What is the difference between the total number of workers whose daily wages are less than ₹450 and the total number of workers whose daily wages are ₹650 and above?

- Ans**
- 1. 4
  - 2. 8
  - 3. 10
  - 4. 5

Question ID : **65497842639**  
Status : **Answered**  
Chosen Option : **4**

**Q.16** A shopkeeper bought a table for ₹4,600 and a chair for ₹1,800. He sells the table with 10% gain and the chair with 6% gain. Find the overall gain percentage.

- Ans**
- 1.  $7\frac{3}{4}$
  - 2.  $8\frac{7}{8}$
  - 3. 8
  - 4. 16

Question ID : **65497843631**  
Status : **Answered**  
Chosen Option : **2**

**Q.17** Find the greatest number  $234a5b$ , which is divisible by 22, but NOT divisible by 5.

- Ans**
- 1. 234058
  - 2. 234850
  - 3. 234652
  - 4. 234751

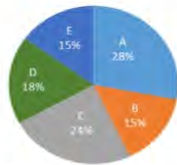
Question ID : 65497842009  
Status : Answered  
Chosen Option : 3

**Q.18** The price of an item is reduced by 20%. As a result, customers can get 2 kg more of it for ₹360. Find the original price (in ₹) per kg of the item.

- Ans**
- 1. 40
  - 2. 45
  - 3. 48
  - 4. 36

Question ID : 65497842014  
Status : Answered  
Chosen Option : 2

**Q.19** The given pie chart shows the percentage of students in five schools and the table shows the ratio of boys and girls in each school. Study the pie chart and table and answer the question that follows.



The below table shows the ratio of girls and boys in the given five schools.

School	Girls : Boys
A	3 : 4
B	2 : 3
C	5 : 3
D	1 : 2
E	4 : 1

What is the ratio of the number of boys in school C to the number of girls in school E?

- Ans**
- 1. 4 : 3
  - 2. 1 : 2
  - 3. 3 : 4
  - 4. 2 : 1

Question ID : 65497844354  
Status : Answered  
Chosen Option : 3

**Q.20** If  $\sec^2 \theta + \tan^2 \theta = 3\frac{1}{2}$ ,  $0^\circ < \theta < 90^\circ$ , then  $(\cos\theta + \sin\theta)$  is equal to

**Ans**

1.  $\frac{1+\sqrt{5}}{3}$

2.  $\frac{2+\sqrt{5}}{3}$

3.  $\frac{1+\sqrt{5}}{6}$

4.  $\frac{9+2\sqrt{5}}{6}$

Question ID : 65497844451

Status : Answered

Chosen Option : 2

**Q.21** Shyam drives his car 30 km at a speed of 45 km/h and, for the next 1 h 20 m, he drives it at a speed of 51 km/h. Find his average speed (in km/h) for the entire journey.

**Ans**

1. 49

2. 48

3. 48.5

4. 47

Question ID : 65497843426

Status : Answered

Chosen Option : 1

**Q.22** In a  $\triangle ABC$ , the bisector of  $\angle A$  meets  $BC$  at  $D$ . If  $AB = 9.6$  cm,  $AC = 11.2$  cm and  $BD = 4.8$  cm, the perimeter (in cm) of  $\triangle ABC$  is:

**Ans**

1. 30.4

2. 28.6

3. 31.2

4. 32.8

Question ID : 65497843642

Status : Answered

Chosen Option : 3

**Q.23** A hemispherical depression of diameter 4 cm is cut out from each face of a cubical block of sides 10 cm. Find the surface area of the remaining solid (in  $\text{cm}^2$ ).

(Use  $\pi = \frac{22}{7}$ )

**Ans**

1.  $900\frac{4}{7}$

2.  $112\frac{4}{7}$

3.  $675\frac{3}{7}$

4.  $713\frac{1}{7}$

Question ID : 65497843434

Status : Answered

Chosen Option : 3

**Q.24** A man, a woman and a boy can complete a work in 3, 4 and 12 days, respectively. How many boys must assist one man and one woman to complete the same work in one day?

**Ans**

1. 5

2. 7

3. 4

4. 9

Question ID : 65497843634

Status : Answered

Chosen Option : 1

**Q.25** A boat can cover a distance of 56 km downstream in 3.5 hours. The ratio of the boat in still water and the speed of stream is 3 : 1. How much time (in hours) will the boat take to cover a distance of 41.6 km downstream?

**Ans**

1. 2.1

2. 1.5

3. 2.6

4. 1.8

Question ID : 65497844443

Status : Answered

Chosen Option : 3

Section : English Comprehension



**Q.1** Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

This TV channel has a larger viewership from another channel.

- Ans**
- 1. from the other channel
  - 2. than any other channel
  - 3. No substitution required
  - 4. from any other channel

Question ID : 65497842047  
Status : Answered  
Chosen Option : 2

**Q.2** Select the option that can be used as a one-word substitute for the given group of words.

One who can read and write

- Ans**
- 1. Illiterate
  - 2. Literate
  - 3. Eligible
  - 4. Illegible

Question ID : 65497844480  
Status : Answered  
Chosen Option : 2

**Q.3** Select the most appropriate synonym of the given word.

FINAL

- Ans**
- 1. Former
  - 2. Allowed
  - 3. Forbidden
  - 4. Concluding

Question ID : 65497844373  
Status : Answered  
Chosen Option : 4

**Q.4** Select the option that expresses the given sentence in passive voice.

Who is creating this mess?

- Ans**
- 1. By whom is this mess being created?
  - 2. Who has created this mess?
  - 3. By whom has this mess been created?
  - 4. By whom this mess being created?

Question ID : 65497844463  
Status : Answered  
Chosen Option : 1

**Q.5** Select the option that expresses the given sentence in indirect speech.

Ajay says, "There is going to be a snowfall."

- Ans  1. Ajay says that there was going to be a snowfall.  
 2. Ajay says that there is going to be a snowfall.  
 3. Ajay said that there is going to be a snowfall.  
 4. Ajay said that there was going to be a snowfall.

Question ID : 65497842652  
Status : Answered  
Chosen Option : 2

**Q.6** Select the most appropriate ANTONYM of the given word.

Exonerate

- Ans  1. Exempt  
 2. Absolve  
 3. Engage  
 4. Acquit

Question ID : 65497842659  
Status : Answered  
Chosen Option : 3

**Q.7** Select the most appropriate option to fill in the blank.

You will find it difficult \_\_\_\_\_ but later you will get used to wearing a mask.

- Ans  1. on first  
 2. at first  
 3. firstly  
 4. at the first

Question ID : 65497843675  
Status : Answered  
Chosen Option : 2

**Q.8** Select the most appropriate ANTONYM of the given word.

Obscure

- Ans  1. Blurred  
 2. Apparent  
 3. Cloudy  
 4. Veiled

Question ID : 65497842052  
Status : Answered  
Chosen Option : 2

**Q.9** The following sentence has been divided into parts. One of them contains an error.  
Select the part that contains the error from the given options.

It has / been raining / since / two hours.

- Ans**  1. since  
 2. been raining  
 3. It has  
 4. two hours

Question ID : 65497844460  
Status : Answered  
Chosen Option : 1

**Q.10** Select the most appropriate synonym of the given word.

**Squawk**

- Ans**  1. Suggest  
 2. Explore  
 3. Scream  
 4. Connote

Question ID : 65497844475  
Status : Answered  
Chosen Option : 3

**Q.11** Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

In spite of my niece's dog Casper is very mischievous, he is lovable.

- Ans**  1. Nevertheless my niece  
 2. No substitution required  
 3. Although my niece's  
 4. However my nieces

Question ID : 65497844371  
Status : Answered  
Chosen Option : 3

Q.12 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

- A. Firstly, it provides air for respiration, serves the sense of smell and conditions the air by filtering, warming and moistening it.
- B. The nose is the prominent structure between the eyes that serves as the entrance to the respiratory tract.
- C. For inhalation it has two cavities, separated from one another by a wall of cartilage called the septum.
- D. Apart from filtering the air, it also cleans itself of foreign debris extracted from inhalations.

- Ans
- 1. BACD
  - 2. ACDB
  - 3. BADC
  - 4. DBCA

Question ID : 65497844372  
Status : Answered  
Chosen Option : 3

Q.13 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Every Saturday, / the workers gets / their weekly wages.

- Ans
- 1. their weekly wages
  - 2. the workers gets
  - 3. Every Saturday
  - 4. No error

Question ID : 65497842034  
Status : Answered  
Chosen Option : 2

Q.14 Select the correctly spelt word.

- Ans
- 1. Convert
  - 2. Conect
  - 3. Concent
  - 4. Convect

Question ID : 65497844482  
Status : Answered  
Chosen Option : 1

Q.15 Select the most appropriate meaning of the given idiom.

Cool as a cucumber

- Ans
- 1. Nervous and fidgety
  - 2. Irritated and annoyed
  - 3. Calm and composed
  - 4. Happy and excited

Question ID : 65497842054  
Status : Answered  
Chosen Option : 3

**Q.16** Select the option that expresses the given sentence in passive voice.

The judge found the prisoner guilty.

- Ans  1. The prisoner had been found guilty by the judge.  
 2. The prisoner was found guilty by the judge.  
 3. The judge was found guilty by the prisoner.  
 4. The prisoner has been found guilty by the judge

Question ID : 65497844361  
Status : Answered  
Chosen Option : 2

**Q.17** Select the most appropriate meaning of the given idiom.

A hair in the butter

- Ans  1. Easy to handle  
 2. A slippery road  
 3. Sinking in debt  
 4. A challenging situation

Question ID : 65497842661  
Status : Answered  
Chosen Option : 3

**Q.18** Select the option that can be used as a one-word substitute for the given group of words.

Drawings or writing on a wall in a public place

- Ans  1. Portrait  
 2. Caricature  
 3. Graffiti  
 4. Collage

Question ID : 65497843673  
Status : Answered  
Chosen Option : 3

**Q.19** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The contrast between / Britain and other countries / of Europe / are striking.

- Ans  1. The contrast between  
 2. are striking  
 3. Britain and other countries  
 4. of Europe

Question ID : 65497842643  
Status : Answered  
Chosen Option : 2

**Q.20** Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

Which movie have you watched on television when I called you?

- Ans  1. No substitution required  
 2. were you watching  
 3. did you watched  
 4. are you watching

Question ID : 65497844156  
Status : Answered  
Chosen Option : 2

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The camel and the fox were very good friends and very good thieves. One day, the two friends (1) \_\_\_\_\_ to cross the river so that they could travel to a (2) \_\_\_\_\_ farm to steal food. The small fox (3) \_\_\_\_\_ swim, so the camel said to his friend, 'Climb (4) \_\_\_\_\_ onto my back and I will swim across the (5) \_\_\_\_\_.'

SubQuestion No : 21

**Q.21** Select the most appropriate option to fill in blank number 1.

- Ans  1. deciding  
 2. will decide  
 3. decided  
 4. are decide

Question ID : 65497843657  
Status : Answered  
Chosen Option : 3

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The camel and the fox were very good friends and very good thieves. One day, the two friends (1) \_\_\_\_\_ to cross the river so that they could travel to a (2) \_\_\_\_\_ farm to steal food. The small fox (3) \_\_\_\_\_ swim, so the camel said to his friend, 'Climb (4) \_\_\_\_\_ onto my back and I will swim across the (5) \_\_\_\_\_.'

SubQuestion No : 22

**Q.22** Select the most appropriate option to fill in blank number 2.

- Ans  1. nearby  
 2. near  
 3. nearest  
 4. nearly

Question ID : 65497843658  
Status : Answered  
Chosen Option : 1

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The camel and the fox were very good friends and very good thieves. One day, the two friends (1) \_\_\_\_\_ to cross the river so that they could travel to a (2) \_\_\_\_\_ farm to steal food. The small fox (3) \_\_\_\_\_ swim, so the camel said to his friend, 'Climb (4) \_\_\_\_\_ onto my back and I will swim across the (5) \_\_\_\_\_.'

**SubQuestion No : 23**

**Q.23 Select the most appropriate option to fill in blank number 3.**

- Ans  1. ought to  
 2. may not  
 3. might  
 4. could not

Question ID : 65497843659  
Status : Answered  
Chosen Option : 4

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The camel and the fox were very good friends and very good thieves. One day, the two friends (1) \_\_\_\_\_ to cross the river so that they could travel to a (2) \_\_\_\_\_ farm to steal food. The small fox (3) \_\_\_\_\_ swim, so the camel said to his friend, 'Climb (4) \_\_\_\_\_ onto my back and I will swim across the (5) \_\_\_\_\_.'

**SubQuestion No : 24**

**Q.24 Select the most appropriate option to fill in blank number 4.**

- Ans  1. over  
 2. across  
 3. up  
 4. above

Question ID : 65497843660  
Status : Answered  
Chosen Option : 3

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The camel and the fox were very good friends and very good thieves. One day, the two friends (1) \_\_\_\_\_ to cross the river so that they could travel to a (2) \_\_\_\_\_ farm to steal food. The small fox (3) \_\_\_\_\_ swim, so the camel said to his friend, 'Climb (4) \_\_\_\_\_ onto my back and I will swim across the (5) \_\_\_\_\_.'

**SubQuestion No : 25**

**Q.25 Select the most appropriate option to fill in blank number 5.**

- Ans  1. sea  
 2. ocean  
 3. lake  
 4. river

Question ID : 65497843661  
Status : Answered  
Chosen Option : 4

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KD Job Updates



## Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ 1 GT Karnal Road
Exam Date	18/04/2022
Exam Time	12:30 PM - 1:30 PM
Subject	CGLE 2021 Tier I

### Section : General Intelligence and Reasoning

**Q.1** In a certain code language, 3224 means 'Taj is in Agra', and 4245 means 'Agra is near Delhi'. Which of the following is the code for 'I like all fruits'?

- Ans
- 1. 2534
  - 2. 2425
  - 3. 1526
  - 4. 1436

Question ID : 65497841965  
Status : Not Answered  
Chosen Option : --

**Q.2** Select the correct combination of mathematical signs that can sequentially replace the \* signs and balance the given equation.

$$15 * 1411 * 83 * 137 * 218 * 100$$

- Ans
- 1.  $\times, +, =, +, -$
  - 2.  $\times, =, -, +, +$
  - 3.  $+, -, \times, =, +$
  - 4.  $\times, +, +, -, =$

Question ID : 65497844299  
Status : Answered  
Chosen Option : 1

**Q.3** The ratio of the present ages of Charvi and Vaishnavi is 4 : 5. Yuvika is 2 years older than Charvi but 5 years younger than Vaishnavi. Find the present age of Vaishnavi.

- Ans
- 1. 35 years
  - 2. 28 years
  - 3. 25 years
  - 4. 42 years

Question ID : 65497844094  
Status : Answered  
Chosen Option : 1

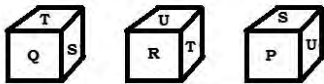
**Q.4** Select the number from among the given options that can replace the question mark (?) in the following series.

39, 53, 69, 87, ?

- Ans
- 1. 99
  - 2. 107
  - 3. 92
  - 4. 115

Question ID : 65497841970  
Status : Answered  
Chosen Option : 2

**Q.5** Three different positions of the same non-standard dice are shown. Which letter will be on the face opposite to the face with the letter 'Q'?



- Ans
- 1. S
  - 2. P
  - 3. U
  - 4. R

Question ID : 65497844302  
Status : Answered  
Chosen Option : 3

**Q.6** Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

- Ans
- 1. WTR
  - 2. WUT
  - 3. MJH
  - 4. SPN

Question ID : 65497841961  
Status : Answered  
Chosen Option : 2

**Q.7** Select the option that is related to the third number in the same way as the second number is related to the first number.

28 : 729 :: 32 : ?

- Ans
- 1. 961
  - 2. 973
  - 3. 824
  - 4. 738

Question ID : 65497842578  
Status : Answered  
Chosen Option : 1

**Q.8** Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

K \_ \_ N L \_ N K \_ N \_ L N K \_ M \_ L M \_

- Ans  1. L, M, M, M, K, L, K, N  
 2. L, M, M, K, K, L, N, N  
 3. M, M, L, K, K, L, K, N  
 4. L, M, M, K, K, M, K, N

Question ID : 65497844617  
Status : Answered  
Chosen Option : 1

**Q.9** Study the given matrix carefully and select the number from among the given options that can replace the question mark (?) in it

7 9 5  
3 8 ?  
28 81 50

- Ans  1. 9  
 2. 5  
 3. 7  
 4. 8

Question ID : 65497841974  
Status : Answered  
Chosen Option : 1

**Q.10** If GATE is coded as QKDO, then PLAN will be coded as:

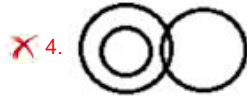
- Ans  1. VFXX  
 2. FVKX  
 3. ZVXX  
 4. ZVKX

Question ID : 65497844614  
Status : Answered  
Chosen Option : 4

Q.11 उस वेन आरेख का चयन करें जो निम्नलिखित वर्गों के बीच के संबंध को सर्वोत्तम रूप से दर्शाता है।

भाई, भतीजे, चाचा

Ans



Question ID : 65497844104  
Status : Answered  
Chosen Option : 2

Q.12 Select the letter-cluster that can replace the question mark (?) in the following series.

GHB, LMG, PQK, ?

Ans  1. STN

2. TSM

3. PQE

4. ABX

Question ID : 65497844282  
Status : Answered  
Chosen Option : 1

Q.13 Select the option that is related to the third term in the same way as the second term is related to the first term.

DOGMATIC : EQHOBJVD :: PRODUCTS : ?

Ans  1. RTQEWDVU

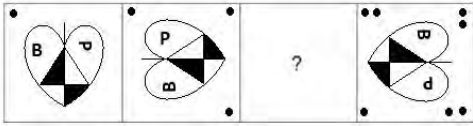
2. RTSEWDSQ

3. RTQFXDVU

4. RTQEWDWV

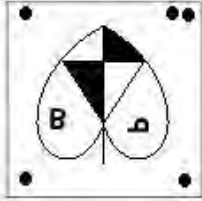
Question ID : 65497844083  
Status : Answered  
Chosen Option : 1

**Q.14** Select the figure from among the given options that can replace the question mark (?) in the following series.

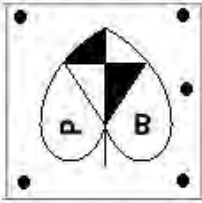


**Ans**

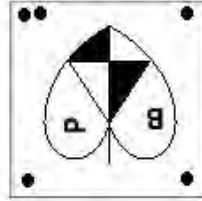
1.



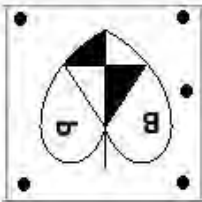
2.



3.



4.



Question ID : 65497842483

Status : Answered

Chosen Option : 3

**Q.15** In a certain code language, 'TOMATO' is coded as 40-30-26-2-40-30 and 'GINGER' is coded as 14-18-28-14-10-36. How will 'GARLIC' be coded in that language?

**Ans**  1. 14-2-36-24-18-6

2. 7-2-18-24-18-3

3. 7-1-36-12-9-6

4. 14-1-18-24-18-3

Question ID : 65497842570

Status : Answered

Chosen Option : 1

Q.16 Which two numbers (Not Digits) need to be interchanged to make the following equation correct?

$$15 + 90 \div 9 \times 5 - 11 = 28$$

- Ans
- 1. 11 and 9
  - 2. 15 and 9
  - 3. 15 and 5
  - 4. 9 and 5

Question ID : 65497842480  
Status : Answered  
Chosen Option : 2

Q.17 Select the option in which the given figure is embedded (rotation is NOT allowed).



Ans

- 1.
- 2.
- 3.
- 4.

Question ID : 65497841980  
Status : Answered  
Chosen Option : 1

Q.18 एक मेहमान को कौमुदी का परिचय कराते हुए एक लड़के मिहिर ने कहा, "वह मेरी माँ के देवर की इकलौती बेटा है"। मिहिर का कौमुदी से क्या संबंध है?

- Ans
- 1. पिता
  - 2. चाचा
  - 3. चचेरा भाई
  - 4. भाई

Question ID : 65497842472  
Status : Answered  
Chosen Option : 3

Q.19 Radha wears five different coloured clothes, red, green, yellow, purple and brown, on five different days of a week, from Monday to Friday. She wears red clothes on Wednesday. She does not wear green and brown clothes on Monday or Friday. She wears green clothes on the next day of wearing yellow clothes. On which day does she wear brown clothes?

- Ans
- 1. Monday
  - 2. Tuesday
  - 3. Friday
  - 4. Thursday

Question ID : 65497842473  
Status : Answered  
Chosen Option : 4

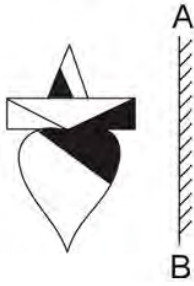
Q.20 Select the number from among the given options that can replace the question mark (?) in the following series.

2, 31, 4, 37, 10, 41, 28, 43, 82, 47, ?

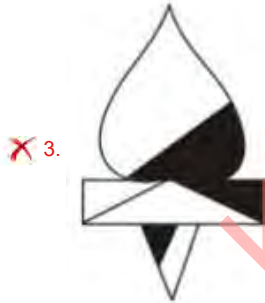
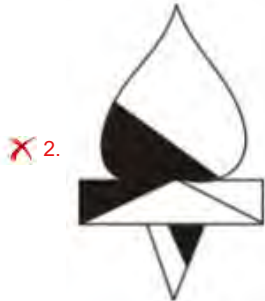
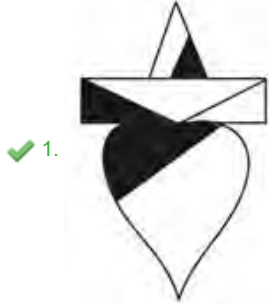
- Ans
- 1. 422
  - 2. 242
  - 3. 224
  - 4. 244

Question ID : 65497844294  
Status : Answered  
Chosen Option : 4

Q.21 Select the correct mirror image of the given figure when the mirror is placed at 'AB' as shown.



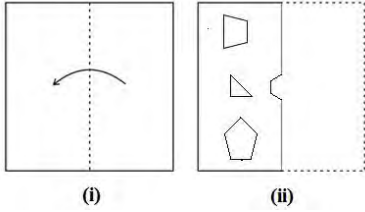
Ans



Question ID : 65497842486  
Status : Answered  
Chosen Option : 1

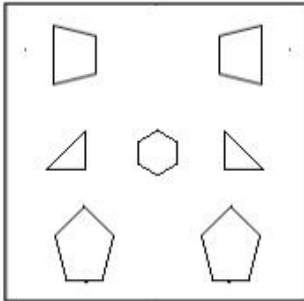


**Q.22** The sequence of folding a piece of paper (figure i) and the manner in which the folded paper has been cut (figure ii) is shown in the following figures. Select the option that would most closely resemble the unfolded form of figure (ii).

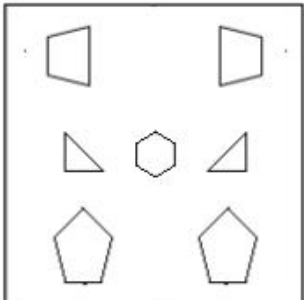


**Ans**

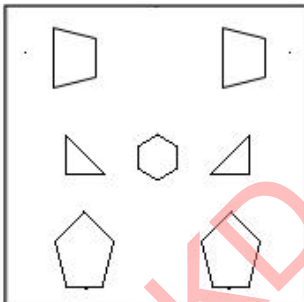
1.



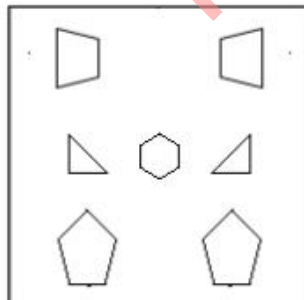
2.



3.

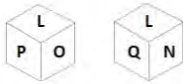


4.

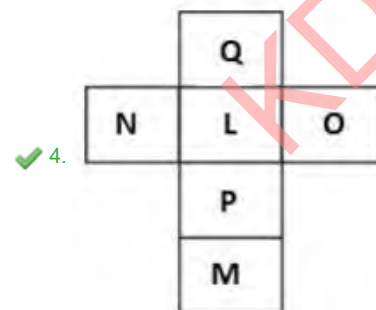
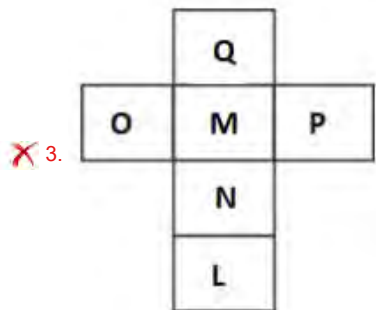
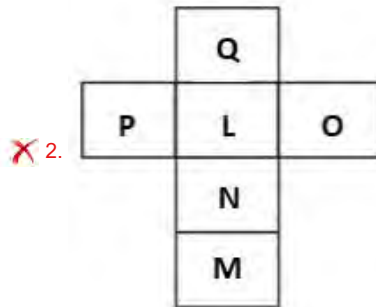
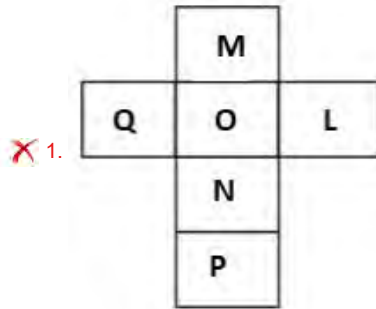


Question ID : 65497842588  
 Status : Answered  
 Chosen Option : 4

**Q.23** Two orientations of a dice are shown. This dice can be obtained by folding which of the option figures along the lines?



**Ans**



Question ID : 65497842583  
Status : Answered  
Chosen Option : 4

**Q.24** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

No plum is an apricot.  
All lemons are apricots.  
All grapes are lemons.

**Conclusions:**

I. No apricot is a grape.  
II. No grape is a plum.  
III. No lemon is a plum.  
IV. Some plums are lemons.

- Ans**  1. Only conclusions I, II and IV follow.  
 2. Only conclusions II, III and IV follow.  
 3. Only conclusions II and III follow.  
 4. Only conclusions I, II and III follow.

Question ID : 65497844292  
Status : Answered  
Chosen Option : 4

**Q.25** Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Projection  
2. Professor  
3. Product  
4. Pronounce  
5. Provide

- Ans**  1. 2, 3, 1, 4, 5  
 2. 3, 2, 1, 5, 4  
 3. 3, 2, 4, 1, 5  
 4. 3, 2, 1, 4, 5

Question ID : 65497843374  
Status : Answered  
Chosen Option : 4

Section : General Awareness

**Q.1** Which of the following states became the first state in India to provide 100% tap water supply in rural areas in 2020?

- Ans**  1. Goa  
 2. Kerala  
 3. Mizoram  
 4. Sikkim

Question ID : 65497842597  
Status : Answered  
Chosen Option : 1

Q.2 How many electrons are there in the outermost shell of a group 16 element?

- Ans
- 1. 5
  - 2. 4
  - 3. 3
  - 4. 6

Question ID : 65497844113  
Status : Answered  
Chosen Option : 4

Q.3 Which of the following parties supported the move for partition of Bengal?

- Ans
- 1. Gadar Party
  - 2. Forward Bloc
  - 3. All India Muslim League
  - 4. Communist Party of India

Question ID : 65497844322  
Status : Not Answered  
Chosen Option : --

Q.4 In Union Budget 2021-22, there is a proposal to provide liquid waste management in \_\_\_\_\_ AMRUT cities under Jal Jeevan Mission (Urban).

- Ans
- 1. 150
  - 2. 400
  - 3. 500
  - 4. 350

Question ID : 65497842493  
Status : Not Answered  
Chosen Option : --

Q.5 According to Economic Survey 2020-2021, India's real GDP is projected to record \_\_\_\_\_ growth in the Fiscal Year 2021-22.

- Ans
- 1. 10.8%
  - 2. 12.3%
  - 3. 11.0%
  - 4. 13.5%

Question ID : 65497844108  
Status : Not Answered  
Chosen Option : --

Q.6 Which of the following symmetries is exhibited by arthropods?

- Ans
- 1. Axial
  - 2. Translational
  - 3. Radial
  - 4. Bilateral

Question ID : 65497844115  
Status : Not Answered  
Chosen Option : --

Q.7 Who among the following wrote 'India Wins freedom'?

- Ans
- 1. Jawaharlal Nehru
  - 2. Abul Kalam Azad
  - 3. Jaswant Singh
  - 4. Rajendra Prasad

Question ID : 65497844124  
Status : Answered  
Chosen Option : 3

Q.8 In the flocculation method of water treatment \_\_\_\_\_ chemical is added to water.

- Ans
- 1. electro-neutral
  - 2. low negatively charged
  - 3. positively charged
  - 4. high negatively charged

Question ID : 65497844312  
Status : Not Answered  
Chosen Option : --

Q.9 The Right of Children to Free and Compulsory Education Act or Right to Education (RTE) Act is an Act of the Parliament of India enacted in the year \_\_\_\_\_.

- Ans
- 1. 2009
  - 2. 2012
  - 3. 2005
  - 4. 2007

Question ID : 65497842610  
Status : Not Answered  
Chosen Option : --

Q.10 In the context of Indian Freedom Movement, which of the following years is correctly paired with the event that took place that year?

- Ans
- 1. 1915 – Mahatma Gandhi returned from South Africa
  - 2. 1944 – The Cripps Mission was sent by the British government to India to obtain Indian cooperation for the British war efforts in the 2nd World War
  - 3. 1936 – The First Round Table Conference
  - 4. 1945 – The All India Congress Committee met in Bombay and ratified the 'Quit India' resolution

Question ID : 65497842606  
Status : Answered  
Chosen Option : 1

Q.11 In which of the following cities was the 2020 Asian Wrestling Championships held?

- Ans  1. New Delhi  
 2. Tokyo  
 3. Beijing  
 4. Colombo

Question ID : 65497844330  
Status : Answered  
Chosen Option : 1

Q.12 As per Union Budget for 2021–22, interest earned on Provident Fund contribution above \_\_\_\_\_ lakhs in a year will become taxable.

- Ans  1. ₹1.5  
 2. ₹1  
 3. ₹2  
 4. ₹2.5

Question ID : 65497842592  
Status : Not Answered  
Chosen Option : --

Q.13 What do you call the weight a soil can withstand before severe damage occurs to the structure of the soil?

- Ans  1. Field capacity  
 2. Bearing capacity  
 3. Bulk density  
 4. Buffering capacity

Question ID : 65497844319  
Status : Not Answered  
Chosen Option : --

Q.14 Who was the chairman of the House Committee of the Constituent Assembly of India?

- Ans  1. B Pattabhi Sitaramayya  
 2. AV Thakkar  
 3. JB Kripalani  
 4. KM Munsi

Question ID : 65497842006  
Status : Not Answered  
Chosen Option : --

Q.15 Which of the following festivals is held on a new moon day?

- Ans  1. Mahavir Jayanti  
 2. Kali Puja  
 3. Dussehra  
 4. Holi

Question ID : 65497844308  
Status : Not Answered  
Chosen Option : --

Q.16 A 'Nattuvanar' conducts a \_\_\_\_\_ dance recital.

- Ans  1. Kuchipudi  
 2. Odissi  
 3. Kathak  
 4. Bharatanatyam

Question ID : 65497841984  
Status : Not Answered  
Chosen Option : --

Q.17 What was the estimated national mortality rate of children under the age of five in the country as per Census of India 2011?

- Ans  1. 34  
 2. 55  
 3. 76  
 4. 13

Question ID : 65497841997  
Status : Not Answered  
Chosen Option : --

Q.18 Nitrogen is a \_\_\_\_\_ element.

- Ans  1. diatomic  
 2. tetra-atomic  
 3. poly-atomic  
 4. monoatomic

Question ID : 65497841990  
Status : Answered  
Chosen Option : 1

Q.19 Actor \_\_\_\_\_ was conferred with the 'Lifetime Achievement' award at the Filmfare Awards 2021.

- Ans  1. Irrfan Khan  
 2. Amitabh Bachchan  
 3. Dharmendra  
 4. Rishi Kapoor

Question ID : 65497842506  
Status : Answered  
Chosen Option : 2

**Q.20** Who among the following became the first Indian to win the 'Best Actor' award at the Norwegian National Awards ceremony held in Haugesund, Norway in 2018?

- Ans**
- 1. Ranvir Shorey
  - 2. Nawazuddin Siddique
  - 3. Ram Kapoor
  - 4. Adil Hussain

Question ID : **65497842608**  
Status : **Not Answered**  
Chosen Option : --

**Q.21** As of 2021, who is the reigning Olympic Men's Field Hockey champion?

- Ans**
- 1. Belgium
  - 2. Germany
  - 3. Argentina
  - 4. Holland

Question ID : **65497844129**  
Status : **Not Answered**  
Chosen Option : --

**Q.22** The fine for extinguishing public lamps may extend to \_\_\_\_\_ as per Section 141 of The Electricity Act, 2003.

- Ans**
- 1. ₹2,000
  - 2. ₹3,000
  - 3. ₹2,500
  - 4. ₹5,000

Question ID : **65497842510**  
Status : **Not Answered**  
Chosen Option : --

**Q.23** Ozone is a molecule made up of \_\_\_\_\_ oxygen atoms.

- Ans**
- 1. four
  - 2. two
  - 3. one
  - 4. three

Question ID : **65497842498**  
Status : **Answered**  
Chosen Option : **4**



**Q.24** Which of the following varnas was responsible for protecting people and administering justice in ancient India as per rules laid down by the Dharmasutras and Dharmashastras?

- Ans  1. Vaishya  
 2. Shudra  
 3. Kshatriya  
 4. Brahmana

Question ID : 65497841998  
Status : Answered  
Chosen Option : 3

**Q.25** Which of the following rivers originates in a spring at Verinag in the south-eastern part of Kashmir?

- Ans  1. Beas  
 2. Jhelum  
 3. Chenab  
 4. Sutlej

Question ID : 65497842500  
Status : Answered  
Chosen Option : 3

Section : Quantitative Aptitude

**Q.1** The expression  $(\cos^6\theta + \sin^6\theta - 1)(\tan^2\theta + \cot^2\theta + 2) + 1$  is equal to:

- Ans  1. 1  
 2. -2  
 3. 0  
 4. -1

Question ID : 65497842533  
Status : Answered  
Chosen Option : 2

**Q.2** A railway engine passes two bridges of lengths 400 m and 235 m in 100 seconds and 60 seconds, respectively. Twice the length of the railway engine (in m) is:

- Ans  1. 24  
 2. 25  
 3. 12.5  
 4. 12

Question ID : 65497842625  
Status : Answered  
Chosen Option : 3

**Q.3** The sides AB and AC of  $\Delta ABC$  are produced to points D and E, respectively. The bisectors of  $\angle CBD$  and  $\angle BCE$  meet at P. If  $\angle A = 88^\circ$ , then the measure of  $\angle P$  is:

- Ans**
- 1.  $46^\circ$
  - 2.  $56^\circ$
  - 3.  $51^\circ$
  - 4.  $61^\circ$

Question ID : 65497842631  
Status : Answered  
Chosen Option : 1

**Q.4** The given bar graph shows exports of cars of type A and B (in ₹ millions) from 2014 to 2018. Study the graph and answer the question that follows.

Exports of Cars of Type A and B (in ₹ millions) during 2014 to 2018.



In which year are the exports of cars of type A ₹20 million less more than the average exports (per year) of cars of type B?

- Ans**
- 1. 2015
  - 2. 2014
  - 3. 2016
  - 4. 2017

Question ID : 65497844454  
Status : Answered  
Chosen Option : 3

**Q.5** If  $a^2 + b^2 + 49c^2 + 18 = 2(b - 28c - a)$ , then the value of  $(a - b - 7c)$  is:

- Ans**
- 1. 4
  - 2. 3
  - 3. 2
  - 4. 1

Question ID : 65497842628  
Status : Answered  
Chosen Option : 3

**Q.6** Joseph deposited a total of ₹52,500 in a bank in the names of his two daughters aged 15 years and 16 years in such a way that they would get equal amounts when they become 18 years old. If the bank gives 10% compound interest compounded annually, then what is the amount (in ₹) that Joseph had deposited in the name of his younger daughter?

- Ans**
- 1. 25,500
  - 2. 24,500
  - 3. 25,000
  - 4. 26,000

Question ID : 65497842017  
Status : Answered  
Chosen Option : 3

**Q.7** The circumference of the base of a right circular cylinder is 62.8 cm and its volume is 8792 cm<sup>3</sup>. What is the curved surface area (in cm<sup>2</sup>) of the cylinder? (Take  $\pi = 3.14$ )

- Ans**
- 1. 1695.6
  - 2. 1758.4
  - 3. 1632.8
  - 4. 1570.2

Question ID : 65497844347  
Status : Answered  
Chosen Option : 2

**Q.8** The average of eight consecutive odd numbers is 28. The sum of the smallest and the largest number is:

- Ans**
- 1. 45
  - 2. 52
  - 3. 48
  - 4. 56

Question ID : 65497842820  
Status : Answered  
Chosen Option : 4

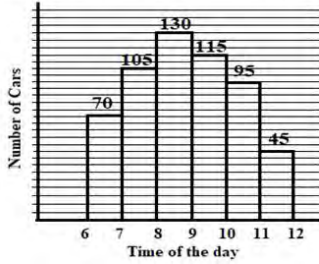
**Q.9** In  $\triangle ABC$ ,  $AB = 7$  cm,  $BC = 10$  cm, and  $AC = 8$  cm. If  $AD$  is the angle bisector of  $\angle BAC$ , where  $D$  is a point on  $BC$ , then  $\frac{DC}{4}$  (in cm) is equal to:

- Ans**
- 1.  $\frac{14}{3}$
  - 2.  $\frac{4}{3}$
  - 3.  $\frac{11}{3}$
  - 4.  $\frac{7}{3}$

Question ID : 65497842531  
Status : Answered  
Chosen Option : 2

**Q.10** The number of cars passing the road near a colony from 6 am to 12 noon has been shown in the following histogram.

During which hour(s) is the number of cars passed more than the average number of cars passed from 6 am to 11 am?



- Ans**
- 1. 8–9 am, 9–10 am
  - 2. 8–9 am
  - 3. 7–8 am, 8–9 am, 9–10 am, 10–11 am
  - 4. 7–8 am, 8–9 am, 9–10 am

Question ID : 65497842033  
Status : Answered  
Chosen Option : 4

**Q.11** What is the greatest four-digit number which on being divided by 6, 7 and 8 leaves 4, 5 and 6 as remainders, respectively?

- Ans**
- 1. 9910
  - 2. 9920
  - 3. 9921
  - 4. 9912

Question ID : 65497844131  
Status : Answered  
Chosen Option : 1

**Q.12** A poster is on top of a building. A person is standing on the ground at a distance of 50 m from the building. The angles of elevation to the top of the poster and bottom of the poster are  $45^\circ$  and  $30^\circ$ , respectively. What is 200% of the height (in m) of the poster?

- Ans**
- 1.  $\frac{25}{3}(3 - \sqrt{3})$
  - 2.  $\frac{75}{3}(3 - \sqrt{3})$
  - 3.  $\frac{50}{3}(3 - \sqrt{3})$
  - 4.  $\frac{100}{3}(3 - \sqrt{3})$

Question ID : 65497844150  
Status : Answered  
Chosen Option : 4

**Q.13** The ratio of the profits of P and Q is 5 : 8. What is their investment ratio, if their investment time period ratio is 3 : 5?

- Ans**
- 1. 13 : 25
  - 2. 12 : 25
  - 3. 24 : 25
  - 4. 25 : 24

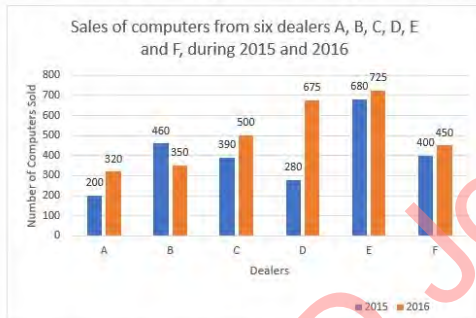
Question ID : 65497842622  
Status : Answered  
Chosen Option : 4

**Q.14** If a nine digit number  $468x5138y$  is divisible by 72, then the value of  $\sqrt{4x + 3y}$  is:

- Ans**
- 1. 8
  - 2. 9
  - 3. 12
  - 4. 6

Question ID : 65497844332  
Status : Answered  
Chosen Option : 4

**Q.15** The given bar graph shows the sales of computers from six dealers A, B, C, D, E and F, during two consecutive years 2015 and 2016. Study the graph and answer the question that follows.



What is the ratio of the total sales from dealers A, B and C taken together for the year 2015 to the sales from dealers D, E and F taken together for the year 2016?

- Ans**
- 1. 25 : 39
  - 2. 37 : 21
  - 3. 21 : 37
  - 4. 39 : 25

Question ID : 65497842941  
Status : Answered  
Chosen Option : 3

**Q.16** The value of  $15 + 6.3 \div 7 - 3 \times 1.3 - 2$  is:

- Ans**
- 1. 9
  - 2. -10
  - 3. 10
  - 4. 7

Question ID : 65497844132  
Status : Answered  
Chosen Option : 3

**Q.17** A river 6 m deep and 35 m wide is flowing at the rate of 2.5 km/h, the amount of water that runs into the sea per minute is:

- Ans**
- 1.  $8570 \text{ m}^3$
  - 2.  $7850 \text{ m}^3$
  - 3.  $7580 \text{ m}^3$
  - 4.  $8750 \text{ m}^3$

Question ID : 65497842828  
Status : Answered  
Chosen Option : 4

**Q.18** A can complete work in 25 days and B can complete the same work in 20 days. They started the work together but B left after 4 days and A continued to work. In how many days will the entire work be completed?

- Ans**
- 1. 25
  - 2. 20
  - 3. 28
  - 4. 22

Question ID : 65497842523  
Status : Answered  
Chosen Option : 2

**Q.19** If  $2\sqrt{2}x^3 - 3\sqrt{3}y^3 = (\sqrt{2}x - \sqrt{3}y)(Ax^2 - Bxy + Cy^2)$ , then the value of  $\sqrt{A^2 + B^2 + C^2}$  is:

- Ans**
- 1.  $\sqrt{19}$
  - 2.  $\sqrt{11}$
  - 3.  $\sqrt{17}$
  - 4.  $\sqrt{21}$

Question ID : 65497842526  
Status : Answered  
Chosen Option : 1

**Q.20** The cost prices of two articles A and B are in the ratio 4 : 5. While selling these articles, the shopkeeper gains 10% on article A and 20% profit on article B, and the difference in their selling prices is ₹480. Find 30% of the total cost price (in ₹) of both the articles.

- Ans**
- 1. 1,250
  - 2. 1,000
  - 3. 900
  - 4. 810

Question ID : 65497842520  
Status : Answered  
Chosen Option : 4

**Q.21** The value of  $2 - \sqrt{\frac{\cot\theta + \cos\theta}{\cot\theta - \cos\theta}}$ , when  $0^\circ < \theta < 90^\circ$  is equal to:

- Ans**
- 1.  $2 + \sec\theta + \tan\theta$
  - 2.  $2 - \sec\theta + \tan\theta$
  - 3.  $2 - \sec\theta - \tan\theta$
  - 4.  $2 + \sec\theta - \tan\theta$

Question ID : 65497842633  
Status : Answered  
Chosen Option : 3

**Q.22** If a positive number 'k' when multiplied by 30% of itself gives a number which is 170% more than the number 'k', then the number 'k' is equal to:

- Ans**
- 1. 9
  - 2. 5
  - 3. 6
  - 4. 7

Question ID : 65497844337  
Status : Answered  
Chosen Option : 1

**Q.23** AB is a chord of a circle with centre O, while PAQ is the tangent at A. R is a point on the minor arc AB. If  $\angle BAQ = 70^\circ$ , then find the measure of  $\angle ARB$ .

- Ans**
- 1.  $110^\circ$
  - 2.  $125^\circ$
  - 3.  $70^\circ$
  - 4.  $145^\circ$

Question ID : 65497842023  
Status : Answered  
Chosen Option : 1

**Q.24** A shopkeeper announces a discount of 48% and then by a further discount of 15%. What is the final sale price (in Rs, to the nearest rupee) of a sofa costing Rs 29600 and what is the discount (in Rs)?

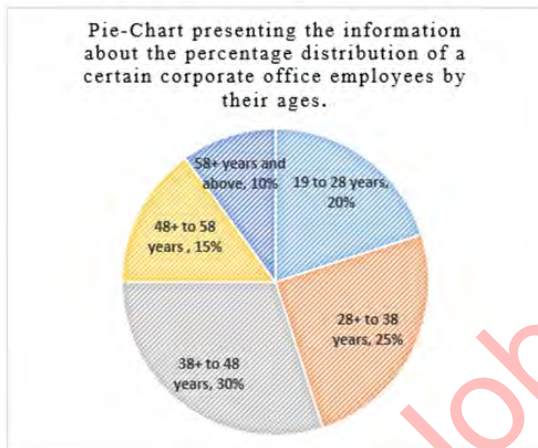
- Ans**
- 1. 13280, 16517
  - 2. 13083, 16517
  - 3. 16517, 13083
  - 4. 16517, 13280

Question ID : **65497844666**  
Status : **Not Answered**  
Chosen Option : --

**Q.25** The following pie chart shows the distribution of percentage of a certain corporate office employees in various age-groups.

Total number of employees of the corporate office = 2500

Study the chart carefully and answer the question that follows.



What is the central angle (in degrees) corresponding to the age groups 38+ to 48 years and 58+ years and above, taken together?

- Ans**
- 1. 36
  - 2. 144
  - 3. 120
  - 4. 108

Question ID : **65497844152**  
Status : **Answered**  
Chosen Option : **2**

Section : **English Comprehension**



**Q.1 Select the correct passive voice of the given sentence.**

**She has read all the plays of Shakespeare.**

- Ans**  1. All the plays of Shakespeare are read by her.  
 2. All the plays of Shakespeare have been read by her.  
 3. All the plays of Shakespeare had been read by her.  
 4. All the plays of Shakespeare were read by her.

Question ID : **65497842645**  
Status : **Answered**  
Chosen Option : **2**

**Q.2 Select the most appropriate ANTONYM of the given word.**

**Devious**

- Ans**  1. Dishonest  
 2. Crooked  
 3. Crafty  
 4. Sincere

Question ID : **65497842053**  
Status : **Answered**  
Chosen Option : **4**

**Q.3 Select the most appropriate synonym of the given word.**

**Threshold**

- Ans**  1. stairs  
 2. exit  
 3. window  
 4. doorway

Question ID : **65497844171**  
Status : **Answered**  
Chosen Option : **2**

**Q.4 Select the most appropriate ANTONYM of the given word.**

**OCCUPIED**

- Ans**  1. Late  
 2. Free  
 3. Vast  
 4. New

Question ID : **65497844375**  
Status : **Answered**  
Chosen Option : **2**

**Q.5** Select the option that expresses the given sentence in indirect speech.

“Please allow me to leave now,” Ritika said to her teacher.

- Ans
- 1. Ritika requested my teacher to allow her to leave now.
  - 2. Ritika requested her teacher to allow her to leave then.
  - 3. Ritika requested her teacher to allow me to leave now.
  - 4. Ritika requested her teacher to allow me to leave then.

Question ID : 65497842046  
Status : Answered  
Chosen Option : 2

**Q.6** Select the option that can be used as a one-word substitute for the given group of words.

A seat for a passenger on a bicycle or motorbike

- Ans
- 1. Pillion
  - 2. Girdle
  - 3. Bridle
  - 4. Cushion

Question ID : 65497842662  
Status : Answered  
Chosen Option : 1

**Q.7** Select the option that expresses the given sentence in passive voice.

You could put your money to good use.

- Ans
- 1. Your money is being put to good use.
  - 2. Your money could have been put to good use.
  - 3. Your money could be put to good use.
  - 4. Your money has been put to good use.

Question ID : 65497844159  
Status : Answered  
Chosen Option : 3

**Q.8** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

There have been / three breaks-in / in our society / this month.

- Ans
- 1. three breaks-in
  - 2. this month
  - 3. in our society
  - 4. There have been

Question ID : 65497842642  
Status : Not Answered  
Chosen Option : --

**Q.9** The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Take care/ for keep/ your valuables safely.

- Ans**
- 1. Take care
  - 2. your valuables safely
  - 3. for keep
  - 4. No error

Question ID : 65497843448  
Status : Answered  
Chosen Option : 3

**Q.10** Select the INCORRECTLY spelt word.

- Ans**
- 1. Tenure
  - 2. Digonal
  - 3. Partner
  - 4. Oblique

Question ID : 65497842664  
Status : Answered  
Chosen Option : 2

**Q.11** Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

I shall certainly write to you when I shall reach Bengaluru.

- Ans**
- 1. No substitution required
  - 2. I reach
  - 3. I reached
  - 4. I am reaching

Question ID : 65497844169  
Status : Answered  
Chosen Option : 2

**Q.12** Select the option that can be used as a one-word substitute for the given group of words.

One who knows everything

- Ans**
- 1. Experienced
  - 2. Omniscient
  - 3. Invincible
  - 4. Naïve

Question ID : 65497842562  
Status : Answered  
Chosen Option : 2

Q.13 Select the most appropriate option to fill in the blank.

All the guests were shocked at his \_\_\_\_\_ laughter.

- Ans
- 1. Unrecognised
  - 2. Unrestrained
  - 3. Unresolved
  - 4. Unremarkable

Question ID : 65497842564  
Status : Answered  
Chosen Option : 2

Q.14 Select the most appropriate meaning of the given idiom.

Easy money

- Ans
- 1. Collect someone's cash for them easily
  - 2. Work hard to earn a large salary without telling anyone
  - 3. Have no difficulty in collecting money that is due
  - 4. Make money without much effort, maybe illegally

Question ID : 65497844377  
Status : Answered  
Chosen Option : 4

Q.15 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

While the online class was going on, they had to keep their cameras on.

- Ans
- 1. No substitution required
  - 2. have kept their cameras on
  - 3. are keeping their camera on
  - 4. had keep the camera on

Question ID : 65497844370  
Status : Answered  
Chosen Option : 1

Q.16 Select the most appropriate synonym of the given word.

Perjury

- Ans
- 1. Melancholy
  - 2. Frankness
  - 3. Penury
  - 4. Falsehood

Question ID : 65497842657  
Status : Answered  
Chosen Option : 4

Q.17 Select the most appropriate meaning of the given idiom.

To bury the hatchet

- Ans  1. To stop talking to someone  
 2. To end a quarrel  
 3. To bury old things  
 4. To fight with someone

Question ID : 65497842055  
Status : Answered  
Chosen Option : 2

Q.18 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Nowadays, common people take / interest in the manner / in which / they were governed.

- Ans  1. they were governed  
 2. Nowadays common people take  
 3. interest in the manner  
 4. in which

Question ID : 65497842037  
Status : Not Answered  
Chosen Option : --

Q.19 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

- A. But instead of asking the guest to rest, he said, "I have arranged to take you for Shikar."  
B. The host welcomed him warmly.  
C. At last he arrived at the beautiful city.  
D. Great preparations were made for Amir of Isfahan's journey to Shiraz.

- Ans  1. CADB  
 2. DCBA  
 3. DCAB  
 4. BDCA

Question ID : 65497844170  
Status : Answered  
Chosen Option : 2

Q.20 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

He / can have been / more polite / to her.

- Ans  1. more polite  
 2. He  
 3. to her  
 4. can have been

Question ID : 65497843045  
Status : Answered  
Chosen Option : 4

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Not a year passes without a controversy over the national sports awards. The debate that (1)\_\_\_\_\_ every year following the announcement of the (2)\_\_\_\_\_ often leads to accusations of bias, regionalism and manipulations. (3)\_\_\_\_\_ to the Sports Minister and Chief Ministers and (4)\_\_\_\_\_ by the politicians have all become part of the (5)\_\_\_\_\_.

**SubQuestion No : 21**

**Q.21 Select the most appropriate option to fill in blank no.1**

- Ans**  1. rose  
 2. arose  
 3. rise  
 4. arises

Question ID : 65497842546

Status : Answered

Chosen Option : 4

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Not a year passes without a controversy over the national sports awards. The debate that (1)\_\_\_\_\_ every year following the announcement of the (2)\_\_\_\_\_ often leads to accusations of bias, regionalism and manipulations. (3)\_\_\_\_\_ to the Sports Minister and Chief Ministers and (4)\_\_\_\_\_ by the politicians have all become part of the (5)\_\_\_\_\_.

**SubQuestion No : 22**

**Q.22 Select the most appropriate option to fill in blank no.2**

- Ans**  1. donations  
 2. awards  
 3. gifts  
 4. rewards

Question ID : 65497842547

Status : Answered

Chosen Option : 2

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Not a year passes without a controversy over the national sports awards. The debate that (1)\_\_\_\_\_ every year following the announcement of the (2)\_\_\_\_\_ often leads to accusations of bias, regionalism and manipulations. (3)\_\_\_\_\_ to the Sports Minister and Chief Ministers and (4)\_\_\_\_\_ by the politicians have all become part of the (5)\_\_\_\_\_.

**SubQuestion No : 23**

**Q.23 Select the most appropriate option to fill in blank no.3**

- Ans**  1. Illustrations  
 2. Representations  
 3. Delegations  
 4. Exhibitions

Question ID : **65497842548**  
Status : **Answered**  
Chosen Option : **2**

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Not a year passes without a controversy over the national sports awards. The debate that (1)\_\_\_\_\_ every year following the announcement of the (2)\_\_\_\_\_ often leads to accusations of bias, regionalism and manipulations. (3)\_\_\_\_\_ to the Sports Minister and Chief Ministers and (4)\_\_\_\_\_ by the politicians have all become part of the (5)\_\_\_\_\_.

**SubQuestion No : 24**

**Q.24 Select the most appropriate option to fill in blank no.4**

- Ans**  1. interventions  
 2. intersections  
 3. interjections  
 4. intermissions

Question ID : **65497842549**  
Status : **Answered**  
Chosen Option : **1**

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Not a year passes without a controversy over the national sports awards. The debate that (1)\_\_\_\_\_ every year following the announcement of the (2)\_\_\_\_\_ often leads to accusations of bias, regionalism and manipulations. (3)\_\_\_\_\_ to the Sports Minister and Chief Ministers and (4)\_\_\_\_\_ by the politicians have all become part of the (5)\_\_\_\_\_.

**SubQuestion No : 25**

**Q.25** Select the most appropriate option to fill in blank no.5

Ans

1. jest

2. game

3. sport

4. line

Question ID : 65497842550

Status : Answered

Chosen Option : 2

KD Job Updates



## Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate Name	
Venue Name	Gyansthali Mahavidyalaya
Exam Date	18/04/2022
Exam Time	4:00 PM - 5:00 PM
Subject	CGLE 2021 Tier I

### Section : General Intelligence and Reasoning

**Q.1** What would be the ratio of the areas of two circles, i.e. Circle-A and Circle-B, the radius of which are 4 cm and 8 cm, respectively?

- Ans
- 1. 1 : 2
  - 2. 1 : 16
  - 3. 1 : 8
  - 4. 1 : 4

Question ID : 65497843387  
Status : Answered  
Chosen Option : 4

**Q.2** Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Likelihood
2. Likenesses
3. Likewise
4. Likens
5. Likeliest

- Ans
- 1. 5, 1, 2, 4, 3
  - 2. 5, 1, 2, 3, 4
  - 3. 1, 4, 2, 3, 5
  - 4. 5, 1, 4, 2, 3

Question ID : 65497844599  
Status : Answered  
Chosen Option : 1

**Q.3** Select the option that is related to the third term in the same way as the second term is related to the first term.

PRACTISE : ACEIPRST :: TECHNOLOGY : ?

- Ans
- 1. HCETONYGLO
  - 2. CEGHLNOPTY
  - 3. CEGHLNOOTY
  - 4. CEGLHOONTY

Question ID : 65497843376  
Status : Answered  
Chosen Option : 3

**Q.4** Anamika, Gopal, Nischal, Vanmayi, Shresta and Sripad are sitting in a straight line facing the north. Nischal is to the immediate left of Gopal. Shresta is between Anamika and Sripad. Sripad is at the second place from the right end. Four persons are sitting between Nischal and Vanmayi. If Gopal and Sripad interchange their positions, then who will be sitting between Vanmayi and Shresta?

- Ans**
- 1. Anamika
  - 2. Gopal
  - 3. Sripad
  - 4. Nischal

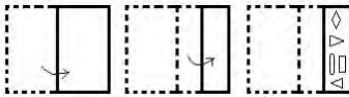
Question ID : 65497844291  
 Status : Answered  
 Chosen Option : 2

**Q.5** If 'sky' is called 'cloud', 'cloud' is called 'thunder', 'thunder' is called 'water', 'water' is called 'pot', 'pot' is called 'desert', and 'desert' is called 'sky', then where do fish live?

- Ans**
- 1. cloud
  - 2. pot
  - 3. water
  - 4. desert

Question ID : 65497844187  
 Status : Answered  
 Chosen Option : 2

**Q.6** The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



- Ans**
- 1.
  - 2.
  - 3.
  - 4.

Question ID : 65497843699  
 Status : Answered  
 Chosen Option : 2

**Q.7** At the time of sunset, Lopa and Kritika are sitting facing each other. If the shadow of Lopa falls to the right of Kritika, in which direction is Kritika facing?

- Ans**
- 1. South
  - 2. North
  - 3. East
  - 4. West

Question ID : 65497843694  
Status : Answered  
Chosen Option : 4

**Q.8** In a certain code language, 'BHOPAL' is coded as '6-24-45-48-3-36', and 'IMPHAL' is coded as '27-39-48-24-3-36'. How will 'KOHIMA' be coded in that language?

- Ans**
- 1. 22-30-27-24-39-6
  - 2. 33-45-24-27-39-3
  - 3. 33-30-24-18-39-9
  - 4. 22-45-24-18-26-3

Question ID : 65497843681  
Status : Answered  
Chosen Option : 2

**Q.9** Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

GKH, DNL, WQO, TTS, GWH, ?

- Ans**
- 1. KYP
  - 2. DZL
  - 3. KZO
  - 4. FYP

Question ID : 65497842262  
Status : Answered  
Chosen Option : 2

**Q.10** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow from the statements.

**Statements:**

Some lions are tigers.  
All tigers are leopards.  
All lions are animals.

**Conclusions:**

I. Some animals are leopards.  
II. Some leopards are lions.  
III. Some animals are tigers.

- Ans**
- 1. Only conclusions II and III follow.
  - 2. Only conclusions I and III follow.
  - 3. All conclusions I, II and III follow.
  - 4. Only conclusions I and II follow.

Question ID : 65497842272

Status : Answered

Chosen Option : 3

**Q.11** Select the option in which the given figure is embedded (rotation is NOT allowed).



**Ans**

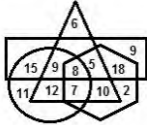
- 1.
- 2.
- 3.
- 4.

Question ID : 65497844202

Status : Answered

Chosen Option : 3

**Q.12** In the following Venn diagram, the hexagon stands for 'captains', the triangle stands for 'girls', the rectangle stands for 'toppers', and the circle stands for 'social activists'. The given numbers represent the number of persons in that particular category.



How many girls are toppers and captains also?

- Ans**
- 1. 13
  - 2. 15
  - 3. 15
  - 4. 17

Question ID : 65497843397  
 Status : Answered  
 Chosen Option : 1

**Q.13** Select the correct combination of mathematical signs that can sequentially replace the \* signs and make the given equation correct.

$$63 * 90 * 42 * 230 * 46 * 3$$

- Ans**
- 1. =, x, +, +, -
  - 2. +, +, -, =, x
  - 3. =, -, +, +, x
  - 4. x, +, =, -, +

Question ID : 65497842279  
 Status : Answered  
 Chosen Option : 3

**Q.14** Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

d \_ a \_ b \_ q d h \_ a \_ c q \_ h \_ a \_ c q

- Ans**
- 1. h a c a b d a b
  - 2. h a b a b d a b
  - 3. h a c a b d q b
  - 4. h a q a b d a b

Question ID : 65497844390  
 Status : Answered  
 Chosen Option : 1

**Q.15** A cube of side 12 cm is painted green on all the faces and then cut into smaller cubes of sides 2 cm each. Find the number of smaller cubes that have only one face painted.

- Ans
- 1. 68
  - 2. 96
  - 3. 78
  - 4. 49

Question ID : 65497842282  
Status : Answered  
Chosen Option : 2

**Q.16** Select the number from among the given options that can replace the question mark (?) in the following series.

578, 577, 568, 543, ?

- Ans
- 1. 528
  - 2. 518
  - 3. 532
  - 4. 494

Question ID : 65497842274  
Status : Answered  
Chosen Option : 4

**Q.17** Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

BRIGHTEN |  
P  
Q

- Ans
- 1. BRLGHIEI
  - 2. N E I H G T R B
  - 3. BRIGHTE N
  - 4. BRIGHTE N

Question ID : 65497844304  
Status : Answered  
Chosen Option : 4

**Q.18** If 'A' denotes 'addition', 'B' denotes 'multiplication', 'C' denotes 'subtraction', and 'D' denotes 'division', then what will be the value of the following expression?

441 D 7 A 21 B 6 C (189 D 7) A (46 C 12)

- Ans
- 1. 158
  - 2. 169
  - 3. 196
  - 4. 185

Question ID : 65497844298  
Status : Answered  
Chosen Option : 3

**Q.19** Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

16 : 263 :: 18 : ? :: 22 : 491

- Ans
- 1. 317
  - 2. 361
  - 3. 331
  - 4. 340

Question ID : 65497843689  
Status : Answered  
Chosen Option : 3

**Q.20** Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

- Ans
- 1. FCHP
  - 2. JGLS
  - 3. WTYF
  - 4. NKPW

Question ID : 65497844183  
Status : Answered  
Chosen Option : 1

**Q.21** Select the number from among the given options that can replace the question mark (?) in the following series.

2, 6, 10, 17, 52, 94, 472, ?

- Ans
- 1. 763
  - 2. 861
  - 3. 816
  - 4. 736

Question ID : 65497844192  
Status : Not Answered  
Chosen Option : --

**Q.22** In a certain code language 'TEDIOUS' is written as 'HAMKWPY'. How will 'PROFUSE' be written in that language?

- Ans
- 1. IBSLVOY
  - 2. AJLSOYV
  - 3. IBLSNXY
  - 4. BISLOYV

Question ID : 65497844387  
Status : Not Answered  
Chosen Option : --

**Q.23** Study the given pattern carefully and select the number that can replace the question mark (?) in it.

60 152 161  
14 18 17  
15 19 ?

**Ans**  1. 23

2. 13

3. 19

4. 7

Question ID : **65497844196**  
Status : **Answered**  
Chosen Option : **1**

**Q.24** Jahnvi is the sister of Taruni. Taruni is married to Dilip. Dilip is the father of Raghu. Manoj is the son of Hema. Taruni is the mother-in-law of Hema. Dilip has only one son and no daughter. Jahnvi is married to Barun. Lekha is the daughter of Barun. How is Jahnvi's sister related to Manoj's paternal grandfather?

**Ans**  1. Sister

2. Wife

3. Mother-in-law

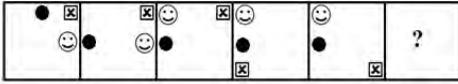
4. Mother

Question ID : **65497844290**  
Status : **Answered**  
Chosen Option : **2**

KD Job Updates



**Q.25** Select the figure from among the given options that can replace the question mark (?) in the following series.



**Ans**

1.



2.



3.



4.



Question ID : **65497844301**  
Status : **Answered**  
Chosen Option : **4**

Section : **General Awareness**

**Q.1** The 40th Amendment Act of 1976 was applied to which Article of the Constitution of India?

**Ans**  1. 297

2. 248

3. 245

4. 226

Question ID : **65497844328**  
Status : **Not Answered**  
Chosen Option : --

**Q.2** What is the study of the production and propagation of sound waves called?

**Ans**  1. Optics

2. Photonics

3. Astrophysics

4. Acoustics

Question ID : **65497844212**  
Status : **Marked For Review**  
Chosen Option : **4**

**Q.3** Who among the following science fiction/ popular science writers wrote '2001 : A Space Odyssey' and held the position of a Professor at the Physical Research Laboratory, Ahmedabad?

- Ans**  1. Isaac Asimov  
 2. Arthur C Clarke  
 3. Jules Verne  
 4. HG Wells

Question ID : **65497843417**  
Status : **Not Answered**  
Chosen Option : --

**Q.4** India lost a large proportion of \_\_\_\_\_ growing area to Pakistan during partition.

- Ans**  1. sunflower  
 2. jute  
 3. soyabean  
 4. cotton

Question ID : **65497842299**  
Status : **Marked For Review**  
Chosen Option : **3**

**Q.5** The First Amendment Act of the Constitution of India came up in \_\_\_\_\_.

- Ans**  1. 1954  
 2. 1951  
 3. 1952  
 4. 1953

Question ID : **65497843721**  
Status : **Answered**  
Chosen Option : **2**

**Q.6** 'Ashtadhyayi', written by Sanskrit scholar Panini, is a book on \_\_\_\_\_.

- Ans**  1. medicine  
 2. law  
 3. economy  
 4. grammar

Question ID : **65497842302**  
Status : **Answered**  
Chosen Option : **1**

**Q.7 As per Economic Survey of India 2020-21, India is expected to have a Current Account Surplus of \_\_\_\_\_ of GDP in FY21.**

- Ans**
- 1. 1%
  - 2. 3%
  - 3. 2%
  - 4. 4%

Question ID : **65497843401**  
Status : **Answered**  
Chosen Option : **4**

**Q.8 Which of the following is a dance form that originated in Assam?**

- Ans**
- 1. Sattriya
  - 2. Lavani
  - 3. Gotipua
  - 4. Chhau

Question ID : **65497844206**  
Status : **Answered**  
Chosen Option : **1**

**Q.9 Who among the following table tennis players won nine Senior National Championships as of April 2021?**

- Ans**
- 1. Soumyajit Ghosh
  - 2. Sujay Ghorpade
  - 3. Sathiyan Gnanasekaran
  - 4. A Sharath Kamal

Question ID : **65497843422**  
Status : **Not Answered**  
Chosen Option : **--**

**Q.10 Which of the following is the study of insects and their relationship to humans, the environment, and other organisms?**

- Ans**
- 1. Ornithology
  - 2. Entomology
  - 3. Ethology
  - 4. Mycology

Question ID : **65497844316**  
Status : **Answered**  
Chosen Option : **2**

**Q.11** As per the press release dated September 2020 of the Government of India, what is the payment made by the Government of India at Minimum Support Price (MSP) rates in the last 6 years?

- Ans**  1. ₹9 lakh crore  
 2. ₹7 lakh crore  
 3. ₹5 lakh crore  
 4. ₹3 lakh crore

Question ID : **65497844311**  
Status : **Not Answered**  
Chosen Option : --

**Q.12** Which of the following belongs to the family of 'Hominidae'?

- Ans**  1. Mango  
 2. Housefly  
 3. Wheat  
 4. Man

Question ID : **65497843408**  
Status : **Answered**  
Chosen Option : 2

**Q.13** What is the atomic mass of oxygen (expressed in 'u')?

- Ans**  1. 24  
 2. 8  
 3. 16  
 4. 32

Question ID : **65497843708**  
Status : **Answered**  
Chosen Option : 3

**Q.14** In the year \_\_\_\_\_, Indira Gandhi, the then Prime Minister of India, issued special stamps titled 'Wheat Revolution' to usher in the Green Revolution.

- Ans**  1. 1987  
 2. 1975  
 3. 1943  
 4. 1968

Question ID : **65497844219**  
Status : **Answered**  
Chosen Option : 2

**Q.15** In October 2020, the Haryana Government launched a \_\_\_\_\_ under the Jal Jeevan Mission scheme.

- Ans**
- 1. mobile app to test pH level in water
  - 2. mobile water testing laboratory
  - 3. training programme to test water salinity
  - 4. household water testing kit

Question ID : **65497842292**  
Status : **Answered**  
Chosen Option : **1**

**Q.16** Who among the following was the founder of the Indian Association for the Cultivation of Science?

- Ans**
- 1. Ashutosh Mukhopadhyay
  - 2. Mahendra Lal Sircar
  - 3. Prafulla Chandra Roy
  - 4. Jagadish Chandra Bose

Question ID : **65497843719**  
Status : **Not Answered**  
Chosen Option : **--**

**Q.17** Who among the following is the author of the book 'Mrs Funnybones'?

- Ans**
- 1. Rekha
  - 2. Juhi Chawla
  - 3. Twinkle Khanna
  - 4. Sonali Bendre

Question ID : **65497844324**  
Status : **Not Answered**  
Chosen Option : **--**

**Q.18** According to the 2011 Census of India, which of the following states has a population density of 17 persons per sq km?

- Ans**
- 1. Assam
  - 2. Nagaland
  - 3. Arunachal Pradesh
  - 4. Sikkim

Question ID : **65497844318**  
Status : **Answered**  
Chosen Option : **4**

Q.19 How many protons are there in a lithium nucleus?

- Ans  1. 2  
 2. 4  
 3. 5  
 4. 3

Question ID : 65497843406  
Status : Answered  
Chosen Option : 4

Q.20 With reference to the administration of Delhi Sultanate, which of the following was the department of State Correspondence?

- Ans  1. Diwan-i-arz  
 2. Diwan-i-khairat  
 3. Diwan-i-risalt  
 4. Diwan-i-insha

Question ID : 65497844220  
Status : Not Answered  
Chosen Option : --

Q.21 Chandannagar was established as a French colony in 1673, obtaining permission from \_\_\_\_\_ the then Nawab of Bengal, to establish a trading post on the right bank of the river Hooghly.

- Ans  1. Mansur Ali Khan  
 2. Murshid Quli Khan  
 3. Ibrahim Khan  
 4. Mir Zafar

Question ID : 65497843717  
Status : Not Answered  
Chosen Option : --

Q.22 Which Article of the Constitution of India prohibits anyone from employing children below the age of fourteen in factories, mines, etc?

- Ans  1. 23  
 2. 26  
 3. 24  
 4. 25

Question ID : 65497844228  
Status : Not Answered  
Chosen Option : --

Q.23 The Open Hand Monument in Chandigarh was designed by \_\_\_\_\_.

- Ans  1. Matthew Nowicki  
 2. Maxwell Fry  
 3. Le Corbusier  
 4. Albert Mayer

Question ID : 65497842288  
Status : Not Answered  
Chosen Option : --

Q.24 Who among the following became the first Indian woman to score 10,000 runs in international cricket across all formats in March 2021?

- Ans  1. Mithali Raj  
 2. Jhulan Goswami  
 3. Priya Punia  
 4. Taniya Bhatia

Question ID : 65497842310  
Status : Answered  
Chosen Option : 1

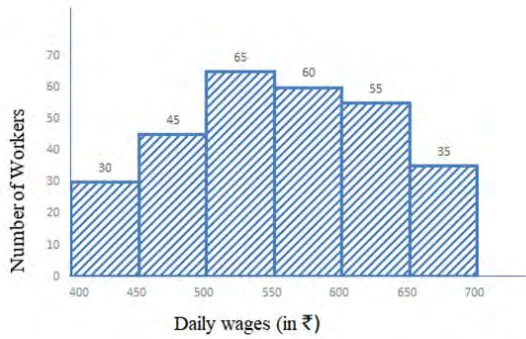
Q.25 Which of the following does NOT come under the category of Public Goods?

- Ans  1. Government administration  
 2. Food items  
 3. National defence  
 4. Roads

Question ID : 65497843703  
Status : Answered  
Chosen Option : 2

Section : Quantitative Aptitude

Q.1 Study the given histogram and answer the question that follows.



The total number of workers whose daily wages are less than ₹500 is what percentage more than the total number of workers whose daily wages are ₹650 and above (correct to one decimal place)?

- Ans
- 1. 111.8%
  - 2. 110.5%
  - 3. 101.2%
  - 4. 114.3%

Question ID : 65497844255  
Status : Answered  
Chosen Option : 4

Q.2 If  $\sqrt{x} - \frac{1}{\sqrt{x}} = \sqrt{3}$ , then what is the value of  $x^4 + \frac{1}{x^4}$ ?

- Ans
- 1. 531
  - 2. 7
  - 3. 623
  - 4. 527

Question ID : 65497843739  
Status : Answered  
Chosen Option : 4



Q.3 If  $A = 10^\circ$ , what is the value of:

$$\frac{12 \sin 3A + 5 \cos (5A - 5^\circ)}{9 \sin \frac{9A}{2} - 4 \cos (5A + 10^\circ)}$$

Ans

- ✓ 1.  $\frac{6\sqrt{2} + 5}{(9 - 2\sqrt{2})}$
- ✗ 2.  $\frac{6\sqrt{2} - 5}{(9 - 2\sqrt{2})}$
- ✗ 3.  $\frac{(9 - 2\sqrt{2})}{6\sqrt{2} + 5}$
- ✗ 4.  $\frac{6\sqrt{2} + 5}{(9 + 2\sqrt{2})}$

Question ID : 65497844351  
Status : Answered  
Chosen Option : 1

Q.4 The area of similar triangles PQR and MNT are  $196 \text{ cm}^2$  and  $169 \text{ cm}^2$  respectively. If the longest side of the larger  $\Delta$ PQR be 28 cm then what is the length (in cm) of the longest side of the smaller  $\Delta$ MNT?

- Ans ✓ 1. 26
- ✗ 2. 24
- ✗ 3. 25
- ✗ 4. 27

Question ID : 65497843742  
Status : Answered  
Chosen Option : 1

Q.5 A circle with centre O has radius 15 cm. D is a point on the circle such that a 24 cm long chord AB is bisected by OD at point C. Find the length of CD (in cm).

- Ans ✗ 1. 9
- ✓ 2. 6
- ✗ 3. 4
- ✗ 4. 10

Question ID : 65497842327  
Status : Answered  
Chosen Option : 2

**Q.6** A shopkeeper earns a profit of 17% on selling a book at 10% discount on the printed price. If the cost price is ₹500, then the printed price (in ₹) is:

- Ans**
- 1. 615
  - 2. 750
  - 3. 585
  - 4. 650

Question ID : 65497844338  
Status : Answered  
Chosen Option : 4

**Q.7** AB is a diameter of a circle with centre O. The tangent at a point C on the circle and AB, when produced, meet at the point P. If  $\angle APC = 38^\circ$ , then what is the measure of  $\angle PCB$ ?

- Ans**
- 1.  $23^\circ$
  - 2.  $26^\circ$
  - 3.  $29^\circ$
  - 4.  $19^\circ$

Question ID : 65497844245  
Status : Answered  
Chosen Option : 2

**Q.8** A sum of ₹17,200 is lent out at simple interest in two parts for 2 years at 8% p.a. and 10% p.a., respectively. If the total interest received after 2 years is ₹3,008, then the money lent (in ₹) at the rate of 8% p.a. is:

- Ans**
- 1. 6,400
  - 2. 9,200
  - 3. 9,800
  - 4. 10,800

Question ID : 65497844239  
Status : Answered  
Chosen Option : 4

**Q.9** If the volume of a sphere is  $4,851 \text{ cm}^3$ , then what is its diameter (in cm)?

(Take  $\pi = \frac{22}{7}$ )

- Ans**
- 1. 18
  - 2. 16
  - 3. 12
  - 4. 21

Question ID : 65497844344  
Status : Answered  
Chosen Option : 4

**Q.10** From the top of a 195-m high cliff, the angles of depression of the top and bottom of a tower are  $30^\circ$  and  $60^\circ$ , respectively. Find the height of the tower (in m).

- Ans**
- 1.  $195\sqrt{3}$
  - 2. 195
  - 3. 130
  - 4. 65

Question ID : 65497843443  
Status : Answered  
Chosen Option : 3

**Q.11** In an election between two candidates, 5% of the registered voters did not cast their vote. 10% of the votes were found to be either invalid or of NOTA. The winning candidate received 60% votes in his favour and won the election by 17271 votes. Find the number of registered voters.

- Ans**
- 1. 90525
  - 2. 100000
  - 3. 101000
  - 4. 102500

Question ID : 65497842317  
Status : Answered  
Chosen Option : 3

**Q.12** A manufacturer who marks the price of an article at ₹1,800, sells it to a dealer at a discount of 15%. The dealer gets a further discount of 8% on his net payment for paying in cash. What amount (to the nearest rupee) does the dealer pay to the manufacturer?

- Ans**
- 1. 1,500
  - 2. 1,408
  - 3. 1,530
  - 4. 1,378

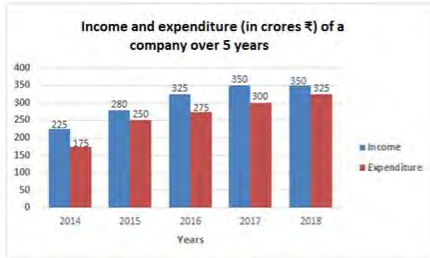
Question ID : 65497843124  
Status : Answered  
Chosen Option : 2

**Q.13** The area of a cardboard (in  $\text{cm}^2$ ) needed to make a closed box of size  $20 \text{ cm} \times 10 \text{ cm} \times 8 \text{ cm}$  will be:

- Ans**
- 1. 880
  - 2. 690
  - 3. 750
  - 4. 960

Question ID : 65497844661  
Status : Answered  
Chosen Option : 1

**Q.14** The given bar graph shows the income and expenditure (in crores ₹) of a company over 5 years, from 2014 to 2018. Study the bar graph and answer the question that follows.



In which of the following years is the ratio of income to expenditure the minimum?

- Ans**
- 1. 2017
  - 2. 2018
  - 3. 2014
  - 4. 2016

Question ID : 65497842737  
 Status : Answered  
 Chosen Option : 2

**Q.15** Anup can row 33 km downstream and 35 km upstream in 8 hours. He can also row 44 km downstream and 28 km upstream in the same time. How much time (in hours) will he take to row 55 km downstream and 14 km upstream?

- Ans**
- 1. 9
  - 2. 6
  - 3. 8
  - 4. 7

Question ID : 65497843736  
 Status : Answered  
 Chosen Option : 4

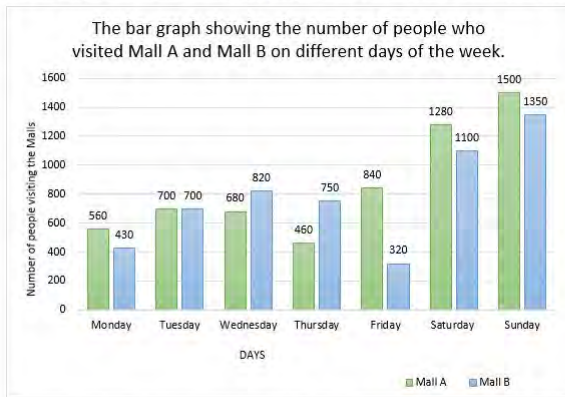
**Q.16** Find the value of the following expression:

$$\frac{3 \div 1 \times 2 + 5 - 2}{3 \times 3 - 2}$$

- Ans**
- 1.  $\frac{9}{7}$
  - 2.  $\frac{19}{3}$
  - 3.  $\frac{4}{7}$
  - 4.  $\frac{4}{3}$

Question ID : 65497843425  
 Status : Answered  
 Chosen Option : 1

**Q.17** The bar graph shows the number of people who visited Mall A and Mall B on different days of a week.



The total number of people visiting Mall A on Monday, Tuesday, Friday and Sunday is what percentage of the total number of people visiting Mall B on Tuesday, Thursday, Saturday and Sunday? Express your answer correct to one place of decimal.

- Ans**
- 1. 86.5%
  - 2. 92.3%
  - 3. 95.7%
  - 4. 82.4%

Question ID : 65497843343

Status : Answered

Chosen Option : 2

**Q.18** If  $2 \sin^2 \theta + 3 \cos \theta = 3$ ,  $0^\circ < \theta < 90^\circ$ , then the value of  $(\sec^2 \theta + \cot^2 \theta)$  is

- Ans**
- 1.  $3\frac{2}{3}$
  - 2.  $3\frac{1}{3}$
  - 3.  $4\frac{1}{3}$
  - 4.  $4\frac{1}{2}$

Question ID : 65497843744

Status : Answered

Chosen Option : 3

**Q.19** Monthly expenditure of a family on different heads is shown in the following pie chart. The family earns ₹1,08,000 every month.

How much (in ₹) does the family spend on food and transport?

Expenditure on different Heads



- Ans**
- 1. 34,000
  - 2. 35,250
  - 3. 34,800
  - 4. 34,500

Question ID : 65497843445  
Status : Answered  
Chosen Option : 4

**Q.20** LCM of two numbers is 22 times their HCF. If one of the numbers is 132 and the sum of LCM and HCF is 276, then what is the other number?

- Ans**
- 1. 24
  - 2. 30
  - 3. 25
  - 4. 20

Question ID : 65497843424  
Status : Answered  
Chosen Option : 1

**Q.21** The average of a set of 18 consecutive integers is 22.5. What is the largest integer in the set?

- Ans**
- 1. 14
  - 2. 13
  - 3. 31
  - 4. 17

Question ID : 65497844663  
Status : Answered  
Chosen Option : 3

**Q.22** A number 'n' when divided by 6 leaves remainder 2. What will be the remainder when  $(n^2 + n + 2)$  is divided by 6?

- Ans**
- 1. 4
  - 2. 6
  - 3. 0
  - 4. 2

Question ID : **65497842312**  
Status : **Answered**  
Chosen Option : **4**

**Q.23** A can do a certain work in 15 days, while B can do the same work in 21 days. If they work together, then in how many days will the same work be completed?

- Ans**
- 1.  $7\frac{3}{4}$
  - 2.  $9\frac{3}{4}$
  - 3.  $6\frac{3}{4}$
  - 4.  $8\frac{3}{4}$

Question ID : **65497844341**  
Status : **Answered**  
Chosen Option : **4**

**Q.24** In  $\Delta PQR$ , S is a point on the side QR such that PS is the bisector of  $\angle QPR$ . If  $PQ = 12$  cm,  $QS = 3$  cm and  $QR = 7$  cm, then what is the length of side PR?

- Ans**
- 1. 18 cm
  - 2. 14 cm
  - 3. 15 cm
  - 4. 16 cm

Question ID : **65497844349**  
Status : **Answered**  
Chosen Option : **4**

**Q.25** Three years ago, the ratio of the age of father to that of his son was 8 : 3. After 4 years, their ages will be in the ratio 11 : 5. What is the present age (in years) of the father?

- Ans**
- 1. 52
  - 2. 51
  - 3. 48
  - 4. 55

Question ID : **65497843733**  
Status : **Answered**  
Chosen Option : **2**

**Q.1** Select the option that can be used as a one-word substitute for the given group of words.

Unfairly take something belonging to another for one's use

- Ans**
- 1. Misconstrue
  - 2. Misinterpret
  - 3. Misappropriate
  - 4. Misapprehend

Question ID : 65497843773  
Status : **Marked For Review**  
Chosen Option : 1

**Q.2** Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

All the buses leaving between 10 p.m. and 5 a.m. has been cancelled.

- Ans**
- 1. No substitution required
  - 2. were been cancelled
  - 3. were cancelled
  - 4. being cancelled

Question ID : 65497842350  
Status : **Answered**  
Chosen Option : 1

**Q.3** Select the most appropriate antonym of the given word.

sober

- Ans**
- 1. straight
  - 2. calm
  - 3. drunk
  - 4. unwell

Question ID : 65497843768  
Status : **Answered**  
Chosen Option : 3

**Q.4** The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Aarav's mother / speaks four languages / fluently.

- Ans**
- 1. fluently
  - 2. Aarav's mother
  - 3. speaks four languages
  - 4. No error

Question ID : 65497844458  
Status : **Answered**  
Chosen Option : 3



**Q.5** The following sentence has been split into segments. One of them may contain an error. Identify the segment that contains a grammatical error. If you don't find any error, mark 'No error' as your answer.

I had all / the comforts to life / in my childhood.

- Ans**
- 1. No error
  - 2. the comforts to life
  - 3. I had all
  - 4. in my childhood

Question ID : **65497842136**  
Status : **Answered**  
Chosen Option : **2**

**Q.6** Select the option that expresses the given sentence in passive voice.

Most lizards rely on camouflage to hide from their enemies.

- Ans**
- 1. Camouflage has been relied on by most lizards to hide from their enemies.
  - 2. Camouflage is relied on by most lizards to hide from their enemies.
  - 3. Camouflage was relied on by most lizards to hide from their enemies.
  - 4. Most lizards are being relied on by camouflage to hide from their enemies.

Question ID : **65497843756**  
Status : **Answered**  
Chosen Option : **2**

**Q.7** Select the option that can be used as a one-word substitute for the given group of words.

A problem that is so difficult that it cannot be answered

- Ans**
- 1. Impossible
  - 2. Insoluble
  - 3. Terrible
  - 4. Solvable

Question ID : **65497844380**  
Status : **Answered**  
Chosen Option : **3**

**Q.8** Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

**A.** It coincided with the 140th birth anniversary of Sardar Vallabhbhai Patel.

**B.** Through this innovative measure, the knowledge of the traditions and culture of different states is being shared.

**C.** The initiative 'Ek Bharat Shreshtha Bharat' was launched by the Honourable Prime Minister on 31st October 2015.

**D.** This will lead to an enhanced bonding and national integration.

- Ans**
- 1. CBDA
  - 2. ADBC
  - 3. ABCD
  - 4. CABD

Question ID : 65497843463  
Status : Answered  
Chosen Option : 4

**Q.9** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

What would / happen if / human beings were / govern by robots?

- Ans**
- 1. happen if
  - 2. What would
  - 3. govern by robots
  - 4. human beings were

Question ID : 65497843753  
Status : Answered  
Chosen Option : 3

**Q.10** Select the most appropriate meaning of the given idiom.

To fight shy of

- Ans**
- 1. To overcome one's weakness
  - 2. To try to avoid something
  - 3. To attack without warning
  - 4. To struggle hard

Question ID : 65497844277  
Status : Answered  
Chosen Option : 1

Q.11 Select the most appropriate option to fill in the blank.

The teacher kept stopping her online lesson \_\_\_\_\_ to check if her students were following it.

- Ans  1. occasionally  
 2. indifferently  
 3. impartially  
 4. unresponsively

Question ID : 65497843775  
Status : Answered  
Chosen Option : 1

Q.12 Select the most appropriate synonym of the given word.

Amass

- Ans  1. Gather  
 2. Spread  
 3. Divide  
 4. Scatter

Question ID : 65497843464  
Status : Answered  
Chosen Option : 1

Q.13 Select the most appropriate ANTONYM of the given word.

Authentic

- Ans  1. Incredible  
 2. Meagre  
 3. Genuine  
 4. Notorious

Question ID : 65497844275  
Status : Answered  
Chosen Option : 2

Q.14 Select the most appropriate ANTONYM of the given word.

Relay

- Ans  1. Send  
 2. Pass  
 3. Spread  
 4. Hold

Question ID : 65497842355  
Status : Answered  
Chosen Option : 4

**Q.15** The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

The increase in irrigated areas / has resulted on achieving / record food grain production.

- Ans**  1. The increase in irrigated areas  
 2. has resulted on achieving  
 3. record food grain production  
 4. No error

Question ID : 65497844259  
Status : Answered  
Chosen Option : 2

**Q.16** Select the option that expresses the given sentence in indirect speech.

They cried, "Bravo! Well done."

- Ans**  1. They shouted in joy that they had done well.  
 2. They cried in joy for doing well.  
 3. They cried loudly for doing well.  
 4. They exclaimed with wonder that they had done well.

Question ID : 65497844268  
Status : Answered  
Chosen Option : 2

**Q.17** Select the option that expresses the given sentence in passive voice.

It is time to revise the syllabi.

- Ans**  1. It is time for the syllabi to be revised.  
 2. It is time for the syllabi to revise.  
 3. It has been time for the syllabi to revise.  
 4. It was time for the syllabi to be revised.

Question ID : 65497843452  
Status : Answered  
Chosen Option : 1

**Q.18** Select the most appropriate option to fill in the blank.

People all over the world are concerned about the human right to live with \_\_\_\_\_.

- Ans**  1. poise  
 2. delight  
 3. dignity  
 4. grandeur

Question ID : 65497844382  
Status : Answered  
Chosen Option : 3

**Q.19** Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'. They each listened carefully to what each other said.

- Ans**
- 1. each another
  - 2. No improvement required
  - 3. the other
  - 4. one another

Question ID : 65497843462  
Status : Answered  
Chosen Option : 4

**Q.20** Select the most appropriate meaning of the given idiom.

**Keep someone at arm's length**

- Ans**
- 1. Restrict someone to a small space to stand
  - 2. Allow someone to talk only from a distance
  - 3. Make someone stay outside
  - 4. Avoid being friendly with someone

Question ID : 65497842357  
Status : Answered  
Chosen Option : 2

**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of alternatives given. Select the most appropriate option for each blank.

Listening plays (1) \_\_\_\_\_ role in the interactive process of business transactions. It enables a person to gather proper and (2) \_\_\_\_\_ information so that he can understand the matter with clarity. For this, he should have a positive attitude towards the speaker and the (3) \_\_\_\_\_. He should also (4) \_\_\_\_\_ on what is being spoken and then evaluate it with reference to the (5) \_\_\_\_\_.

**SubQuestion No : 21**

**Q.21** Select the most appropriate option to fill in blank number 1.

- Ans**
- 1. a paltry
  - 2. a significant
  - 3. a trivial
  - 4. an abundant

Question ID : 65497844364  
Status : Answered  
Chosen Option : 2

**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of alternatives given. Select the most appropriate option for each blank.

Listening plays (1) \_\_\_\_\_ role in the interactive process of business transactions. It enables a person to gather proper and (2) \_\_\_\_\_ information so that he can understand the matter with clarity. For this, he should have a positive attitude towards the speaker and the (3) \_\_\_\_\_. He should also (4) \_\_\_\_\_ on what is being spoken and then evaluate it with reference to the (5) \_\_\_\_\_.

**SubQuestion No : 22**

**Q.22 Select the most appropriate option to fill in blank number 2.**

- Ans**  1. approximate  
 2. vague  
 3. accurate  
 4. superficial

Question ID : **65497844365**  
Status : **Answered**  
Chosen Option : **3**

**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of alternatives given. Select the most appropriate option for each blank.

Listening plays (1) \_\_\_\_\_ role in the interactive process of business transactions. It enables a person to gather proper and (2) \_\_\_\_\_ information so that he can understand the matter with clarity. For this, he should have a positive attitude towards the speaker and the (3) \_\_\_\_\_. He should also (4) \_\_\_\_\_ on what is being spoken and then evaluate it with reference to the (5) \_\_\_\_\_.

**SubQuestion No : 23**

**Q.23 Select the most appropriate option to fill in blank number 3.**

- Ans**  1. writer  
 2. words  
 3. topic  
 4. orator

Question ID : **65497844366**  
Status : **Answered**  
Chosen Option : **3**

**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of alternatives given. Select the most appropriate option for each blank.

Listening plays (1) \_\_\_\_\_ role in the interactive process of business transactions. It enables a person to gather proper and (2) \_\_\_\_\_ information so that he can understand the matter with clarity. For this, he should have a positive attitude towards the speaker and the (3) \_\_\_\_\_. He should also (4) \_\_\_\_\_ on what is being spoken and then evaluate it with reference to the (5) \_\_\_\_\_.

**SubQuestion No : 24**

**Q.24** Select the most appropriate option to fill in blank number 4.

- Ans  1. neglect  
 2. concentrate  
 3. distract  
 4. disperse

Question ID : 65497844367  
Status : Answered  
Chosen Option : 2

**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of alternatives given. Select the most appropriate option for each blank.

Listening plays (1) \_\_\_\_\_ role in the interactive process of business transactions. It enables a person to gather proper and (2) \_\_\_\_\_ information so that he can understand the matter with clarity. For this, he should have a positive attitude towards the speaker and the (3) \_\_\_\_\_. He should also (4) \_\_\_\_\_ on what is being spoken and then evaluate it with reference to the (5) \_\_\_\_\_.

**SubQuestion No : 25**

**Q.25** Select the most appropriate option to fill in blank number 5.

- Ans  1. paragraph  
 2. context  
 3. selection  
 4. excerpt

Question ID : 65497844368  
Status : Answered  
Chosen Option : 2

## Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate Name	
Venue Name	Ion Digital Zone IDZ1 Mundka
Exam Date	19/04/2022
Exam Time	9:00 AM - 10:00 AM
Subject	CGLE 2021 Tier I

### Section : General Intelligence and Reasoning

**Q.1** Select the option that is related to the third term in the same way as the second term is related to the first term.

**FASTER : AEFIRST :: KINGDOM : ?**

- Ans**
- 1. DGIKNOM
  - 2. DGIKMNO
  - 3. DIGKMNO
  - 4. DGKIMON

Question ID : **65497843174**  
Status : **Answered**  
Chosen Option : **2**

**Q.2** Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

**SKHM, OODQ, KSZU, GWVY, ?**

- Ans**
- 1. CBRD
  - 2. CARC
  - 3. BAQC
  - 4. CASC

Question ID : **65497842969**  
Status : **Marked For Review**  
Chosen Option : **2**

**Q.3** An amount of ₹1,003 is to be distributed among A, B and C in the ratio of 11 : 23 : 25. How many rupees would B get more than A?

- Ans**
- 1. ₹204
  - 2. ₹238
  - 3. ₹29
  - 4. ₹187

Question ID : **65497843185**  
Status : **Marked For Review**  
Chosen Option : **1**



Q.4 Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

5 : 27 :: 7 : ? :: 8 : 39

- Ans
- 1. 36
  - 2. 38
  - 3. 37
  - 4. 35

Question ID : 65497844194  
Status : Marked For Review  
Chosen Option : 1

Q.5 'Z + Y' means 'Y is the son of Z'.  
'Z \$ Y' means 'Y is the father of Z'.  
'Y % Z' means 'Y is the son-in-law of Z'.  
'Z - Y' means 'Y is the wife of Z'.  
'Y \* Z' means 'Z is the brother of Y'.  
'Y # Z' means 'Z is the only sister of Y'.

Which two symbols can sequentially replace the question marks (?) in the following expression to show that 'D is the wife of W'?

W % O - B ? C ? D

- Ans
- 1. + and -
  - 2. % and -
  - 3. \$ and +
  - 4. + and #

Question ID : 65497844189  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.6 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

- Ans
- 1. PSH
  - 2. SWD
  - 3. FJQ
  - 4. LPK

Question ID : 65497842062  
Status : Answered  
Chosen Option : 1

Q.7 'PSQ' means 'P is to the north of Q'.

'P&Q' means 'P is to the east of Q'.

'P\*Q' means 'Q is to the west of P'.

'P%Q' means 'Q is to the south of P'.

'P@QR' means 'P stands exactly in the middle of horizontal line QR'.

'P!QR' means 'P stands exactly in the middle of vertical line QR'.

Note: 'P6mSQ' means 'P is 6 m to the north of Q' and so on.

Find the shortest distance between G and C in the following expression.

C12mSS5m\*G3m&J6m%K!JT

- Ans
- 1. 12 m
  - 2. 10 m
  - 3. 15 m
  - 4. 13 m

Question ID : 65497844199

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.8 In a certain code language, 'BUILDER' is written as 'VZNFJL'. How will 'PARKING' be written in that language?

- Ans
- 1. JLFNEHA
  - 2. EIFLBIM
  - 3. JFLENHA
  - 4. IELFMIB

Question ID : 65497844185

Status : Marked For Review

Chosen Option : 3

Q.9 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

- 1. Hatchability
- 2. Hatchel
- 3. Hatchers
- 4. Hatchback
- 5. Hatchings

- Ans
- 1. 1, 4, 2, 5, 3
  - 2. 4, 1, 2, 5, 3
  - 3. 4, 1, 2, 3, 5
  - 4. 1, 4, 2, 3, 5

Question ID : 65497844620

Status : Answered

Chosen Option : 4

Q.10 Which two digits should be interchanged to make the given equation correct?

$$37+1152 \times 8 \div 768 - 47 = 22$$

Ans  1. 3 and 4

2. 2 and 3

3. 4 and 5

4. 5 and 6

Question ID : 65497844197

Status : Not Answered

Chosen Option : --

Q.11 Bindu, Krunal, Manoj, Nilima, Omkar, Piyush, Renu and Sundar are sitting around a circular table facing the centre, but not necessarily in the same order. Sundar sits second to the right of Piyush. Only two persons sit between Sundar and Krunal. Omkar sits opposite to Bindu, who is not an immediate neighbour of Krunal and Piyush. Nilima is the immediate neighbour of Krunal and Bindu. Manoj sits third to the right of Bindu.

Which of the following statements is/are true?

Ans  1. Manoj is the immediate neighbour of Nilima.

2. Sundar sits third to the right of Krunal.

3. Nilima sits opposite the one who sits to the immediate left of Renu.

4. Omkar is the immediate neighbour of Renu and Piyush.

Question ID : 65497844190

Status : Answered

Chosen Option : 3

Q.12 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All calculators are markers.

Some markers are pencils.

Some pencils are erasers.

Conclusions:

I. Some erasers are markers.

II. Some pencils are calculators.

Ans  1. Neither conclusion I nor II follows.

2. Both the conclusions follow.

3. Only conclusion I follows.

4. Only conclusion II follows.

Question ID : 65497842979

Status : Answered

Chosen Option : 1

**Q.13** Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

7DIScHVrGE5  


- Ans
- 1. 7D1S1cHVrGE2
  - 2. 7D1S1rHVcGE2
  - 3. 7D1S1cHVrGE2
  - 4. 2E1G1rHVc1D17

Question ID : 65497844203  
 Status : Answered  
 Chosen Option : 4

**Q.14** Select the number from among the given options that can replace the question mark (?) in the following series.

30, ?, 83, 118, 160, 210

- Ans
- 1. 60
  - 2. 62
  - 3. 42
  - 4. 54

Question ID : 65497842981  
 Status : Answered  
 Chosen Option : 4

**Q.15** Study the given pattern carefully and select the number from among the given options that can replace the question mark (?) in it.

28 54 32  
 56 8 7 65 8 18 84 ? 8  
 14 13 12

- Ans
- 1. 9
  - 2. 11
  - 3. 10
  - 4. 8

Question ID : 65497842075  
 Status : Answered  
 Chosen Option : 2

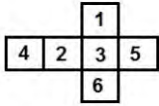
**Q.16** Which two numbers need to be interchanged to make the following equation correct?

$119 + 11 \times 5 - 153 \div 17 = 201$

- Ans
- 1. 119 and 153
  - 2. 17 and 5
  - 3. 11 and 17
  - 4. 119 and 17

Question ID : 65497842986  
 Status : Answered  
 Chosen Option : 1

**Q.17** A cube is made by folding the given sheet along the lines. In the cube so formed, what would be the number on the face opposite to the one having 5?



- Ans**
- 1. 6
  - 2. 1
  - 3. 4
  - 4. 2

Question ID : **65497842989**  
Status : **Answered**  
Chosen Option : **4**

**Q.18** Which order of letters will complete the following sequence?

   **A**    **GGA**    **GGAN**   

- Ans**
- 1. TGTG
  - 2. SGSA
  - 3. GNNG
  - 4. NGNG

Question ID : **65497844188**  
Status : **Marked For Review**  
Chosen Option : **3**

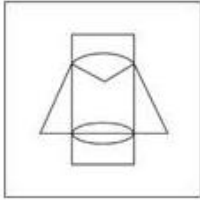
KD Job Updates

Q.19 Select the option in which the given figure is embedded (rotation is NOT allowed).

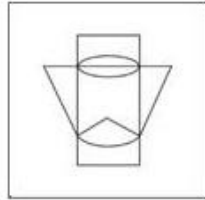


Ans

1.



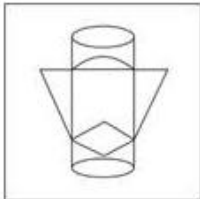
2.



3.



4.



Question ID : 65497842081  
Status : Answered  
Chosen Option : 2

Q.20 In a certain code language, 'GLOVE' is coded as 148. How will 'OBDURATE' be coded in that language?

Ans

1. 602

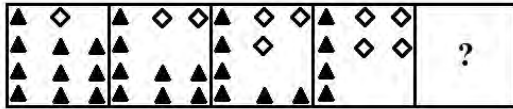
2. 402

3. 520

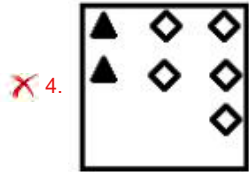
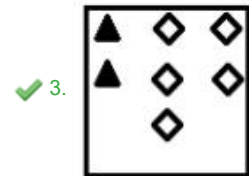
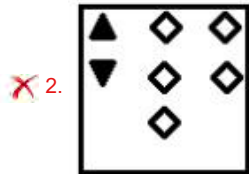
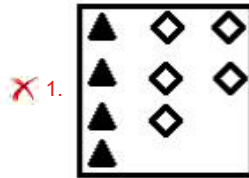
4. 502

Question ID : 65497844186  
Status : Answered  
Chosen Option : 3

Q.21 Select the figure from among the given options that can replace the question mark (?) in the following series.



Ans



Question ID : 65497844200  
 Status : Answered  
 Chosen Option : 3

Q.22 In a certain code language, 'Min Fin Dig' means 'Sohan is Engineer' and 'Sic Ric Min Dic Fin' means 'Profession of Engineer is tough'. Which of the following is the code for 'Sohan'?

- Ans  1. Dic  
 2. Min  
 3. Fin  
 4. Dig

Question ID : 65497842066  
 Status : Answered  
 Chosen Option : 4

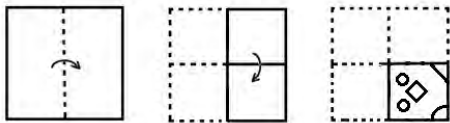
**Q.23** Select the number from among the given options that can replace the question mark (?) in the following series.

115, 178, 241, 304, ?

- Ans
- 1. 370
  - 2. 348
  - 3. 337
  - 4. 367

Question ID : 65497842071  
 Status : Answered  
 Chosen Option : 4

**Q.24** The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



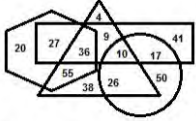
Ans

- 1.
- 2.
- 3.
- 4.

Question ID : 65497844204  
 Status : Answered  
 Chosen Option : 4



**Q.25** In the following Venn diagram, the triangle stands for 'fathers', the circle stands for 'engineers', the hexagon stands for 'tax-payers', and the rectangle stands for 'blood donors'. The given numbers represent the number of persons in that particular category.



How many tax-payers are also blood donors?

- Ans**
- 1. 63
  - 2. 38
  - 3. 61
  - 4. 55

Question ID : **65497843195**  
 Status : **Answered**  
 Chosen Option : **1**

Section : **General Awareness**

**Q.1** How many sodium atoms are there in one molecule of sodium peroxide?

- Ans**
- 1. One
  - 2. Two
  - 3. Four
  - 4. Three

Question ID : **65497843204**  
 Status : **Marked For Review**  
 Chosen Option : **2**

**Q.2** Which of the following is NOT a chemical coagulant used in water treatment?

- Ans**
- 1. Polyaluminium chloride (PAC)
  - 2. Aluminium sulfate (Alum)
  - 3. Aluminium chloride
  - 4. Nitrogen dioxide

Question ID : **65497842999**  
 Status : **Marked For Review**  
 Chosen Option : **1**

**Q.3** As per the theory of demographic transition, the post-transitional stage of demographic transition is characterised by \_\_\_\_\_.

- Ans**
- 1. low and nearly equal birth and death rates
  - 2. falling birth rates and high death rates
  - 3. high and nearly equal birth and death rates
  - 4. falling death rates and high birth rates

Question ID : **65497842098**  
 Status : **Marked For Review**  
 Chosen Option : **3**

Q.4 'Sangken' is a festival of the \_\_\_\_\_.

- Ans  1. Jains  
 2. Buddhists  
 3. Sikhs  
 4. Christians

Question ID : 65497842995  
Status : Marked For Review  
Chosen Option : 2

Q.5 In which of the following cities were the first and second test cricket matches (2021) between India and England held?

- Ans  1. Mumbai  
 2. Pune  
 3. Chennai  
 4. Ahmedabad

Question ID : 65497843017  
Status : Answered  
Chosen Option : 4

Q.6 According to World Health Organization (WHO), "Hygiene refers to \_\_\_\_\_ and practices that help to maintain \_\_\_\_\_ and \_\_\_\_\_ the spread of diseases."

- Ans  1. situations, fitness, prevent  
 2. values, health, stop  
 3. conditions, physique, retard  
 4. conditions, health, prevent

Question ID : 65497844215  
Status : Marked For Review  
Chosen Option : 4

Q.7 Who among the following was honoured by the Abel Prize of 2021 in Mathematics ?

- Ans  1. Karen Uhlenbeck  
 2. Qaboos  
 3. Laszlo Lovasz  
 4. Andrew Wiles

Question ID : 65497843215  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.8** Which of the following words does NOT precede the word 'Republic' in the Preamble of the Constitution of India?

- Ans**
- 1. Sovereign
  - 2. Democratic
  - 3. Federal
  - 4. Socialist

Question ID : 65497844227  
Status : Answered  
Chosen Option : 3

**Q.9** Which of the following is a type of plant disease?

- Ans**
- 1. Botulism
  - 2. Blight
  - 3. Coccidiosis
  - 4. Mastitis

Question ID : 65497843006  
Status : Answered  
Chosen Option : 2

**Q.10** Which of the following is a group of islands found in the tropical oceans consisting of coral reefs and a central depression?

- Ans**
- 1. Guyots
  - 2. Atoll
  - 3. Seamount
  - 4. Lagoon

Question ID : 65497844217  
Status : Answered  
Chosen Option : 3

**Q.11** Right to Information Act \_\_\_\_\_ mandates timely response to citizen requests for government information.

- Ans**
- 1. 2003
  - 2. 2005
  - 3. 2002
  - 4. 2004

Question ID : 65497844226  
Status : Answered  
Chosen Option : 2

**Q.12** As per the Economic Survey of India 2021, SENSEX and NIFTY resulted in India's market-cap to GDP ratio crossing \_\_\_\_\_ for the first time since October 2010.

- Ans**  1. 100%  
 2. 80%  
 3. 50%  
 4. 75%

Question ID : **65497843199**  
Status : **Not Answered**  
Chosen Option : --

**Q.13** Honoured with Padma Vibushan and Padma Bhushan, Kishori Amonkar was a renowned personality related to which of the following fields?

- Ans**  1. Science  
 2. Economics  
 3. Dance  
 4. Music

Question ID : **65497844224**  
Status : **Not Attempted and Marked For Review**  
Chosen Option : --

**Q.14** Which of the following is NOT abiotic?

- Ans**  1. Rainfall  
 2. Soil  
 3. Wind  
 4. Plant

Question ID : **65497844213**  
Status : **Answered**  
Chosen Option : 4

**Q.15** Which of the following is an example of 'Arthropod'?

- Ans**  1. Blood sucking leech  
 2. Hookworm  
 3. Earthworm  
 4. Scorpion

Question ID : **65497843206**  
Status : **Answered**  
Chosen Option : 4

**Q.16** The Economic Survey of 2020-21 mentions that India's fiscal policy should reflect \_\_\_\_\_ sentiment of 'a mind without fear'.

- Ans**
- 1. Jawaharlal Nehru's
  - 2. Gurudev Rabindranath Tagore's
  - 3. Mahatma Gandhi's
  - 4. Shyama Prasad Mukherjee's

Question ID : **65497844210**  
Status : **Answered**  
Chosen Option : **4**

**Q.17** *Saccharomyces Cerevisiae* is commonly used to make \_\_\_\_\_.

- Ans**
- 1. yoghurt
  - 2. carbonated beverages
  - 3. cheese
  - 4. bread

Question ID : **65497842091**  
Status : **Answered**  
Chosen Option : **2**

**Q.18** Which of the following was the first development bank in India?

- Ans**
- 1. National Housing Bank
  - 2. Export Import Bank of India
  - 3. Industrial Finance Corporation of India
  - 4. Industrial Development Bank of India

Question ID : **65497844208**  
Status : **Not Attempted and Marked For Review**  
Chosen Option : **--**

**Q.19** Alladi Krishnaswami Ayyar was the chairman of the \_\_\_\_\_ of the Constituent Assembly of India.

- Ans**
- 1. Credential Committee
  - 2. Union Powers Committee
  - 3. Order of Business Committee
  - 4. Fundamental Rights Sub-Committee

Question ID : **65497842107**  
Status : **Answered**  
Chosen Option : **4**

Q.20 Which of the following events occurred before 1919?

- Ans
- 1. Gandhi-Irwin Pact
  - 2. Chauri Chaura Incident
  - 3. Lahore Session of Congress
  - 4. Partition of Bengal

Question ID : 65497844222  
Status : Answered  
Chosen Option : 4

Q.21 William Hawkins met Emperor Jahangir as a representative of the \_\_\_\_\_ East India Company.

- Ans
- 1. Portuguese
  - 2. Dutch
  - 3. French
  - 4. English

Question ID : 65497842099  
Status : Answered  
Chosen Option : 4

Q.22 Who among the following won the 2020 JCB Prize for Literature?

- Ans
- 1. Santhosh Echikkanam
  - 2. S Hareesh
  - 3. KR Meera
  - 4. Kureepuzha Sreekumar

Question ID : 65497844223  
Status : Answered  
Chosen Option : 1

Q.23 Which of the following musical instruments is also known as a 'Mangal Vadya'?

- Ans
- 1. Shehnai
  - 2. Tabla
  - 3. Santoor
  - 4. Damaru

Question ID : 65497842085  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.24** Which of the following states won the maximum number of medals at the Khelo India Youth Games 2020?

- Ans**
- 1. Punjab
  - 2. Kerala
  - 3. Maharashtra
  - 4. Haryana

Question ID : 65497843220  
Status : Answered  
Chosen Option : 4

**Q.25** Which of the following sages of ancient India wrote the 'Mimamsa-sutras'?

- Ans**
- 1. Jaimini
  - 2. Charaka
  - 3. Badarayana
  - 4. Panini

Question ID : 65497843009  
Status : Answered  
Chosen Option : 1

Section : Quantitative Aptitude

**Q.1** If  $x + y + z = 7$ ,  $xy + yz + zx = 8$ , then what is the value of  $x^3 + y^3 + z^3 - 3xyz$ ?

- Ans**
- 1. 200
  - 2. 150
  - 3. 125
  - 4. 175

Question ID : 65497844244  
Status : Answered  
Chosen Option : 4

**Q.2** A sum of ₹18,000 becomes ₹21,780 after 2 years on compound interest compounded annually. What will be the compound interest (in ₹) on the same sum for the same period if the rate of interest increases by 5%?

- Ans**
- 1. 1,845
  - 2. 4,670
  - 3. 5,805
  - 4. 5,500

Question ID : 65497842118  
Status : Answered  
Chosen Option : 3

**Q.3** A invested 30% more than B. B invested 40% less than C, who invested ₹8,000. The average of the total amount invested by all of them together (to the nearest ₹) is:

- Ans**
- 1. 6,347
  - 2. 6,417
  - 3. 6,215
  - 4. 6,143

Question ID : 65497844238  
Status : Answered  
Chosen Option : 2

**Q.4** If  $a^3 + b^3 = 218$  and  $a + b = 2$ , then the value of  $\sqrt{1 - ab}$  is:

- Ans**
- 1. 5
  - 2. 3
  - 3. 4
  - 4. 6

Question ID : 65497844243  
Status : Answered  
Chosen Option : 4

**Q.5** From the body of a solid cube of edge 7 cm, a solid sphere is removed. The volume of the remaining solid was found to be  $163\frac{1}{3}$  cm<sup>3</sup>. What is the diameter (in cm) of the sphere? (Take  $\pi = \frac{22}{7}$ )

- Ans**
- 1. 10
  - 2. 7
  - 3. 5
  - 4. 8

Question ID : 65497842929  
Status : Answered  
Chosen Option : 2

**Q.6** A takes 3 hours more than B to walk 'd' km. If A doubles his speed, then he can make it in 1 hour less than B. How much time (in hours) does A require to walk 'd' km?

- Ans**
- 1. 5
  - 2. 9
  - 3. 8
  - 4. 4

Question ID : 65497844241  
Status : Answered  
Chosen Option : 4



**Q.7** The length of the shadow on the ground of a tall tree of height 30 m is  $10\sqrt{3}$  m. What is the angle (in degrees) of elevation of the sun?

- Ans**
- 1. 60
  - 2. 15
  - 3. 30
  - 4. 45

Question ID : 65497843241  
Status : Answered  
Chosen Option : 3

**Q.8** A shopkeeper offers his customers a discount of 10%. On an item marked at a price of ₹400, which was a little damaged, he offered additional discount of 10%. At what price (in ₹) is the item available to customers?

- Ans**
- 1. 340
  - 2. 324
  - 3. 320
  - 4. 300

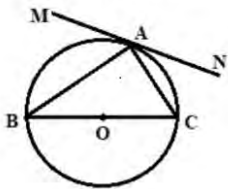
Question ID : 65497844033  
Status : Answered  
Chosen Option : 2

**Q.9** The profit earned by selling an article for ₹832 is equal to the loss incurred when the article is sold for ₹448. What should be the selling price (in ₹) to make a profit of 10%?

- Ans**
- 1. 750
  - 2. 715
  - 3. 640
  - 4. 704

Question ID : 65497844237  
Status : Answered  
Chosen Option : 4

**Q.10** In the following figure, MN is a tangent to a circle with centre O at point A. If BC is a diameter and  $\angle ABC = 42^\circ$ , then find the measure of  $\angle MAB$ .

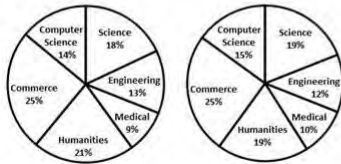


- Ans**
- 1.  $84^\circ$
  - 2.  $48^\circ$
  - 3.  $42^\circ$
  - 4.  $45^\circ$

Question ID : 65497842124  
Status : Answered  
Chosen Option : 2

**Q.11** The following pie charts show the number of students studying in different departments of an institute during the academic years 2019 and 2020. The total number of students was 2000 and 2400 in academic years 2019 and 2020, respectively.

Students studying humanities in 2019 and 2020 taken together is what percentage of the total number of students studying during the two years taken together? (correct to 2 decimal places)



Academic year 2019 Academic year 2020

- Ans**
- 1. 18.75%
  - 2. 19.91%
  - 3. 19.19%
  - 4. 18.52%

Question ID : 65497843648  
 Status : Answered  
 Chosen Option : 2

**Q.12** Of the three numbers, second is one-third of first and is also three-fourth of the third number. If the average of three numbers is 112, then what is the smallest number?

- Ans**
- 1. 63
  - 2. 45
  - 3. 84
  - 4. 189

Question ID : 65497842921  
 Status : Answered  
 Chosen Option : 1

**Q.13** A man started off a business with a certain capital amount. In the first year, he earned 60% profit and donated 50% of the total capital (initial amount + profit). He followed the same procedure with the remaining capital after the second and the third year. If at the end of the three years, he is left with ₹15,360, what was the initial amount (in ₹) with which the man started his business?

- Ans**
- 1. 20,000
  - 2. 30,000
  - 3. 25,000
  - 4. 32,000

Question ID : 65497843024  
 Status : Not Attempted and Marked For Review  
 Chosen Option : --

**Q.14** Study the given bar graph and answer the question that follows.

The bar graph shows the exports of cars of type A and B (in ₹ millions) from 2014 to 2018.



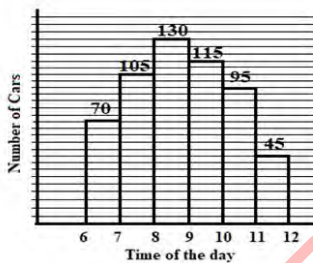
What is the ratio of the total exports of cars of type A in 2016 and 2018 to the total exports of cars of type B in 2014 and 2017?

- Ans**
- 1. 10 : 9
  - 2. 11 : 10
  - 3. 25 : 16
  - 4. 23 : 20

Question ID : 65497842636  
Status : Answered  
Chosen Option : 4

**Q.15** The number of cars passing the road near a colony from 6 am to 12 noon has been shown in the following histogram.

What is the maximum change percentage in the number of cars as compared to the previous hour? (correct to 2 decimal places)



- Ans**
- 1. Decrease of 52.63%
  - 2. Decrease of 58.5%
  - 3. Increase of 55.56%
  - 4. Increase of 58.5%

Question ID : 65497842134  
Status : Answered  
Chosen Option : 1

Q.16 If  $A = 60^\circ$ , what is the value of:

$$\frac{10 \sin \frac{A}{2} + 8 \cos A}{7 \sin \frac{3A}{2} - 12 \cos A} ?$$

- Ans
- 1. 10
  - 2. 12
  - 3. 9
  - 4. 7

Question ID : 65497844250  
Status : Answered  
Chosen Option : 3

Q.17 If  $3 \sin^2 \theta + 4 \cos \theta - 4 = 0, 0^\circ < \theta < 90^\circ$ , then the value of  $(\operatorname{cosec}^2 \theta + \cot^2 \theta)$  is

- Ans
- 1.  $\frac{5}{4}$
  - 2.  $\frac{25}{3}$
  - 3.  $\frac{4}{3}$
  - 4.  $\frac{17}{9}$

Question ID : 65497844249  
Status : Answered  
Chosen Option : 1

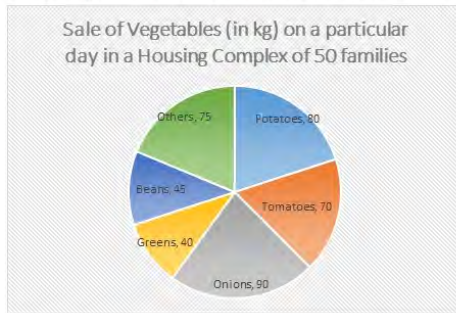
Q.18 Three numbers are in the proportion of 3 : 8 : 15 and their LCM is 8280. What is their HCF?

- Ans
- 1. 60
  - 2. 69
  - 3. 75
  - 4. 57

Question ID : 65497843222  
Status : Answered  
Chosen Option : 2

**Q.19** A vegetable vendor supplies vegetables to a housing complex of 50 families. On a particular day, the break-up sale of vegetables is represented in the form of a pie chart as shown.

Study the pie chart carefully and answer the question that follows.



What is the ratio of the central angle corresponding to the sale of potatoes, tomatoes and beans together to the central angle corresponding to the combined sale of onions and others?

- Ans**
- 1. 13 : 15
  - 2. 13 : 11
  - 3. 11 : 13
  - 4. 15 : 13

Question ID : 65497843243  
 Status : Answered  
 Chosen Option : 2

**Q.20** The value of

$$\frac{[\frac{3}{8} - (\frac{3}{8} - (\frac{5}{8} - \frac{3}{8}))]}{4\frac{1}{8} + 2.5 \times 0.2 \div \frac{1}{5} \text{ of } 50 + (\frac{2}{4} - \frac{1}{8})}$$

is:

- Ans**
- 1.  $\frac{30}{79}$
  - 2.  $\frac{42}{79}$
  - 3.  $\frac{36}{79}$
  - 4.  $\frac{24}{79}$

Question ID : 65497843223  
 Status : Answered  
 Chosen Option : 3

**Q.21** In a  $\Delta ABC$ , D, E and F are the mid-points of side BC, CA and AB respectively. If BC = 14.4 cm, CA = 15.2 cm and AB = 12.4 cm, what is the perimeter (in cm) of the  $\Delta DEF$ ?

- Ans**
- 1. 42
  - 2. 28
  - 3. 21
  - 4. 35

Question ID : 65497844247  
Status : Answered  
Chosen Option : 3

**Q.22** 14 men can complete a work in 15 days. If 21 men are employed, then in how many days will they complete the same work?

- Ans**
- 1. 10
  - 2. 14
  - 3. 12
  - 4. 15

Question ID : 65497844240  
Status : Answered  
Chosen Option : 1

**Q.23** PQ and RS are two parallel chords of a circle of length 14 cm and 48 cm, respectively, and lie on the same side of the centre O. If the distance between the chords is 17 cm, what is the radius (in cm) of the circle?

- Ans**
- 1. 28
  - 2. 24
  - 3. 25
  - 4. 20

Question ID : 65497843034  
Status : Answered  
Chosen Option : 3

**Q.24** Let  $\Delta ABC \sim \Delta PQR$  and (Area of  $\Delta ABC$ ) : (Area of  $\Delta PQR$ ) = 121 : 64. If QP = 14.4 cm, PR = 12 cm and AC = 18 cm, then what is the length of AB?

- Ans**
- 1. 32.4 cm
  - 2. 21.6 cm
  - 3. 19.8 cm
  - 4. 16.2 cm

Question ID : 65497844248  
Status : Answered  
Chosen Option : 3

**Q.25** If each of the two numbers  $5^{16}$  and  $5^{25}$  are divided by 6, the remainders are  $R_1$  and  $R_2$ , respectively. What is the value

of  $\frac{R_1 + R_2}{R_2}$  ?

**Ans**

- 1.  $\frac{1}{6}$
- 2.  $\frac{5}{6}$
- 3.  $\frac{1}{5}$
- 4.  $\frac{6}{5}$

Question ID : **65497843019**

Status : **Answered**

Chosen Option : **4**

Section : **English Comprehension**

**Q.1** Select the most appropriate **ANTONYM** of the given word.

**Altercation**

- Ans**
- 1. Agreement
  - 2. Argument
  - 3. Quarrel
  - 4. Controversy

Question ID : **65497843062**

Status : **Answered**

Chosen Option : **1**

**Q.2** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

She performed / the task / at the best / of her ability.

- Ans**
- 1. the task
  - 2. of her ability
  - 3. She performed
  - 4. at the best

Question ID : **65497842539**

Status : **Marked For Review**

Chosen Option : **4**

**Q.3** Select the most appropriate synonym of the given word.

**Obstruct**

- Ans**  1. Approve  
 2. Block  
 3. Match  
 4. Permit

Question ID : **65497843262**  
Status : **Answered**  
Chosen Option : **2**

**Q.4** Select the option that expresses the given sentence in indirect speech.

**“What is Sonia saying?” said Rohit.**

- Ans**  1. Rohit asked what was Sonia saying.  
 2. Rohit asked what Sonia was saying.  
 3. Rohit asked that what was Sonia saying.  
 4. Rohit asked what is Sonia saying.

Question ID : **65497842147**  
Status : **Answered**  
Chosen Option : **2**

**Q.5** Select the option that can be used as a one-word substitute for the given group of words.

**A fixed sum paid annually**

- Ans**  1. Bonus  
 2. Honorarium  
 3. Annuity  
 4. Alimony

Question ID : **65497844278**  
Status : **Marked For Review**  
Chosen Option : **3**

**Q.6** Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

Such was his performance that the audience gave a standing ovation.

- Ans**  1. So was  
 2. Much was  
 3. No substitution required  
 4. Such as

Question ID : **65497843057**  
Status : **Answered**  
Chosen Option : **3**



Q.7 Select the correct passive voice form of the given sentence.

The children are doing hard work.

- Ans  1. Hard work is being done by the children.  
 2. Hard work is done by the children.  
 3. Hard work had been done by the children.  
 4. Hard work was being done by the children.

Question ID : 65497843250  
Status : Answered  
Chosen Option : 1

Q.8 Select the option that gives the most appropriate meaning of the underlined idiom.

The new electrician is a green horn, but will learn fast.

- Ans  1. Efficient  
 2. Proficient  
 3. Professional  
 4. Inexperienced

Question ID : 65497843064  
Status : Answered  
Chosen Option : 4

Q.9 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Several minutes passed / before she returned / carry milk / for the dog.

- Ans  1. carry milk  
 2. Several minutes passed  
 3. for the dog  
 4. before she returned

Question ID : 65497842138  
Status : Answered  
Chosen Option : 1

Q.10 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

It has been / raining intermittently / since two days.

- Ans  1. raining intermittently  
 2. It has been  
 3. No error  
 4. since two days

Question ID : 65497844358  
Status : Answered  
Chosen Option : 4

**Q.11** Select the most appropriate meaning of the given idiom.

**Sticky fingers**

- Ans**  1. An inclination to steal  
 2. A habit of licking fingers  
 3. A tendency to interfere  
 4. A tendency to forget

Question ID : **65497842156**  
Status : **Answered**  
Chosen Option : **1**

**Q.12** The following sentence has been divided into parts. One of them contains an error. Select the part that contains the error from the given options.

The Taj Mahal / is one of / the most beautiful / creation in the world.

- Ans**  1. The Taj Mahal  
 2. the most beautiful  
 3. creation in the world  
 4. is one of

Question ID : **65497844258**  
Status : **Answered**  
Chosen Option : **1**

**Q.13** Select the option that can be used as a one-word substitute for the given group of words.

A person who travels on foot.

- Ans**  1. Pedestrian  
 2. Rover  
 3. Dweller  
 4. Flyer

Question ID : **65497844279**  
Status : **Answered**  
Chosen Option : **1**

**Q.14** Select the most appropriate ANTONYM of the given word.

**Spacious**

- Ans**  1. Cramped  
 2. Extensive  
 3. Boundless  
 4. Roomy

Question ID : **65497842154**  
Status : **Answered**  
Chosen Option : **1**

Q.15 Select the most appropriate option to fill in the blank.

I am expected to follow all your instructions, \_\_\_\_\_?

- Ans  1. isn't it  
 2. am I  
 3. aren't I  
 4. is it

Question ID : 65497844281  
Status : Marked For Review  
Chosen Option : 3

Q.16 Select the INCORRECTLY spelt word.

- Ans  1. Ensure  
 2. Adjourn  
 3. Purity  
 4. Exhaust

Question ID : 65497844280  
Status : Answered  
Chosen Option : 4

Q.17 Given below are four sentences which are jumbled. Pick the option that gives their correct order.

- A. It also wants to know how many students have been provided nutritious food and improved their overall health.  
B. The Midday Meal Scheme, that aims to provide free food to children, is in focus again.  
C. About 1.3 million government schools are covered under this welfare program of children.  
D. The Government now wants to take stock of the implementation of the program,

- Ans  1. BCDA  
 2. ADBC  
 3. BACD  
 4. ADCB

Question ID : 65497843261  
Status : Answered  
Chosen Option : 3

Q.18 Select the option that expresses the given sentence in passive voice.

Arrest the thief.

- Ans  1. Let the thief is arrested.  
 2. The thief is arrested.  
 3. The thief has been arrested.  
 4. Let the thief be arrested.

Question ID : 65497844261  
Status : Answered  
Chosen Option : 4

**Q.19** Select the most appropriate synonym of the given word.

**Commute**

- Ans**  1. Consume  
 2. Convert  
 3. Condense  
 4. Conserve

Question ID : **65497844273**  
Status : **Marked For Review**  
Chosen Option : **4**

**Q.20** Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

**In the olden days, many people use to think that the earth was flat.**

- Ans**  1. people used to think  
 2. people were used to think  
 3. people were thinking  
 4. No substitution required

Question ID : **65497843260**  
Status : **Answered**  
Chosen Option : **1**

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

There is so much (1) \_\_\_\_\_ and confusion in life today because the goal of human beings is not clear. Each person (2) \_\_\_\_\_ to fulfil his desires and dreams without (3) \_\_\_\_\_ the interest of the other. When we have a (4) \_\_\_\_\_ motive, we lose the sense of the higher objective of attaining happiness. Therefore, there is lot of (5) \_\_\_\_\_ in our life.

**SubQuestion No : 21**

**Q.21** Select the most appropriate option to fill in blank number 1.

- Ans**  1. certainty  
 2. positivity  
 3. uncertainty  
 4. reliability

Question ID : **65497844263**  
Status : **Answered**  
Chosen Option : **3**

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

There is so much (1) \_\_\_\_\_ and confusion in life today because the goal of human beings is not clear. Each person (2) \_\_\_\_\_ to fulfil his desires and dreams without (3) \_\_\_\_\_ the interest of the other. When we have a (4) \_\_\_\_\_ motive, we lose the sense of the higher objective of attaining happiness. Therefore, there is lot of (5) \_\_\_\_\_ in our life.

**SubQuestion No : 22**

**Q.22 Select the most appropriate option to fill in blank number 2.**

- Ans**
- 1. has want
  - 2. want
  - 3. have want
  - 4. wants

Question ID : **65497844264**  
Status : **Answered**  
Chosen Option : **4**

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

There is so much (1) \_\_\_\_\_ and confusion in life today because the goal of human beings is not clear. Each person (2) \_\_\_\_\_ to fulfil his desires and dreams without (3) \_\_\_\_\_ the interest of the other. When we have a (4) \_\_\_\_\_ motive, we lose the sense of the higher objective of attaining happiness. Therefore, there is lot of (5) \_\_\_\_\_ in our life.

**SubQuestion No : 23**

**Q.23 Select the most appropriate option to fill in blank number 3.**

- Ans**
- 1. considering
  - 2. disregarding
  - 3. excluding
  - 4. describing

Question ID : **65497844265**  
Status : **Answered**  
Chosen Option : **1**

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

There is so much (1) \_\_\_\_\_ and confusion in life today because the goal of human beings is not clear. Each person (2) \_\_\_\_\_ to fulfil his desires and dreams without (3) \_\_\_\_\_ the interest of the other. When we have a (4) \_\_\_\_\_ motive, we lose the sense of the higher objective of attaining happiness. Therefore, there is lot of (5) \_\_\_\_\_ in our life.

**SubQuestion No : 24**

**Q.24 Select the most appropriate option to fill in blank number 4.**

- Ans**
- 1. selfless
  - 2. selfish
  - 3. humane
  - 4. noble

Question ID : **65497844266**  
Status : **Answered**  
Chosen Option : **2**

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

There is so much (1) \_\_\_\_\_ and confusion in life today because the goal of human beings is not clear. Each person (2) \_\_\_\_\_ to fulfil his desires and dreams without (3) \_\_\_\_\_ the interest of the other. When we have a (4) \_\_\_\_\_ motive, we lose the sense of the higher objective of attaining happiness. Therefore, there is lot of (5) \_\_\_\_\_ in our life.

**SubQuestion No : 25**

**Q.25** Select the most appropriate option to fill in blank number 5.

- Ans**  1. strife  
 2. concord  
 3. peace  
 4. harmony

Question ID : **65497844267**  
Status : **Answered**  
Chosen Option : **2**

KD Job Updates

## Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate Name	
Venue Name	TCS Gito Bitan
Exam Date	19/04/2022
Exam Time	12:30 PM - 1:30 PM
Subject	CGLE 2021 Tier I

### Section : General Intelligence and Reasoning

**Q.1** Shweta starts walking from her office and walks 150 m towards the south, then she turns right and walks 80 m, and then she turns left and walks 60 m. She finally turns left and walks 280 m to reach a bank. What is the shortest distance between her office and the bank?

- Ans**
- 1. 280 m
  - 2. 290 m
  - 3. 410 m
  - 4. 370 m

Question ID : 65497843189  
Status : Answered  
Chosen Option : 2

**Q.2** Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Speaking
2. Standardize
3. Southern
4. Stampede
5. Spacious
6. Sovereignty

- Ans**
- 1. 3, 4, 6, 5, 1, 2
  - 2. 3, 6, 5, 1, 4, 2
  - 3. 3, 6, 2, 4, 1, 5
  - 4. 3, 2, 6, 1, 4, 5

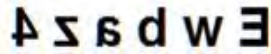
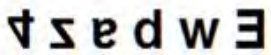
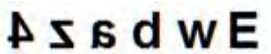

Question ID : 65497844182  
Status : Answered  
Chosen Option : 2

Q.3 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

E w b a z 4



Ans

- 1. 
- 2. 
- 3. 
- 4. 

Question ID : 65497844102  
Status : Answered  
Chosen Option : 1

Q.4 If the father of Swati is the maternal grandfather of Divya, who is the daughter of Manya, then how is Manya's husband's father related to Divya?

Ans

- 1. Maternal uncle
- 2. Paternal grandfather
- 3. Father
- 4. Paternal uncle

Question ID : 65497844088  
Status : Answered  
Chosen Option : 2

Q.5 If '@' means 'addition', '%' means 'multiplication', '\$' means 'division' and '#' means 'subtraction', then find the value of the following expression.

126 \$ 7 % 3 @ 19 # 21

Ans

- 1. 52
- 2. 18
- 3. 23
- 4. 4

Question ID : 65497842582  
Status : Answered  
Chosen Option : 1

Q.6 In a certain code language, 'GALLERY' is written as '1422424103650'. How will 'NOSTALGIA' be written in that language?

Ans

- 1. 2830204222414184
- 2. 2832384222416182
- 3. 2830384022614362
- 4. 2830384022414182

Question ID : 65497843176  
Status : Answered  
Chosen Option : 4



Q.7 Select the number from among the given options that can replace the question mark (?) in the following series.

361, 323, 285, 247, ?

- Ans
- 1. 215
  - 2. 232
  - 3. 227
  - 4. 209

Question ID : 65497842475  
Status : Answered  
Chosen Option : 4

Q.8 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

P Q \_ Q P P Q R \_ P P Q R Q \_ P Q R Q \_

- Ans
- 1. Q R P P
  - 2. R Q P P
  - 3. P Q R P
  - 4. P P R Q

Question ID : 65497843986  
Status : Answered  
Chosen Option : 2

Q.9 Raghav, Manpreet, Sunaina, Prakrit, Vedika and Arwa are sitting around a circular table facing the centre. Raghav is second to the left of Prakrit. Manpreet is to the immediate left of Sunaina. Arwa is second to the right of Vedika. There are an equal number of persons between Raghav and Manpreet from both the ends. Who is sitting third to the left of Sunaina?

- Ans
- 1. Raghav
  - 2. Vedika
  - 3. Arwa
  - 4. Prakrit

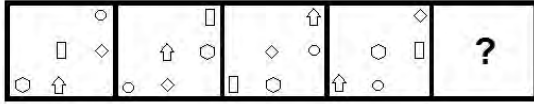
Question ID : 65497844089  
Status : Not Answered  
Chosen Option : --

Q.10 In a certain code language, 'FIXED' is written as 'XIFED', and 'MOUSE' is written as 'USOME'. How will 'GAMBIT' be written in that language?

- Ans
- 1. TGMIBA
  - 2. TMGIBA
  - 3. TMIGBA
  - 4. TIMGAB

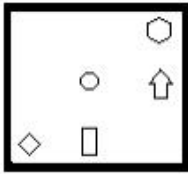
Question ID : 65497843983  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.11** Select the figure from among the given options that can replace the question mark (?) in the following series.

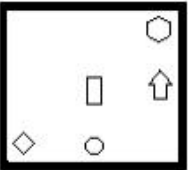


**Ans**

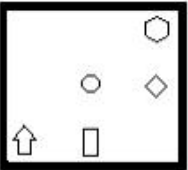
✓ 1.



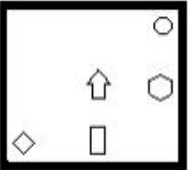
✗ 2.



✗ 3.

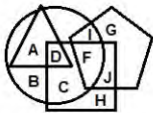


✗ 4.



Question ID : 65497844099  
 Status : Answered  
 Chosen Option : 1

**Q.12** In the following Venn diagram, the pentagon stands for 'clerks', the triangle stands for 'coffee-lovers', the square stands for 'car-owners' and the circle stands for 'social workers'. The given letters represent the persons in that particular category.



Which of the following categories of persons is represented by the letter 'D'?

**Ans**

✗ 1. Coffee-lovers who are either car-owners or social workers

✓ 2. Coffee-lovers who are car-owners and social workers also

✗ 3. Car-owners who are coffee-lovers but not social workers

✗ 4.

Coffee-lovers who are car-owners, social workers and clerks also

Question ID : 65497842993  
 Status : Answered  
 Chosen Option : 2

**Q.13** Select the correct combination of mathematical signs that can sequentially replace the \* signs to balance the following equation.

$$22 * 66 * 33 * 11 * 44 * 0$$

**Ans**  1. +, ÷, ×, -, =

2. ×, ÷, +, -, =

3. +, ÷, -, ×, =

4. ÷, +, ×, -, =

Question ID : 65497844096  
Status : Answered  
Chosen Option : 1

**Q.14** Select the option in which the two numbers are related in the same way as are the two numbers of the following number-pair.

25 : 343

**Ans**  1. 24 : 216

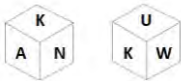
2. 29 : 121

3. 34 : 510

4. 30 : 729

Question ID : 65497843184  
Status : Answered  
Chosen Option : 1

**Q.15** Six letters, A, P, K, U, W and N, are written on different faces of a dice. Two positions of this dice are shown. Select the letter that will be on the face opposite to the one having N.



**Ans**  1. W

2. P

3. U

4. A

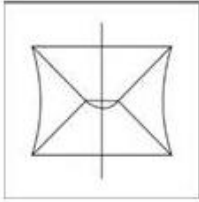
Question ID : 65497842585  
Status : Answered  
Chosen Option : 3

Q.16 Select the option in which the given figure is embedded (rotation is NOT allowed).

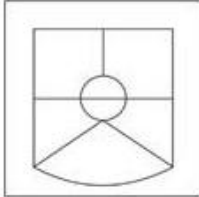


Ans

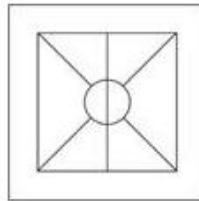
1.



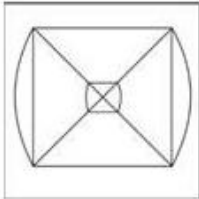
2.



3.



4.



Question ID : 65497842485  
Status : Answered  
Chosen Option : 3

Q.17 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

PGF, QJK, RMP, SPU, ?

Ans

1. RTZ

2. USX

3. TSZ

4. STY

Question ID : 65497842565  
Status : Answered  
Chosen Option : 3

**Q.18** A total amount of ₹2,95,000 is to be distributed between Vineet, Prateek and Mayank in such a way that Vineet gets half of the amount that Mayank gets and Prateek gets ₹25,000 less than Vineet. How much amount will Vineet get?

Ans  1. ₹80,000

2. ₹55,000

3. ₹70,000

4. ₹85,000

Question ID : 65497842983

Status : Answered

Chosen Option : 1

**Q.19** Select the number from among the given options that can replace the question mark (?) in the following series.

12, 38, 116, 350, ?

Ans  1. 1052

2. 986

3. 916

4. 1012

Question ID : 65497842577

Status : Answered

Chosen Option : 1

**Q.20** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some schools are colleges.  
All colleges are universities.

Conclusions:

I. All universities are schools.  
II. Some universities are colleges.

Ans  1. Either conclusion I or II follows.

2. Only conclusion I follows.

3. Only conclusion II follows.

4. Both the conclusions follow.

Question ID : 65497842575

Status : Answered

Chosen Option : 3

**Q.21** Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the one that is different.

Ans  1. LQJ

2. HLP

3. SXC

4. FKP

Question ID : 65497842466

Status : Answered

Chosen Option : 3

Q.22 In a certain code, 'jig fig vic' means 'I love India' and 're dig fig lic vic' means 'I like culture of India'. Which of the following is the code for 'love'?

- Ans
- 1. vic
  - 2. lic
  - 3. fig
  - 4. jig

Question ID : 65497842470  
Status : Answered  
Chosen Option : 4

Q.23 Study the given pattern carefully and select the number from among the given options that can replace the question mark (?) in it.

8 55 56  
91 28 2 68 20 11 27 ? 7  
13 17 9

- Ans
- 1. 20
  - 2. 24
  - 3. 30
  - 4. 18

Question ID : 65497842479  
Status : Not Attempted and Marked For Review  
Chosen Option : --

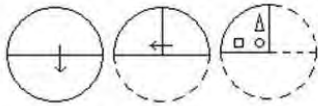
Q.24 Select the option that is related to the third term in the same way as the second term is related to the first term.

QUICKER : TGMEKWS :: REPORTS : ?

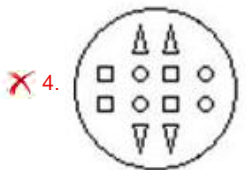
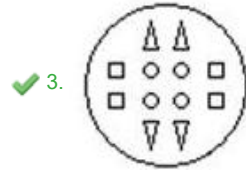
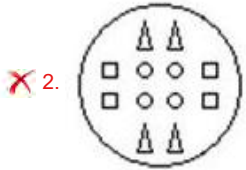
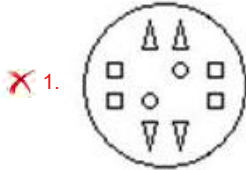
- Ans
- 1. UVTQRGT
  - 2. VUTQRGS
  - 3. USVQRGT
  - 4. UVTRRHT

Question ID : 65497842972  
Status : Answered  
Chosen Option : 1

**Q.25** The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



**Ans**



Question ID : 65497843194  
 Status : Answered  
 Chosen Option : 3

Section : General Awareness

**Q.1** Which of the following is a mountain between India and Nepal?

- Ans**
- 1. Makalu
  - 2. Manaslu
  - 3. Dhaulagiri
  - 4. Kanchenjunga

Question ID : 65497842602  
 Status : Answered  
 Chosen Option : 4

**Q.2** Who among the following Indian musicians was a part of a band named 'Planet Drum' along with Mickey Hart, Sikiru Adepoju, and Giovanni Hidalgo, whose first album received the 1992 Grammy Award for Best World Music Album, which was the first Grammy in this category?

- Ans**
- 1. Bhimsen Joshi
  - 2. Zakir Hussain
  - 3. Ravi Shankar
  - 4. Hariprasad Chaurasia

Question ID : 65497843214  
Status : Answered  
Chosen Option : 1

**Q.3** According to the Union Budget 2020-2021, the bank credit growth as of January 1, 2021, stood at \_\_\_\_\_%

- Ans**
- 1. 5.9
  - 2. 6.7
  - 3. 5.2
  - 4. 7.1

Question ID : 65497844109  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.4** Which of the following is a characteristic of amorphous solids?

- Ans**
- 1. A definite and characteristic enthalpy of fusion
  - 2. Melting at a sharp and characteristic temperature
  - 3. A definite characteristic geometrical shape
  - 4. Gradual softening over a range of temperatures

Question ID : 65497842495  
Status : Not Answered  
Chosen Option : --

**Q.5** Which of the following techniques can be used for reducing the total dissolved solids (TDS) in water?

- (1) Ion Exchange
- (2) Distillation
- (3) Carding

- Ans**
- 1. Only 1
  - 2. Only 3
  - 3. Both 1 and 2
  - 4. Both 2 and 3

Question ID : 65497843203  
Status : Answered  
Chosen Option : 3



**Q.6** The Constituent Assembly was recognised by Section \_\_\_\_\_ of the Indian Independence Act, 1947.

- Ans**
- 1. 6(2)
  - 2. 10(1)
  - 3. 12(2)
  - 4. 8(1)

Question ID : **65497842511**  
Status : **Not Answered**  
Chosen Option : --

**Q.7** In India, the Protection of Children from Sexual Offences (POCSO) Act, \_\_\_\_\_ is a comprehensive law to provide for the protection of children from the offences of sexual assault, sexual harassment and pornography, while safeguarding the interests of the child.

- Ans**
- 1. 2012
  - 2. 2006
  - 3. 2010
  - 4. 2008

Question ID : **65497843216**  
Status : **Not Answered**  
Chosen Option : --

**Q.8** Lalita is a form of folk music from \_\_\_\_\_.

- Ans**
- 1. Madhya Pradesh
  - 2. Rajasthan
  - 3. Maharashtra
  - 4. Gujarat

Question ID : **65497842489**  
Status : **Answered**  
Chosen Option : 1

**Q.9** The 74th Amendment Act of 1992 added a new Part \_\_\_\_\_ to the Constitution of India.

- Ans**
- 1. X
  - 2. IX-A
  - 3. IX
  - 4. VIII

Question ID : **65497844126**  
Status : **Not Answered**  
Chosen Option : --

**Q.10 With which of the following organisations was Lala Har Dayal associated?**

- Ans**  1. Ghadar Party  
 2. Indian Independence League  
 3. Indian Home Rule Society  
 4. Swaraj Party

Question ID : **65497842605**  
Status : **Answered**  
Chosen Option : **1**

**Q.11 In which Indian state is the 'Fatorpa Zatra' celebrated?**

- Ans**  1. Madhya Pradesh  
 2. Goa  
 3. Kerala  
 4. Himachal Pradesh

Question ID : **65497842591**  
Status : **Not Answered**  
Chosen Option : **--**

**Q.12 As per the Economic Survey 2021, in which of the following states did the proportion of households that had health insurance decrease by 12% from 2015-16 to 2019-20?**

- Ans**  1. West Bengal  
 2. Assam  
 3. Bihar  
 4. Sikkim

Question ID : **65497842997**  
Status : **Not Answered**  
Chosen Option : **--**

**Q.13 Capsaicinoids, carotenoids, phenolics, and vitamins are dominant chemicals in which of the following foods?**

- Ans**  1. Carrot  
 2. Garlic  
 3. Radish  
 4. Chilli

Question ID : **65497843004**  
Status : **Answered**  
Chosen Option : **1**

**Q.14 What is the atomic number of nitrogen?**

- Ans**  1. 6  
 2. 8  
 3. 7  
 4. 5

Question ID : **65497844114**  
Status : **Answered**  
Chosen Option : **3**

Q.15 The Hundru Fall lies along the course of which of the following rivers?

- Ans  1. Damodar  
 2. Sone  
 3. Mahanadi  
 4. Subarnarekha

Question ID : 65497844116  
Status : Answered  
Chosen Option : 3

Q.16 Who among the following was nominated for the Saraswati Samman, 2020?

- Ans  1. Manoj Das  
 2. Sharankumar Limbale  
 3. Pratibha Ray  
 4. Manishankar Mukherjee

Question ID : 65497843013  
Status : Answered  
Chosen Option : 2

Q.17 After the death of Shri Guru Gobind Singh, the Sikhs revolted against the \_\_\_\_\_ under the leadership of Banda Bahadur.

- Ans  1. Gurkhas  
 2. Mughals  
 3. British  
 4. Marathas

Question ID : 65497842503  
Status : Answered  
Chosen Option : 2

Q.18 Who among the following is the author of the book 'The Coalition Years'?

- Ans  1. Giani Zail Singh  
 2. APJ Abdul Kalam  
 3. Pranab Mukherjee  
 4. KR Narayanan

Question ID : 65497844122  
Status : Not Answered  
Chosen Option : --

Q.19 Who among the following won the All England Open Badminton Championship 2020 in the Men's Singles category?

- Ans  1. Viktor Axelsen  
 2. Kento Momota  
 3. Anders Antonsen  
 4. Chou Tien-chen

Question ID : 65497843018  
Status : Answered  
Chosen Option : 1

**Q.20** In which of the following years was the Mont-Ford Reforms report presented by the British colonial government in India?

- Ans  1. 1907  
 2. 1918  
 3. 1934  
 4. 1942

Question ID : **65497843212**  
Status : **Not Answered**  
Chosen Option : --

**Q.21** Which of the following is the shallowest part of the ocean showing an average gradient of 1° or even less?

- Ans  1. Oceanic deeps  
 2. Continental shelf  
 3. ontinental slope  
 4. Deep sea plain

Question ID : **65497842502**  
Status : **Answered**  
Chosen Option : 2

**Q.22** Who among the following created a national record in the javelin throw event at the third Indian Grand Prix meet in March 2021?

- Ans  1. Vipin Kasana  
 2. Devendra Jhajharia  
 3. Shivpal Singh  
 4. Neeraj Chopra

Question ID : **65497842613**  
Status : **Answered**  
Chosen Option : 4

**Q.23** Which of the following is a foreign bank operating in India as of 31st May 2021?

- Ans  1. Axis Bank Ltd  
 2. HDFC Bank Ltd  
 3. BNP Paribas  
 4. ICICI Bank Ltd

Question ID : **65497843198**  
Status : **Answered**  
Chosen Option : 2

**Q.24** Which day has been declared by the World Health Organization as Hand Hygiene Day?

- Ans**  1. 5th May  
 2. 18th August  
 3. 21st July  
 4. 14th June

Question ID : **65497842595**  
Status : **Not Answered**  
Chosen Option : --

**Q.25** Which of the following is a disease caused by drinking contaminated water?

- Ans**  1. Scurvy  
 2. Cholera  
 3. Rickets  
 4. Anaemia

Question ID : **65497843002**  
Status : **Answered**  
Chosen Option : 2

Section : **Quantitative Aptitude**

**Q.1** The circumcentre of an equilateral triangle is at a distance of 3.2 cm from the base of the triangle. What is the length (in cm) of each of its altitudes?

- Ans**  1. 9.6  
 2. 7.2  
 3. 6.4  
 4. 12.8

Question ID : **65497843237**  
Status : **Answered**  
Chosen Option : 1

**Q.2** In  $\triangle ABC$ ,  $\angle A = 66^\circ$ ,  $BD \perp AC$  and  $CE \perp AB$ .  $BD$  and  $EC$  intersect at  $P$ . The bisectors  $\angle PBC$  and  $\angle PCB$  meet at  $Q$ . What is the measure of  $\angle BQC$ ?

- Ans**  1.  $127^\circ$   
 2.  $132^\circ$   
 3.  $143^\circ$   
 4.  $147^\circ$

Question ID : **65497844147**  
Status : **Not Attempted and Marked For Review**  
Chosen Option : --

**Q.3** A circle is inscribed in  $\triangle ABC$ , touching AB, BC and AC at the points P, Q and R, respectively. If  $AB - BC = 4$  cm,  $AB - AC = 2$  cm and the perimeter of  $\triangle ABC = 32$  cm, then  $\frac{BC}{2}$  (in cm) = ?

Ans

1.  $\frac{20}{3}$

2.  $\frac{13}{3}$

3.  $\frac{11}{3}$

4.  $\frac{10}{3}$

Question ID : 65497842528

Status : Answered

Chosen Option : 2

**Q.4** A is 120% of B and B is 65% of C. If the sum of A, B and C is 121.5, then the value of  $C - 2B + A$  is:

Ans

1. 14

2. 35

3. 24

4. 39

Question ID : 65497842620

Status : Answered

Chosen Option : 3

**Q.5** An article is sold at a profit of  $13\frac{1}{4}\%$ . Had it been sold for ₹76.70 more, the profit would have been  $16\frac{1}{5}\%$ . 50% of the cost price of the article (in ₹) is:

Ans

1. 1,250

2. 2,500

3. 1,300

4. 1,500

Question ID : 65497844136

Status : Answered

Chosen Option : 1

**Q.6** If  $a^2 + b^2 + 49c^2 + 18 = 2(b + 28c - a)$ , then the value of  $(2a - b + 7c)$  is:

Ans

1. 5

2. -3

3. -4

4. 1

Question ID : 65497844142

Status : Answered

Chosen Option : 4

Q.7 If  $x^2 - 5x - 1 = 0$ , what is the value of

$$\frac{x^6 - x^4 + x^2 - 1}{x^2} ?$$

- Ans
- 1. 145
  - 2. 140
  - 3. 130
  - 4. 135

Question ID : 65497843234  
Status : Answered  
Chosen Option : 1

Q.8 Chords AB and CD of a circle intersect externally at P. If AB = 7 cm, CD = 1 cm and PD = 5 cm, then 50% of the length of PA (in cm) is:

- Ans
- 1. 5
  - 2. 10
  - 3. 8
  - 4. 3

Question ID : 65497842630  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.9 Find a single discount percentage equivalent to successive discounts of 10%, 20% and 25%.

- Ans
- 1. 55%
  - 2. 46%
  - 3. 20%
  - 4. 18.3%

Question ID : 65497843427  
Status : Answered  
Chosen Option : 2

Q.10 What is the LCM of 3.6, 1.8 and 0.144?

- Ans
- 1. 3.6
  - 2. 36
  - 3. 3600
  - 4. 360

Question ID : 65497843020  
Status : Answered  
Chosen Option : 1

**Q.11** A car covers a distance of 90 km in 50 min. What is its speed (in m/s)?

- Ans**
- 1. 60
  - 2. 90
  - 3. 108
  - 4. 30

Question ID : **65497843231**  
Status : **Answered**  
Chosen Option : **4**

**Q.12** The compound interest on a certain sum of money at 21% p.a. for 2 years is ₹11,138.40 (interest compounded yearly). The total amount received (in ₹) after 2 years is:

- Ans**
- 1. 31,538.40
  - 2. 24,000.50
  - 3. 35,138.40
  - 4. 28,315.40

Question ID : **65497842522**  
Status : **Not Attempted and Marked For Review**  
Chosen Option : --

**Q.13** A 20 m long ladder rests against a wall so that the angle between the ladder and the wall is  $30^\circ$ . How far (in m) is the base of the ladder from the wall?

- Ans**
- 1.  $10\sqrt{3}$
  - 2.  $20\sqrt{3}$
  - 3. 20
  - 4. 10

Question ID : **65497843039**  
Status : **Answered**  
Chosen Option : **2**

**Q.14** A and B had a joint business in which A invested ₹60,000 in the business for one year. After 3 months B invested ₹80,000. At the beginning of the second year, A invested ₹30,000 more and B withdrew ₹5,000. At the end of two years, profit earned by A is ₹35,880. What is the profit (in ₹) earned by B, if they distributed half of the total profit equally and rest in the capital ratio?

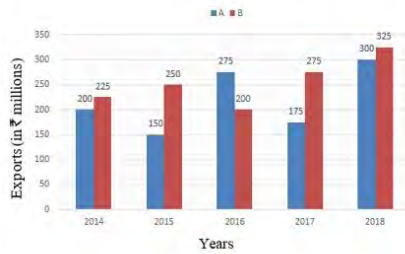
- Ans**
- 1. 69,920
  - 2. 38,060
  - 3. 34,040
  - 4. 58,940

Question ID : **65497843228**  
Status : **Not Attempted and Marked For Review**  
Chosen Option : --



**Q.15** Study the given bar graph and answer the question that follows.

The bar graph shows the exports of cars of type A and B (in ₹ millions) from 2014 to 2018.



The total exports of cars of type B from 2015 to 2018 is what percentage more than the total exports of cars of type A from 2015 to 2018 (correct to one decimal place)?

- Ans**
- 1. 17.2%
  - 2. 15.5%
  - 3. 14.9%
  - 4. 16.7%

Question ID : 65497842535  
Status : Answered  
Chosen Option : 4

**Q.16** Two similar jugs have their heights of 8 cm and 12 cm, respectively. If the capacity of the smaller jug is  $80 \text{ cm}^3$ , what is the capacity of the bigger jug (in  $\text{cm}^3$ )?

- Ans**
- 1. 120
  - 2. 192
  - 3. 216
  - 4. 270

Question ID : 65497843333  
Status : Answered  
Chosen Option : 1

**Q.17** The average of three numbers is 15. The average of the second and the third number is 12.5. What is the first number?

- Ans**
- 1. 18
  - 2. 21
  - 3. 24
  - 4. 20

Question ID : 65497843325  
Status : Answered  
Chosen Option : 4

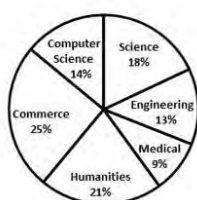
Q.18 If  $\cos B = \frac{5}{7}$ , what is the value of  $\operatorname{cosec} B + \cot B$ ? Given that  $0 < B < \frac{\pi}{2}$

- Ans
- 1.  $\frac{5}{\sqrt{6}}$
  - 2.  $\frac{\sqrt{6}}{12}$
  - 3.  $\frac{7}{\sqrt{6}}$
  - 4.  $\sqrt{6}$

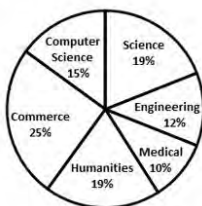
Question ID : 65497844149  
Status : Answered  
Chosen Option : 4

Q.19 The following pie-charts show the number of students studying in different departments of an institute during the academic years 2019 and 2020. The total number of students was 2000 and 2400, respectively, in academic years 2019 and 2020.

What is the ratio of the number of students studying science in the year 2019 to that in the year 2020?



Academic Year 2019



Academic Year 2020

- Ans
- 1. 18 : 19
  - 2. 20 : 21
  - 3. 15 : 19
  - 4. 14 : 15

Question ID : 65497843446  
Status : Answered  
Chosen Option : 2

Q.20 If  $\cos 53^\circ = \frac{x}{y}$ , then  $\sec 53^\circ + \cot 37^\circ$  is equal to:

Ans

1.  $\frac{x + \sqrt{y^2 - x^2}}{y}$

2.  $\frac{x + \sqrt{y^2 - x^2}}{x}$

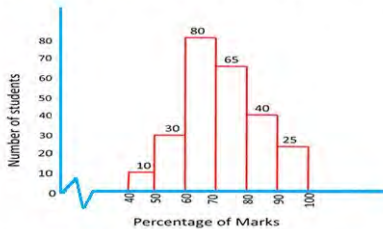
3.  $\frac{y + \sqrt{y^2 - x^2}}{x}$

4.  $\frac{y + \sqrt{y^2 - x^2}}{y}$

Question ID : 65497843239  
Status : Answered  
Chosen Option : 3

Q.21 Study the given histogram and answer the question that follows.

The histogram represents the percentage of marks obtained by a number of students of a school in the class X Board Examination in 2018. The total number of students = 250.



The number of students who have obtained less than 50% marks is approximately what percentage less than the number of students who have obtained 90% marks and above?

Ans

1. 75%

2. 60%

3. 80%

4. 40%

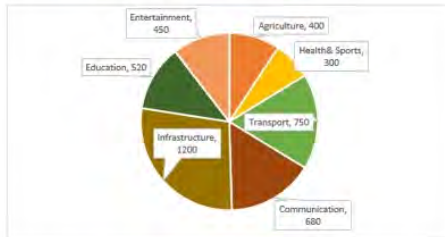
Question ID : 65497842538  
Status : Answered  
Chosen Option : 2

**Q.22** The given pie charts show the number of start-ups in various industries since 2010 and the number of successful start-ups in those industries.  
Study the charts and answer the question that follows.  
Start-ups in various industries started since 2010

**Number of Start-ups**



**Successful start-ups in various industries**



What should be the increase in the number (to the nearest integer) of successful start-ups in the industry of Health & Sports, so that its success percentage is the same as that of Education?

- Ans**
- 1. 220
  - 2. 155
  - 3. 187
  - 4. 127

Question ID : **65497843041**  
Status : **Not Answered**  
Chosen Option : --

**Q.23** If  $8A5146B$  is divisible by 88, then what is the value of  $A^B$  ?

- Ans**
- 1. 27
  - 2. 64
  - 3. 81
  - 4. 12

Question ID : **65497842615**  
Status : **Not Answered**  
Chosen Option : --

**Q.24** X, Y and Z can complete a piece of work in 46 days, 92 days and 23 days, respectively. X started the work. Y joined him after 7 days. If Z joined them after 8 days from the beginning, then for how many days did Y work?

Ans

1.  $12\frac{5}{7}$

2.  $11\frac{5}{7}$

3.  $10\frac{5}{7}$

4.  $9\frac{5}{7}$

Question ID : 65497844139

Status : Answered

Chosen Option : 1

**Q.25** What is the simplified value of the following?

$$\frac{9 \div \frac{3}{7} \text{ of } (9 + 6 \times \overline{4 - 2}) + \left[ \frac{1}{5} \div \frac{7}{25} - \left\{ \frac{5}{8} + \frac{6}{16} \right\} \right]}{24 \div \overline{16 - 10} + 36 \div (5 + 20 \div 4 - 1)}$$

Ans

1.  $\frac{40}{7}$

2.  $\frac{5}{56}$

3.  $\frac{7}{40}$

4.  $\frac{51}{56}$

Question ID : 65497843021

Status : Answered

Chosen Option : 3

Section : English Comprehension

**Q.1** The following sentence has been divided into parts. One of them may contain a grammatical error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

This park is / the largest bird sanctuary / in the State.

Ans  1. the largest bird sanctuary

2. This park is

3. No error

4. in the State

Question ID : 65497842337

Status : Answered

Chosen Option : 3

**Q.2 Select the most appropriate synonym of the given word.**

**Monotonous**

- Ans**  1. Boring  
 2. Compulsory  
 3. Eventful  
 4. Momentous

Question ID : **65497843263**  
Status : **Answered**  
Chosen Option : **1**

**Q.3 Select the most appropriate meaning of the given idiom.**

**To hold water**

- Ans**  1. To be valid and reasonable  
 2. To be unsteady and unsure  
 3. To be large and deep  
 4. To be sad and depressed

Question ID : **65497842560**  
Status : **Answered**  
Chosen Option : **4**

**Q.4 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**

**I asked my friend / where had he / learnt to dance / so well.**

- Ans**  1. where had he  
 2. learnt to dance  
 3. I asked my friend  
 4. so well

Question ID : **65497842542**  
Status : **Answered**  
Chosen Option : **2**

**Q.5 Select the correct passive voice form of the given sentence.**

**The Chief Minister inaugurated the new hospital.**

- Ans**  1. I will be assigning a new project to my manager.  
 2. My manager is assigning me a new project.  
 3. My manager has assigned me a new project.  
 4. I am being assigned a new project by my manager.

Question ID : **65497843251**  
Status : **Not Answered**  
Chosen Option : **--**

**Q.6** Select the option that can be used as a one-word substitute for the given group of words.

**A style of cooking food, characteristic of a particular country or region**

- Ans**
- 1. Creche
  - 2. Antique
  - 3. Menu
  - 4. Cuisine

Question ID : 65497843268  
Status : Answered  
Chosen Option : 4

**Q.7** Select the most appropriate meaning of the given idiom.

**Play with fire**

- Ans**
- 1. To be courageous
  - 2. To spread knowledge
  - 3. To do something dangerous
  - 4. To fight an opponent

Question ID : 65497842660  
Status : Answered  
Chosen Option : 3

**Q.8** Select the most appropriate synonym of the given word.

**Abandon**

- Ans**
- 1. Possess
  - 2. Retain
  - 3. Rescue
  - 4. Quit

Question ID : 65497843060  
Status : Answered  
Chosen Option : 4

**Q.9** The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

**Shamim have not / attended school / for four days now.**

- Ans**
- 1. attended school
  - 2. for four days now
  - 3. Shamim have not
  - 4. No error

Question ID : 65497844357  
Status : Answered  
Chosen Option : 3

**Q.10** Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

The dress may pleasantly be delivered to us at the earliest.

- Ans**
- 1. No substitution required
  - 2. may kindly
  - 3. might kindly
  - 4. must pleasantly

Question ID : 65497843058  
Status : Answered  
Chosen Option : 2

**Q.11** Select the option that can be used as a one-word substitute for the given group of words.

Unable to express feelings clearly

- Ans**
- 1. Inarticulate
  - 2. Affluent
  - 3. Eloquent
  - 4. Verbose

Question ID : 65497844178  
Status : Answered  
Chosen Option : 1

**Q.12** Select the most appropriate ANTONYM of the given word.

Constrict

- Ans**
- 1. Smite
  - 2. Choke
  - 3. Stretch
  - 4. Cramp

Question ID : 65497842658  
Status : Answered  
Chosen Option : 3

**Q.13** Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

Since setting up, the charity has raised a million dollars.

- Ans**
- 1. Since being set up
  - 2. From setting up
  - 3. Since setting
  - 4. No improvement required

Question ID : 65497842653  
Status : Answered  
Chosen Option : 1



Q.14 Given below are four jumbled sentences. Select the option that gives their correct order.

- A. For example, the sound of footsteps followed by the slam of a door are like phrases which convey some information.
- B. In films, sound effects play the part of words.
- C. We then know who is performing an action and why, and a clear picture is formed in our mind's eye.
- D. Once the sounds are prefaced or followed by a dialogue, the sentence is complete.

- Ans
- 1. DCBA
  - 2. CBDA
  - 3. BCDA
  - 4. BADC

Question ID : 65497843059  
Status : Answered  
Chosen Option : 4

Q.15 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

I was angry / on myself / for making / such a silly mistake.

- Ans
- 1. such a silly mistake
  - 2. for making
  - 3. on myself
  - 4. I was angry

Question ID : 65497843248  
Status : Answered  
Chosen Option : 3

Q.16 Select the most appropriate option to fill in the blank.

\_\_\_\_\_ or not you allow me, I am going to the fair.

- Ans
- 1. Whether
  - 2. Unless
  - 3. If
  - 4. Until

Question ID : 65497844180  
Status : Answered  
Chosen Option : 3

Q.17 Select the option that expresses the given sentence in passive voice.

Can you carry my bag upstairs?

- Ans
- 1. Was my bag carried upstairs by you?
  - 2. Could your bag be carried upstairs by me?
  - 3. Can my bag be carried upstairs by you?
  - 4. Can your bag be carried upstairs by me?

Question ID : 65497843048  
Status : Answered  
Chosen Option : 3

**Q.18 Select the most appropriate ANTONYM of the given word.**

**Taut**

- Ans**  1. Tight  
 2. Solid  
 3. Strong  
 4. Slack

Question ID : 65497842558  
Status : Answered  
Chosen Option : 4

**Q.19 Select the option that expresses the given sentence in direct speech.**

**She asked me what my favourite cuisine was.**

- Ans**  1. She said to me, "What is your favourite cuisine?"  
 2. She said to me, "What my favourite cuisine is?"  
 3. She said to me, "What is my favourite cuisine?"  
 4. She said to me, "What your favourite cuisine was?"

Question ID : 65497842551  
Status : Answered  
Chosen Option : 1

**Q.20 Select the INCORRECTLY spelt word.**

- Ans**  1. Disturbence  
 2. Genius  
 3. Opportunity  
 4. Conscious

Question ID : 65497843270  
Status : Answered  
Chosen Option : 1

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

Pollution is destroying nature. The smoke that is (1) \_\_\_\_\_ from the chimneys of the factories, and from vehicles is the mixture of poisonous gases. Due to environmental pollution, there is (2) \_\_\_\_\_ in nature, so, many birds, animals, and plants are on the verge of (3) \_\_\_\_\_ day by day. The only way to (4) \_\_\_\_\_ environmental pollution is to plant many trees. By planting trees, we can get rid of many harmful poisonous gases. It is the responsibility of everyone to (5) \_\_\_\_\_ and protect our environment.

**SubQuestion No : 21**

**Q.21 Select the most appropriate option for blank 1.**

- Ans**  1. generated  
 2. absorbed  
 3. created  
 4. emitted

Question ID : 65497844162  
Status : Answered  
Chosen Option : 4

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

Pollution is destroying nature. The smoke that is (1) \_\_\_\_\_ from the chimneys of the factories, and from vehicles is the mixture of poisonous gases. Due to environmental pollution, there is (2) \_\_\_\_\_ in nature, so, many birds, animals, and plants are on the verge of (3) \_\_\_\_\_ day by day. The only way to (4) \_\_\_\_\_ environmental pollution is to plant many trees. By planting trees, we can get rid of many harmful poisonous gases. It is the responsibility of everyone to (5) \_\_\_\_\_ and protect our environment.

**SubQuestion No : 22**

**Q.22 Select the most appropriate option for blank 2.**

- Ans**  1. an imbalance  
 2. a difference  
 3. an inequality  
 4. a balance

Question ID : 65497844163  
Status : Answered  
Chosen Option : 1

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

Pollution is destroying nature. The smoke that is (1) \_\_\_\_\_ from the chimneys of the factories, and from vehicles is the mixture of poisonous gases. Due to environmental pollution, there is (2) \_\_\_\_\_ in nature, so, many birds, animals, and plants are on the verge of (3) \_\_\_\_\_ day by day. The only way to (4) \_\_\_\_\_ environmental pollution is to plant many trees. By planting trees, we can get rid of many harmful poisonous gases. It is the responsibility of everyone to (5) \_\_\_\_\_ and protect our environment.

**SubQuestion No : 23**

**Q.23 Select the most appropriate option for blank 3.**

- Ans**  1. survival  
 2. distinction  
 3. appearance  
 4. extinction

Question ID : 65497844164  
Status : Answered  
Chosen Option : 4

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

Pollution is destroying nature. The smoke that is (1) \_\_\_\_\_ from the chimneys of the factories, and from vehicles is the mixture of poisonous gases. Due to environmental pollution, there is (2) \_\_\_\_\_ in nature, so, many birds, animals, and plants are on the verge of (3) \_\_\_\_\_ day by day. The only way to (4) \_\_\_\_\_ environmental pollution is to plant many trees. By planting trees, we can get rid of many harmful poisonous gases. It is the responsibility of everyone to (5) \_\_\_\_\_ and protect our environment.

**SubQuestion No : 24**

**Q.24** Select the most appropriate option for blank 4.

- Ans**  1. eradicate  
 2. sustain  
 3. radiate  
 4. introduce

Question ID : 65497844165  
Status : Answered  
Chosen Option : 2

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

Pollution is destroying nature. The smoke that is (1) \_\_\_\_\_ from the chimneys of the factories, and from vehicles is the mixture of poisonous gases. Due to environmental pollution, there is (2) \_\_\_\_\_ in nature, so, many birds, animals, and plants are on the verge of (3) \_\_\_\_\_ day by day. The only way to (4) \_\_\_\_\_ environmental pollution is to plant many trees. By planting trees, we can get rid of many harmful poisonous gases. It is the responsibility of everyone to (5) \_\_\_\_\_ and protect our environment.

**SubQuestion No : 25**

**Q.25** Select the most appropriate option for blank 5.

- Ans**  1. ruin  
 2. preserve  
 3. destroy  
 4. neglect

Question ID : 65497844166  
Status : Not Answered  
Chosen Option : --

## Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate Name	
Venue Name	Webinfotron Technologies Pvt. Ltd.
Exam Date	19/04/2022
Exam Time	4:00 PM - 5:00 PM
Subject	CGLE 2021 Tier I

### Section : General Intelligence and Reasoning

**Q.1** Three years ago, the difference between the age of Ravish and the age of Kailash was 18 years. Three years from today, Ravish will be three times as old as Kailash. What is the present age of Ravish (in years)?

Ans  1. 24

2. 21

3. 27

4. 18

Question ID : 65497841973  
Status : Answered  
Chosen Option : 2

**Q.2** Study the given pattern carefully and select the number that can replace the question mark (?) in it.

14 21 165  
13 19 ?  
10 17 99

Ans  1. 156

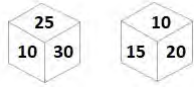
2. 140

3. 120

4. 175

Question ID : 65497843287  
Status : Not Answered  
Chosen Option : --

**Q.3** Six numbers, 5, 10, 15, 20, 25 and 30, are written on different faces of a dice. Two positions of this dice are shown.  
Select the number that will be on the face opposite to the face having the number '15'.



- Ans**
- 1. 10
  - 2. 30
  - 3. 20
  - 4. 5

Question ID : 65497842181  
Status : Answered  
Chosen Option : 2

**Q.4** Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

BEC, CID, FOG, KUL, ?

- Ans**
- 1. BAY
  - 2. RAS
  - 3. QOR
  - 4. RAR

Question ID : 65497842774  
Status : Answered  
Chosen Option : 2

**Q.5** Niraj is the father of Rinku. Jiya and Tiya are the daughters of Ruby, who is the only sister of Rinku. Vishnu is the son of Rinku and Gita. How is Niraj related to Tiya?

- Ans**
- 1. Maternal grandfather
  - 2. Paternal uncle
  - 3. Paternal grandfather
  - 4. Maternal uncle

Question ID : 65497842371  
Status : Answered  
Chosen Option : 1

Q.6 Select the option in which the given figure is embedded (rotation is NOT allowed).



Ans

✓ 1.



✗ 2.



✗ 3.



✗ 4.



Question ID : 65497843293

Status : Answered

Chosen Option : 1

Q.7 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

LGS : PLY :: MKB : ?

Ans

✓ 1. QPH

✗ 2. QOF

✗ 3. RQG

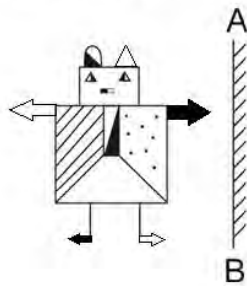
✗ 4. PQG

Question ID : 65497841962

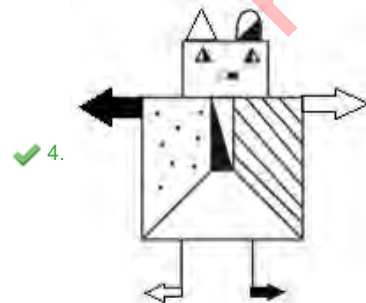
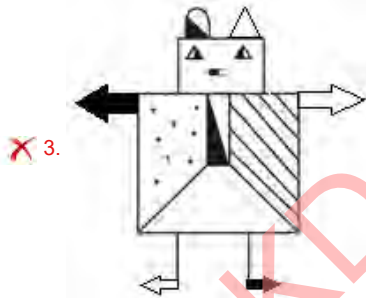
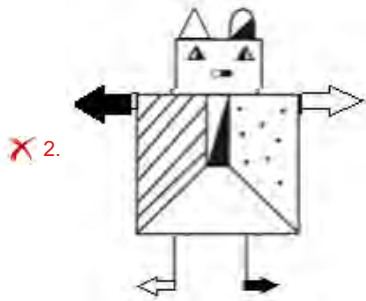
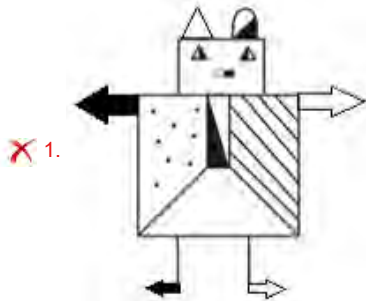
Status : Answered

Chosen Option : 1

Q.8 Select the correct mirror image of the given figure when the mirror is placed at 'AB' as shown.



Ans



Question ID : 65497842385  
Status : Answered  
Chosen Option : 4



**Q.9** In a certain code language, 'she needs some medicines' is written as '1542', 'take some water' is written as '849', 'he needs rest' is written as '713', and 'she is water' is written as '269'. How will 'take medicines' be written in that language?

Ans  1. 45

2. 92

3. 85

4. 81

Question ID : 65497843278

Status : Answered

Chosen Option : 3

**Q.10** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

All rabbits are cows.

Some rabbits are cats.

**Conclusions:**

I. All cats are rabbits.

II. Some cows are rabbits.

Ans  1. Only conclusion I follows.

2. Both the conclusions follow.

3. Only conclusion II follows.

4. Either conclusion I or II follows.

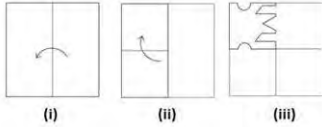
Question ID : 65497842171

Status : Answered

Chosen Option : 3

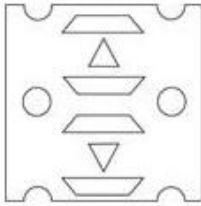
KD Job Updates

**Q.11** The sequence of folding a piece of paper (figures i and ii) and the manner in which the folded paper has been cut (figure iii) is shown in the following figures. Select the option that would most closely resemble the unfolded form of figure (iii).

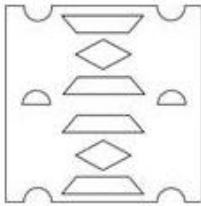


**Ans**

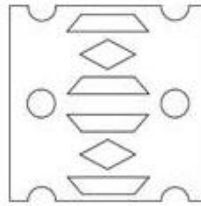
1.



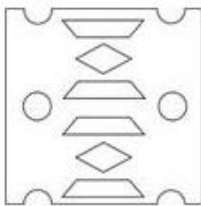
2.



3.



4.



Question ID : 65497842285  
 Status : Answered  
 Chosen Option : 3

**Q.12** Select the option that is related to the third number in the same way as the second number is related to the first number.

3824 : 4935 :: 5716 : ?

**Ans**

1. 6782

2. 6827

3. 6087

4. 6287

Question ID : 65497842275  
 Status : Answered  
 Chosen Option : 2

**Q.13** Select the correct option that indicates the arrangement of the given words in a logical and meaningful order.

1. Recording
2. Rehearsal
3. Viewers
4. Script
5. Video Editing

- Ans  1. 4, 1, 2, 3, 5
2. 4, 2, 1, 5, 3
3. 2, 4, 1, 5, 3
4. 4, 5, 2, 1, 3

Question ID : 65497843071  
Status : Answered  
Chosen Option : 2

**Q.14** Select the number from among the given options that can replace the question mark (?) in the following series.

9, 38, 154, 618, ?

- Ans  1. 928
2. 2474
3. 1268
4. 735

Question ID : 65497842173  
Status : Answered  
Chosen Option : 2

**Q.15** Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

LJV, NMR, PPN, RSJ, ?

- Ans  1. SUG
2. SWK
3. TVN
4. TVF

Question ID : 65497842161  
Status : Answered  
Chosen Option : 4

**Q.16** Which two signs need to be interchanged to make the following equation correct?

$$45 \div 15 \times 5 + 15 - 11 = 39$$

- Ans  1. - and ×
2. - and +
3. + and ×
4. ÷ and +

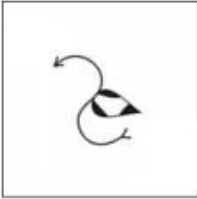
Question ID : 65497842379  
Status : Answered  
Chosen Option : 4

Q.17 Select the figure from among the given options that can replace the question mark (?) in the following series.



Ans

1.



2.



3.



4.



Question ID : 65497842382  
Status : Answered  
Chosen Option : 3

Q.18 Six children, G, H, I, J, K, and L, are sitting around a circular table facing towards the centre. J and K are sitting to the immediate left and right of G, respectively. L is sitting to the immediate left of J, but not to the immediate right of H. Who is sitting to the immediate right of K?

Ans  1. J

2. H

3. L

4. I

Question ID : 65497842372  
Status : Answered  
Chosen Option : 2

Q.19 In a certain code language, 'COLOUR' is written as 'FQOQXT' and 'VIOLET' is written as 'YKRNVH'. How will 'PURPLE' be written in that language?

- Ans
- 1. SXUSOG
  - 2. RWUSPH
  - 3. SWUROG
  - 4. RXWSOH

Question ID : 65497842771  
Status : Answered  
Chosen Option : 3

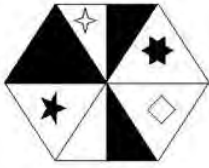
Q.20 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

- Ans
- 1. HAUPL
  - 2. YRLGC
  - 3. GZTNK
  - 4. ATNIE

Question ID : 65497843274  
Status : Answered  
Chosen Option : 3

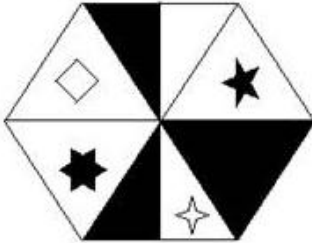
KD Job Updates

**Q.21** Which of the option figures, when rotated  $135^\circ$  clockwise followed by  $45^\circ$  anticlockwise, will result in the given question figure?

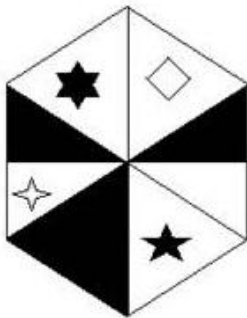


**Ans**

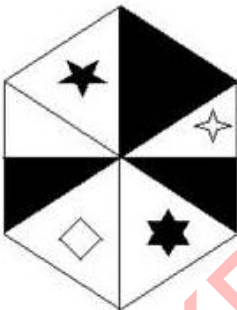
1.



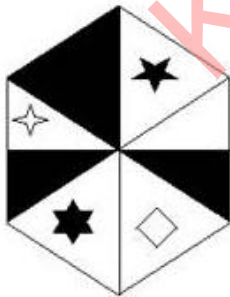
2.



3.



4.



Question ID : 65497842280  
Status : Answered  
Chosen Option : 3

Q.22 In a certain code language, 'LILY' is coded as 116, and 'LOTUS' is coded as 174. How will 'TULIP' be coded in that language?

- Ans
- 1. 126
  - 2. 78
  - 3. 156
  - 4. 168

Question ID : 65497842267  
Status : Marked For Review  
Chosen Option : 3

Q.23 If '@' means 'addition', '%' means 'multiplication', '\$' means 'division', and '#' means 'subtraction', then find the value of the following expression.

9 @ 114 \$ 19 % 5 # 21

- Ans
- 1. 32
  - 2. 18
  - 3. 26
  - 4. 20

Question ID : 65497842178  
Status : Answered  
Chosen Option : 2

Q.24 Select the number from among the given options that can replace the question mark (?) in the following series.

35, 54, 77, 106, 137, ?

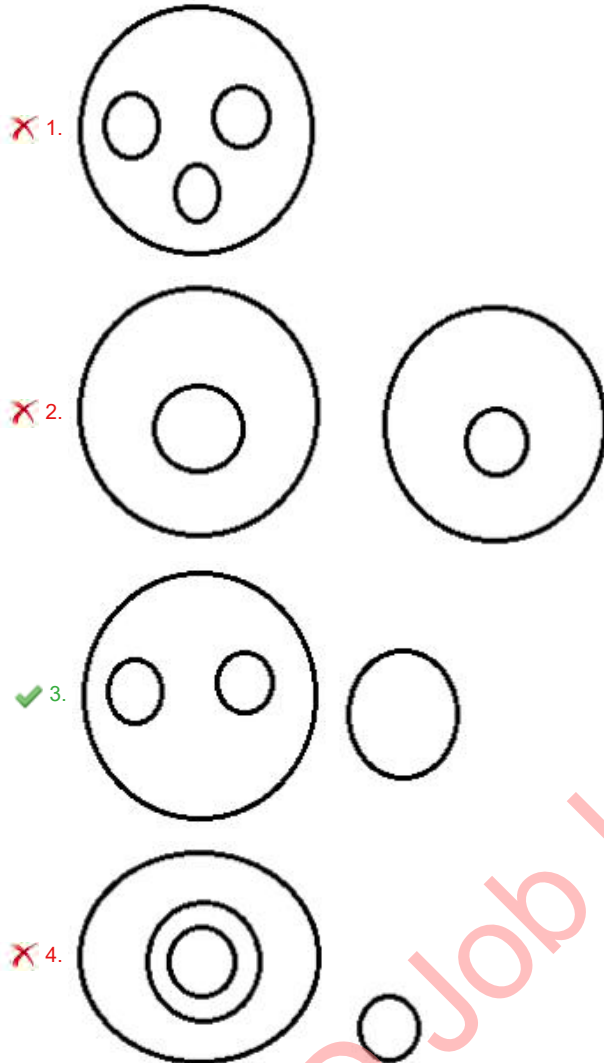
- Ans
- 1. 179
  - 2. 151
  - 3. 170
  - 4. 174

Question ID : 65497843283  
Status : Marked For Review  
Chosen Option : 4

Q.25 Select the Venn diagram that best represents the relationship between the following.

Living organisms, Omnivores, Deer, Planet

Ans



Question ID : 65497841983  
Status : Answered  
Chosen Option : 3

Section : General Awareness

Q.1 Who among the following leaders of Indian Freedom Movement gave the slogan 'Freedom is my birthright and I shall have it'?

- Ans
- ✗ 1. Subhash Chandra Bose
  - ✓ 2. Bal Gangadhar Tilak
  - ✗ 3. Gopalkrishna Gokhale
  - ✗ 4. Lala Lajpat Rai

Question ID : 65497842303  
Status : Answered  
Chosen Option : 2



**Q.2** Mountaineers refer to altitudes above about \_\_\_\_\_ metres as the 'death zone'.

- Ans  1. 5,800  
 2. 8,000  
 3. 6,700  
 4. 7,200

Question ID : 65497842198  
Status : **Marked For Review**  
Chosen Option : 4

**Q.3** Organisms belonging to the phylum \_\_\_\_\_ are also called 'flatworms'.

- Ans  1. Platyhelminthes  
 2. Ctenophora  
 3. Porifera  
 4. Cnidaria

Question ID : 65497842191  
Status : **Answered**  
Chosen Option : 1

**Q.4** In May 2020, the Government of India announced a special economic and comprehensive package equivalent to \_\_\_\_\_ of India's GDP under Atmanirbhar Bharat Abhiyan.

- Ans  1. 10%  
 2. 20%  
 3. 25%  
 4. 15%

Question ID : 65497842392  
Status : **Answered**  
Chosen Option : 2

**Q.5** Which of the following pairs of Indian revolutionaries and organisations is **CORRECTLY** paired?

- Ans  1. M Veera Raghavachari – Poona Sarvajanik Sabha  
 2. Badruddin Tyabji – Bombay Presidency Association  
 3. Mahadev Govind Ranade – Madras Mahajana Sabha  
 4. Surendranath Banerjee – East India Association

Question ID : 65497842201  
Status : **Not Answered**  
Chosen Option : --

**Q.6** Which of the following titles was held by Prince Phillip, the late husband of Queen Elizabeth II, until his death in April 2021?

- Ans**
- 1. Duke of Cambridge
  - 2. Duke of Gloucester
  - 3. Duke of Windsor
  - 4. Duke of Edinburgh

Question ID : **65497842405**  
Status : **Answered**  
Chosen Option : **4**

**Q.7** Irrespective of the source, pure water contains \_\_\_\_\_ of oxygen by mass.

- Ans**
- 1. 35.42%
  - 2. 88.89%
  - 3. 56.83%
  - 4. 11.11%

Question ID : **65497842294**  
Status : **Marked For Review**  
Chosen Option : **1**

**Q.8** \_\_\_\_\_ is an environmental policy under which producers are given a significant responsibility – financial and/or physical – for the treatment or disposal of products that are no longer useful to the consumer.

- Ans**
- 1. Producers' Environmental Responsibility
  - 2. Ethical Producer Responsibility
  - 3. Extended Producer Responsibility
  - 4. Post-consumer Environmental Responsibility

Question ID : **65497841994**  
Status : **Answered**  
Chosen Option : **4**

**Q.9** One mole of an ideal gas occupies a volume of \_\_\_\_\_ litre at 273 K and 1 atm pressure.

- Ans**
- 1. 21.2
  - 2. 25.1
  - 3. 20.3
  - 4. 22.4

Question ID : **65497842397**  
Status : **Not Answered**  
Chosen Option : **--**

Q.10 \_\_\_\_\_ was among 12 people chosen for the 'International Anti-Corruption Champions Award' constituted by the United States Department of State in February 2021.

- Ans
- 1. Medha Patkar
  - 2. Archana Borthakur
  - 3. Flavia Agnes
  - 4. Anjali Bhardwaj

Question ID : 65497842003  
Status : Not Answered  
Chosen Option : --

Q.11 As per National Family Health Survey 5, \_\_\_\_\_ is the only state with a sex ratio at birth for children born in the last five years (urban + rural), above 1,000.

- Ans
- 1. Andhra Pradesh
  - 2. Goa
  - 3. Himachal Pradesh
  - 4. Tripura

Question ID : 65497842399  
Status : Marked For Review  
Chosen Option : 4

Q.12 \_\_\_\_\_ ranked first on Forbes' list of 'Highest-Paid Female Athletes 2020'.

- Ans
- 1. Naomi Osaka
  - 2. Alex Morgan
  - 3. Serena Williams
  - 4. Ashleigh Barty

Question ID : 65497842008  
Status : Not Answered  
Chosen Option : --

Q.13 Which of the following rivers flow through both the states, West Bengal and Sikkim?

- Ans
- 1. Koshi
  - 2. Hooghly
  - 3. Sone
  - 4. Teesta

Question ID : 65497843310  
Status : Answered  
Chosen Option : 2

Q.14 In which of the following years Motilal Nehru along with eight other congress leaders drafted a Constitution for India?

- Ans  1. 1928  
 2. 1935  
 3. 1945  
 4. 1931

Question ID : 65497843319  
Status : Answered  
Chosen Option : 4

Q.15 'Hypnea indica' and 'Hypnea bullata' are types of :

- Ans  1. green seaweeds  
 2. black seaweeds  
 3. yellow seaweeds  
 4. red seaweeds

Question ID : 65497843303  
Status : Not Answered  
Chosen Option : --

Q.16 The system of MSP (Minimum Support Price) was first introduced for \_\_\_\_\_ in 1966-67 and later expanded to include other essential food crops.

- Ans  1. jowar  
 2. bajra  
 3. wheat  
 4. ragi

Question ID : 65497841987  
Status : Not Answered  
Chosen Option : --

Q.17 Who among the following is an Indian professional tennis player?

- Ans  1. Shanti Mallick  
 2. Ankita Raina  
 3. Aditi Chauhan  
 4. Bala Devi

Question ID : 65497842209  
Status : Marked For Review  
Chosen Option : 3

**Q.18 Article \_\_\_\_\_ of the Indian Constitution states that 'there shall be a Commission for the socially and educationally backward classes to be known as the National Commission for Backward Classes'.**

- Ans**
- 1. 124A (1)
  - 2. 243S (1)
  - 3. 243Y (1)
  - 4. 338B (1)

Question ID : **65497842409**  
Status : **Not Answered**  
Chosen Option : --

**Q.19 Who among the following persons is NOT a co-author of the book 'Till We Win: India's Fight Against the Covid-19 Pandemic'?**

- Ans**
- 1. Dr Gagandeep Kang
  - 2. Dr Soumya Swaminathan
  - 3. Dr Chandrakant Lahariya
  - 4. Dr Randeep Guleria

Question ID : **65497842305**  
Status : **Not Answered**  
Chosen Option : --

**Q.20 Which of the following is a folk song genre popular in parts of West Bengal, Assam and Bangladesh?**

- Ans**
- 1. Chalo
  - 2. Roppi
  - 3. Bhawaiya
  - 4. Rekham Pada

Question ID : **65497843297**  
Status : **Not Answered**  
Chosen Option : --

**Q.21 In which of the following forts was Razia Sultan imprisoned by Malik Ikhtiyar-ud-din Altunia?**

- Ans**
- 1. Qila Mubarak in Bathinda
  - 2. Jaigarh fort in Jaipur
  - 3. Golconda fort in Golconda
  - 4. Mehrangarh fort in Jodhpur

Question ID : **65497843311**  
Status : **Answered**  
Chosen Option : 1

Q.22 Carbon monoxide contains approximately \_\_\_\_\_ of oxygen for each 1.00 g of carbon.

- Ans  1. 0.23 g  
 2. 2.66 g  
 3. 1.33 g  
 4. 4.11 g

Question ID : 65497841992  
Status : Answered  
Chosen Option : 1

Q.23 The Central Board of Directors of the Reserve Bank of India are appointed for a term of \_\_\_\_\_ years.

- Ans  1. three  
 2. two  
 3. four  
 4. five

Question ID : 65497842289  
Status : Answered  
Chosen Option : 2

Q.24 \_\_\_\_\_ is an annual three-day festival held at Bara Shaheed Dargah in Nellore.

- Ans  1. Bheldiya  
 2. Baishagu  
 3. Ali Ai Ligang  
 4. Rottela Panduga

Question ID : 65497842187  
Status : Not Answered  
Chosen Option : --

Q.25 The \_\_\_\_\_ Amendment Act of the Constitution of India introduced the Goods and Services Tax (GST) in India.

- Ans  1. 104th  
 2. 92nd  
 3. 101st  
 4. 98th

Question ID : 65497842307  
Status : Answered  
Chosen Option : 3

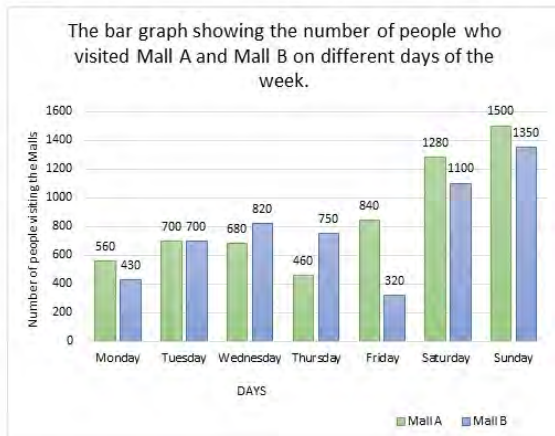
Section : Quantitative Aptitude

**Q.1** 20 men can finish a work in 30 days. They started working, but 4 men left the work after 10 days. In how many days would the work be completed?

- Ans**
- 1. 30
  - 2. 25
  - 3. 35
  - 4. 28

Question ID : 65497842422  
Status : Answered  
Chosen Option : 3

**Q.2** The bar graph shows the number of people who visited Mall A and Mall B on different days of a week.



What is the ratio of the number of people visiting Mall A on Thursday, Saturday and Sunday together to the number of people visiting Mall B on these three days together?

- Ans**
- 1. 27 : 25
  - 2. 80 : 81
  - 3. 81 : 80
  - 4. 25 : 27

Question ID : 65497843244  
Status : Answered  
Chosen Option : 3

**Q.3** A fruit seller sells 45% of the oranges that he has along with one more orange to a customer. He then sells 20% of the remaining oranges and 2 more oranges to a second customer. He then sells 90% of the now remaining oranges to a third customer and is still left with 5 oranges. How many oranges did the fruit seller have initially?

- Ans**
- 1. 100
  - 2. 111
  - 3. 121
  - 4. 120

Question ID : 65497842216  
Status : Not Answered  
Chosen Option : --

**Q.4** AB is a chord of a circle with centre O. C is a point on the circumference of the circle in the minor sector. If  $\angle ABO = 40^\circ$ , what is the measure (in degree) of  $\angle ACB$ ?

- Ans**
- 1.  $110^\circ$
  - 2.  $130^\circ$
  - 3.  $100^\circ$
  - 4.  $120^\circ$

Question ID : **65497843336**  
Status : **Not Answered**  
Chosen Option : --

**Q.5** In a triangle ABC, the bisector of angle BAC meets BC at point D such that  $DC = 2BD$ . If  $AC - AB = 5$  cm, then find the length of AB (in cm).

- Ans**
- 1. 10
  - 2. 12
  - 3. 7
  - 4. 5

Question ID : **65497842328**  
Status : **Answered**  
Chosen Option : 4

**Q.6** Two successive discounts of 20% and 25% on the marked price of an article are equal to a single discount of ₹250. If the marked price of the article is 25% above the cost price, the cost price (in ₹) of the article is:

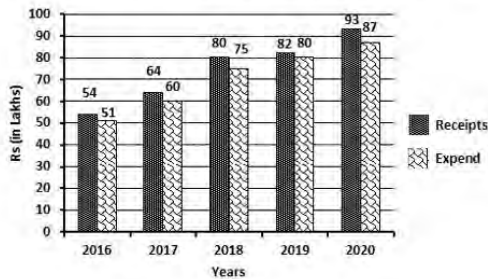
- Ans**
- 1. 450
  - 2. 600
  - 3. 550
  - 4. 500

Question ID : **65497843023**  
Status : **Answered**  
Chosen Option : 4



**Q.7** The following bar graph shows receipts and expenditure by a business firm over 5 years. Gain = Receipts – Expenditure.

In which year did the company gain the maximum amount?



- Ans**
- 1. 2016
  - 2. 2017
  - 3. 2018
  - 4. 2020

Question ID : 65497842030  
Status : Answered  
Chosen Option : 4

**Q.8** A shopkeeper bought 60 pencils at a rate of 4 for ₹5 and another 60 pencils at a rate of 2 for ₹3. He mixed all the pencils and sold them at a rate of 3 for ₹4. Find his gain or loss percentage.

- Ans**
- 1. Profit  $3\frac{1}{8}\%$
  - 2. Loss  $3\frac{1}{33}\%$
  - 3. Profit  $2\frac{7}{8}\%$
  - 4. Loss  $2\frac{7}{8}\%$

Question ID : 65497842419  
Status : Answered  
Chosen Option : 2

**Q.9** What is the compound interest (in ₹) at the rate of 10%, compounded annually, for 3 years on the principal which in 8 years at the rate of 12% per annum gives ₹4,800 as simple interest?

- Ans**
- 1. 1,455
  - 2. 1,655
  - 3. 2,045
  - 4. 1,505

Question ID : 65497843330  
Status : Answered  
Chosen Option : 2

**Q.10** Akhil rides first 12 km at a speed of 16 km/h and further 6 km at a speed of 20 km/h. Find his average speed (in km/h).

**Ans**

1.  $18\frac{1}{5}$

2.  $17\frac{1}{7}$

3.  $17\frac{1}{2}$

4.  $16\frac{4}{5}$

Question ID : 65497842322

Status : Answered

Chosen Option : 2

**Q.11** A and B entered into a partnership with certain investments. At the end of 8 months, A withdrew and collected back his money. A and B received profit in the ratio 5 : 9 at the end of the year. If B had invested ₹36,000, then how much (in ₹) had A invested?

**Ans**

1. 25,000

2. 30,000

3. 20,000

4. 36,000

Question ID : 65497842319

Status : Answered

Chosen Option : 2

**Q.12** Simplify the following expression:

$$\frac{\cos A}{1 - \tan A} + \frac{\sin A}{1 - \cot A} - \sin A$$

**Ans**

1.  $1 + \cos A$

2.  $(1 + \sin A) \cos A$

3.  $1 + \sin A$

4.  $\cos A$

Question ID : 65497842432

Status : Answered

Chosen Option : 4

**Q.13** What is the angle of elevation of the sun when the shadow of a 9-m high pole is  $3\sqrt{3}$  m long?

- Ans**
- 1.  $30^\circ$
  - 2.  $45^\circ$
  - 3.  $60^\circ$
  - 4.  $90^\circ$

Question ID : **65497842029**  
Status : **Answered**  
Chosen Option : **3**

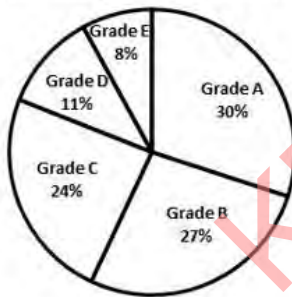
**Q.14** The average of twelve numbers is 42. The average of the last five numbers is 40, and that of the first four numbers is 44. The sixth number is 6 less than the fifth number and 5 less than the seventh number. The average of the sixth and seventh numbers is:

- Ans**
- 1. 41.5
  - 2. 43.5
  - 3. 44.5
  - 4. 45.5

Question ID : **65497844335**  
Status : **Answered**  
Chosen Option : **1**

**Q.15** Performance of 1800 students in grades has been shown in the following pie chart.

How many students have got either grade D or grade E?



- Ans**
- 1. 345
  - 2. 352
  - 3. 342
  - 4. 359

Question ID : **65497842031**  
Status : **Answered**  
Chosen Option : **3**

**Q.16** Find the value of k such that the number k53206k is divisible by 6.

- Ans**
- 1. 7
  - 2. 4
  - 3. 2
  - 4. 1

Question ID : 65497842211  
Status : Answered  
Chosen Option : 2

**Q.17** Find the greatest 3-digit number which, when divided by 3, 4, 5 and 8, leaves remainder 2 in each case.

- Ans**
- 1. 962
  - 2. 122
  - 3. 958
  - 4. 482

Question ID : 65497842010  
Status : Answered  
Chosen Option : 1

**Q.18** In a circle with centre O and of radius 13 cm, two parallel chords are drawn on different sides of the centre. If the length of one chord is 10 cm and the distance between the two chords is 17 cm, then find the difference in lengths of the two chords (in cm).

- Ans**
- 1. 10
  - 2. 14
  - 3. 24
  - 4. 12

Question ID : 65497842226  
Status : Answered  
Chosen Option : 2

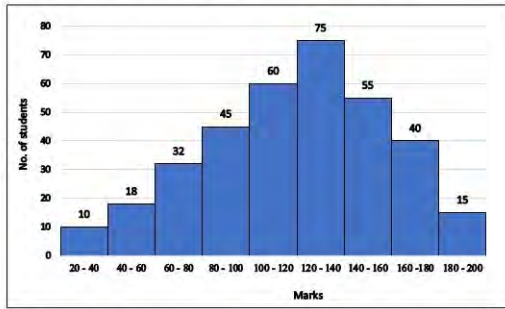
**Q.19** If  $(x + y)^3 - (x - y)^3 - 3y(2x^2 - 3y^2) = ky^3$ , then find the value of k.

- Ans**
- 1. 10.5
  - 2. 8
  - 3. 11
  - 4. 10

Question ID : 65497842425  
Status : Answered  
Chosen Option : 3

**Q.20** The given histogram represents the marks of students in Mathematics test of a certain class. The total number of students is 350 and the maximum marks of the test are 200.

Study the graph and answer the question that follows.



The total number of students whose marks are less than 100 is what percentage (correct up to one place of decimal) less than the total number of students whose marks are 120 and above?

- Ans**
- 1. 32.7%
  - 2. 36.6%
  - 3. 43.2%
  - 4. 51.8%

Question ID : 65497843346  
Status : Marked For Review  
Chosen Option : 4

**Q.21** If  $\cot^2 \alpha + \tan^2 \alpha = 2$ ,  $0^\circ \leq \alpha \leq 90^\circ$ , then find the value of  $\alpha$

- Ans**
- 1.  $0^\circ$
  - 2.  $45^\circ$
  - 3.  $60^\circ$
  - 4.  $90^\circ$

Question ID : 65497842330  
Status : Answered  
Chosen Option : 2

Q.22 Find the value of the following expression:

$$\frac{1\frac{2}{3} \div \frac{5}{6} \times 6 + \frac{4}{5} \times \frac{1}{2} + \frac{2}{3}}{2 - \left[ 1\frac{1}{3} \times \left(-\frac{3}{5}\right) - 6 \left\{ \frac{3}{5} - \left(3 - \frac{3}{10}\right) \right\} \right]}$$

Ans

✓ 1.  $-\frac{4}{3}$

✗ 2.  $\frac{4}{3}$

✗ 3.  $\frac{1}{7}$

✗ 4.  $-\frac{1}{7}$

Question ID : 65497842011

Status : Not Answered

Chosen Option : --

Q.23 In a right-angled triangle, the lengths of the medians from the vertices of acute angles are 7 cm and  $4\sqrt{6}$  cm. What is the length of the hypotenuse of the triangle (in cm)?

Ans

✗ 1.  $3.5 + 2\sqrt{6}$

✗ 2.  $\frac{5}{2}\sqrt{29}$

✗ 3.  $\sqrt{29}$

✓ 4.  $2\sqrt{29}$

Question ID : 65497842430

Status : Answered

Chosen Option : 4

Q.24 The length of a wire (in cm) of 0.1 mm radius that can be drawn from melting a solid copper sphere of diameter 6 cm is:

Ans

✗ 1. 250000

✓ 2. 360000

✗ 3. 440000

✗ 4. 810000

Question ID : 65497844343

Status : Answered

Chosen Option : 2

**Q.25** If  $a + b + c = 11$  and  $ab + bc + ca = 28$ , then find the value of  $a^3 + b^3 + c^3 - 3abc$ .

- Ans**
- 1. 1639
  - 2. 407
  - 3. 2255
  - 4. 1093

Question ID : 65497842325  
Status : Answered  
Chosen Option : 2

Section : English Comprehension

**Q.1** Select the most appropriate synonym of the given word.

**Arid**

- Ans**
- 1. Dry
  - 2. Lively
  - 3. Damp
  - 4. Fertile

Question ID : 65497842050  
Status : Answered  
Chosen Option : 1

**Q.2** Select the INCORRECTLY spelt word.

- Ans**
- 1. Annivarsary
  - 2. Anguish
  - 3. Anonymous
  - 4. Announcement

Question ID : 65497842361  
Status : Answered  
Chosen Option : 1

**Q.3** Select the option that expresses the given sentence in active voice.

**I have been informed of their decision.**

- Ans**
- 1. They are informing me of their decision.
  - 2. They informed me of their decision.
  - 3. They had informed me of their decision.
  - 4. They have informed me of their decision.

Question ID : 65497842038  
Status : Answered  
Chosen Option : 4

**Q.4 Identify the segment in the sentence which contains the grammatical error.**

**Smita lived in this house since she was five years old.**

- Ans**
- 1. five years old
  - 2. in this house
  - 3. since she was
  - 4. Smita lived

Question ID : **65497843350**  
Status : **Answered**  
Chosen Option : **4**

**Q.5 Select the most appropriate synonym of the given word.**

**Tranquil**

- Ans**
- 1. Calm
  - 2. Alert
  - 3. Aware
  - 4. Dazed

Question ID : **65497842354**  
Status : **Answered**  
Chosen Option : **1**

**Q.6 Select the option that can be used as a one-word substitute for the given group of words.**

**An animal with a spinal cord**

- Ans**
- 1. Amphibian
  - 2. Mammal
  - 3. Invertebrate
  - 4. Vertebrate

Question ID : **65497842359**  
Status : **Marked For Review**  
Chosen Option : **4**

**Q.7 Select the most appropriate ANTONYM of the given word.**

**Feeble**

- Ans**
- 1. Wild
  - 2. Fast
  - 3. Strong
  - 4. Fickle

Question ID : **65497842254**  
Status : **Answered**  
Chosen Option : **3**



**Q.8** Select the option that expresses the given sentence in direct speech.

The guard told the children to stay away from the flower beds.

- Ans
- 1. The guard says to the children, " Stay away from the flower beds."
  - 2. The guard told to the children, " Stay away from the flower beds."
  - 3. The guard said, "Children, should you stay away from the flower beds."
  - 4. The guard said, "Children, stay away from the flower beds."

Question ID : **65497843359**  
Status : **Answered**  
Chosen Option : **4**

**Q.9** Select the most appropriate ANTONYM of the given word.

Famished

- Ans
- 1. Hesitant
  - 2. Volatile
  - 3. Starved
  - 4. Satiated

Question ID : **65497843366**  
Status : **Answered**  
Chosen Option : **4**

**Q.10** The following sentence has been split into segments. One of them may contain an error. Identify the segment that contains a grammatical error. If you don't find any error, mark 'No error' as your answer.

A shop nearby / sell all the goods / of daily use.

- Ans
- 1. No error
  - 2. A shop nearby
  - 3. sell all the goods
  - 4. of daily use

Question ID : **65497842135**  
Status : **Answered**  
Chosen Option : **3**

**Q.11** Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

I can't make out my mind about taking a vacation in winter.

- Ans
- 1. make up
  - 2. made out
  - 3. No substitution required
  - 4. make on

Question ID : **65497842048**  
Status : **Answered**  
Chosen Option : **1**

Q.12 Select the most appropriate meaning of the given idiom.

**Blow your own trumpet**

- Ans  1. Boast about one's own qualities  
 2. Keep away the dust from your instruments  
 3. Practise playing music  
 4. Play on your instrument

Question ID : 65497842256  
Status : Answered  
Chosen Option : 1

Q.13 Select the option that can be used as a one-word substitute for the given group of words.

**Able to be happy, successful, etc. again after something difficult or bad has happened**

- Ans  1. Reluctant  
 2. Remnant  
 3. Resilient  
 4. Resistant

Question ID : 65497842461  
Status : Answered  
Chosen Option : 3

Q.14 The following sentence has been split into segments. One of them may contain an error. Identify the segment that contains a grammatical error. If you don't find any error, mark 'No error' as your answer.

**He was formerly / a doctor of / the corporate hospital.**

- Ans  1. No error  
 2. He was formerly  
 3. the corporate hospital  
 4. a doctor of

Question ID : 65497842339  
Status : Answered  
Chosen Option : 4

Q.15 Select the most appropriate meaning of the given idiom.

**A snake in the grass**

- Ans  1. A sudden death  
 2. A good fortune  
 3. A hidden enemy  
 4. An unfortunate accident

Question ID : 65497843368  
Status : Answered  
Chosen Option : 3

Q.16 Identify the segment in the sentence which contains the grammatical error.

Our team have won the match.

- Ans
- 1. the match
  - 2. won
  - 3. Our team
  - 4. have

Question ID : 65497843348  
Status : Answered  
Chosen Option : 4

Q.17 Select the most appropriate option to fill in the blank.

They called Mohan a \_\_\_\_\_ because he did not want to go into the dark lane.

- Ans
- 1. coward
  - 2. hero
  - 3. brave
  - 4. valiant

Question ID : 65497842463  
Status : Answered  
Chosen Option : 1

Q.18 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

- A. They always shared machinery and goods as needed without a hitch.
- B. Then they had the first serious quarrel in 40 years of farming side by side.
- C. And unfortunately, the long collaboration fell apart.
- D. Two brothers lived on adjoining farms in a small village.

- Ans
- 1. DBCA
  - 2. DABC
  - 3. CADB
  - 4. BCAD

Question ID : 65497842049  
Status : Answered  
Chosen Option : 2

Q.19 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

Hardly had we get in but the train started.

- Ans
- 1. we get in than
  - 2. No substitution required
  - 3. we got in before
  - 4. we got in when

Question ID : 65497842249  
Status : Answered  
Chosen Option : 4

**Q.20** Select the correct active voice of the given sentence.

The watchman has been bitten by a stray dog.

- Ans  1. A watchman has bitten the stray dog.  
 2. A stray dog has bitten the watchman.  
 3. A stray dog bit the watchman.  
 4. A stray dog is biting the watchman.

Question ID : 65497842342  
Status : Answered  
Chosen Option : 2

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

A banker taped a picture, drawn by one of his small children, to his office wall. When he 1. \_\_\_\_\_ at work the next morning, he found the 2. \_\_\_\_\_ was covered by a 3. \_\_\_\_\_ notice, saying he was in 4. \_\_\_\_\_ of company policy which required personal items to be put away at night. 5. \_\_\_\_\_ a reaction was not just petty, it risked demotivating the banker completely. In short, it defied common sense.

SubQuestion No : 21

**Q.21** Select the most appropriate option to fill in blank no. 1.

- Ans  1. turned  
 2. achieved  
 3. reached  
 4. arrived

Question ID : 65497842445  
Status : Answered  
Chosen Option : 4

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

A banker taped a picture, drawn by one of his small children, to his office wall. When he 1. \_\_\_\_\_ at work the next morning, he found the 2. \_\_\_\_\_ was covered by a 3. \_\_\_\_\_ notice, saying he was in 4. \_\_\_\_\_ of company policy which required personal items to be put away at night. 5. \_\_\_\_\_ a reaction was not just petty, it risked demotivating the banker completely. In short, it defied common sense.

SubQuestion No : 22

**Q.22** Select the most appropriate option to fill in blank no. 2.

- Ans  1. tape  
 2. office  
 3. child  
 4. picture

Question ID : 65497842446  
Status : Answered  
Chosen Option : 4

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

A banker taped a picture, drawn by one of his small children, to his office wall. When he 1. \_\_\_\_\_ at work the next morning, he found the 2. \_\_\_\_\_ was covered by a 3. \_\_\_\_\_ notice, saying he was in 4. \_\_\_\_\_ of company policy which required personal items to be put away at night. 5. \_\_\_\_\_ a reaction was not just petty, it risked demotivating the banker completely. In short, it defied common sense.

**SubQuestion No : 23**

**Q.23 Select the most appropriate option to fill in blank no. 3.**

- Ans**  1. substantial  
 2. large  
 3. generous  
 4. considerable

Question ID : 65497842447

Status : Answered

Chosen Option : 2

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

A banker taped a picture, drawn by one of his small children, to his office wall. When he 1. \_\_\_\_\_ at work the next morning, he found the 2. \_\_\_\_\_ was covered by a 3. \_\_\_\_\_ notice, saying he was in 4. \_\_\_\_\_ of company policy which required personal items to be put away at night. 5. \_\_\_\_\_ a reaction was not just petty, it risked demotivating the banker completely. In short, it defied common sense.

**SubQuestion No : 24**

**Q.24 Select the most appropriate option to fill in blank no. 4.**

- Ans**  1. violation  
 2. damage  
 3. interruption  
 4. disruption

Question ID : 65497842448

Status : Answered

Chosen Option : 1

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

A banker taped a picture, drawn by one of his small children, to his office wall. When he 1. \_\_\_\_\_ at work the next morning, he found the 2. \_\_\_\_\_ was covered by a 3. \_\_\_\_\_ notice, saying he was in 4. \_\_\_\_\_ of company policy which required personal items to be put away at night. 5. \_\_\_\_\_ a reaction was not just petty, it risked demotivating the banker completely. In short, it defied common sense.

**SubQuestion No : 25**

**Q.25** Select the most appropriate option to fill in blank no. 5.

- Ans  1. That  
 2. Such  
 3. This  
 4. Which

Question ID : 65497842449

Status : Answered

Chosen Option : 2

KD Job Updates

## Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate Name	
Venue Name	Alankar Mahila P.G. Mahavidyalaya
Exam Date	20/04/2022
Exam Time	9:00 AM - 10:00 AM
Subject	CGLE 2021 Tier I

### Section : General Intelligence and Reasoning

**Q.1** Select the option that is related to the third number in the same way as the second number is related to the first number.

147 : 222 :: 158 : ?

- Ans
- 1. 264
  - 2. 225
  - 3. 287
  - 4. 233

Question ID : 65497844093  
Status : Not Answered  
Chosen Option : --

**Q.2** Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

- Ans
- 1. QPJ
  - 2. YXS
  - 3. SRM
  - 4. RQL

Question ID : 65497842163  
Status : Answered  
Chosen Option : 1

**Q.3** Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Pediculate
2. Pandemonium
3. Pancytopenia
4. Panelist
5. Panegyric

- Ans
- 1. 1, 3, 2, 5, 4
  - 2. 3, 2, 5, 4, 1
  - 3. 3, 2, 4, 5, 1
  - 4. 2, 3, 5, 4, 1

Question ID : 65497844613  
Status : Answered  
Chosen Option : 2

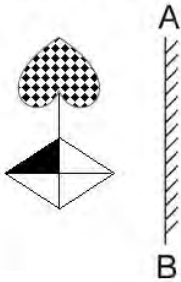
Q.4 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

LAS, NFW, MKD, OPH, LUS, ?

- Ans
- 1. NZH
  - 2. MYX
  - 3. NZW
  - 4. MXW

Question ID : 65497842060  
Status : Answered  
Chosen Option : 3

Q.5 Select the correct mirror image of the given figure when the mirror is placed at 'AB' as shown.



Ans

- 1.
- 2.
- 3.
- 4.

Question ID : 65497842284  
Status : Answered  
Chosen Option : 2



**Q.6** In a certain code language, 'FILE' is coded as 8357 and 'SINK' is coded as 9364. How will 'NIKE' be coded in that language?

- Ans
- 1. 3647
  - 2. 6473
  - 3. 6347
  - 4. 6437

Question ID : 65497844085  
Status : Not Answered  
Chosen Option : --

**Q.7** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**  
Some telephones are mobiles.  
All mobiles are tablets.  
Some tablets are laptops.

**Conclusions:**  
I. Some mobiles are laptops.  
II. All telephones are tablets.  
III. Some telephones are tablets.

- Ans
- 1. Only conclusion III follows.
  - 2. Only conclusions I and II follow.
  - 3. Only conclusion II follows.
  - 4. All conclusions I, II and III follow.

Question ID : 65497842070  
Status : Answered  
Chosen Option : 1

**Q.8** Study the given matrix carefully and select the number from among the given options that can replace the question mark (?) in it.

9 7 9  
5 4 7  
43 26 ?

- Ans
- 1. 48
  - 2. 61
  - 3. 35
  - 4. 29

Question ID : 65497842176  
Status : Answered  
Chosen Option : 2

**Q.9** Vinita and Amita are the sisters of Gaurav. Ashish is the father of Vinita. Ansh is the son of Amita. How is Ashish related to Ansh?

- Ans**
- 1. Maternal uncle
  - 2. Paternal grandfather
  - 3. Paternal uncle
  - 4. Maternal grandfather

Question ID : **65497842270**  
Status : **Answered**  
Chosen Option : **4**

**Q.10** Select the number from among the given options that can replace the question mark (?) in the following series.

38, 53, 70, 89, ?

- Ans**
- 1. 92
  - 2. 110
  - 3. 124
  - 4. 98

Question ID : **65497842172**  
Status : **Answered**  
Chosen Option : **2**

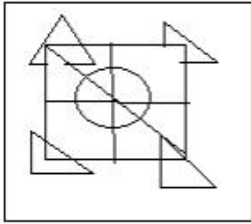
KD Job Updates

Q.11 Select the option in which the given figure is embedded (rotation is NOT allowed).

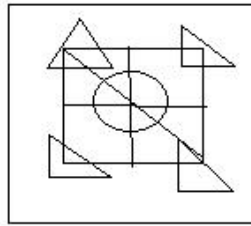


Ans

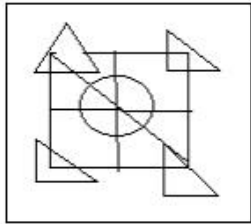
✗ 1.



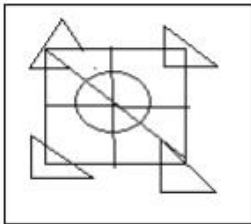
✓ 2.



✗ 3.



✗ 4.



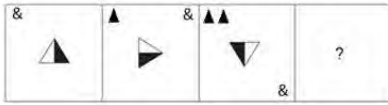
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Question ID : 65497842182

Status : Answered

Chosen Option : 2

**Q.12** Select the figure from among the given options that can replace the question mark (?) in the following series.



**Ans**

1.



2.



3.



4.



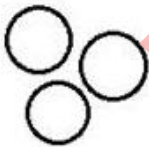
Question ID : 65497842281  
 Status : Answered  
 Chosen Option : 4

**Q.13** Select the Venn diagram that best illustrates the relationship between the following classes.

Plastic items, Buckets, Photo frames

**Ans**

1.



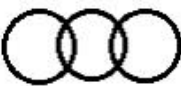
2.



3.



4.



Question ID : 65497843296  
 Status : Answered  
 Chosen Option : 4

**Q.14** Select the correct combination of mathematical signs that can sequentially replace the \* signs and make the given equation correct.

$$22 * 110 * 392 * 49 * 18 * 12$$

- Ans
- 1. =, ×, +, +, -
  - 2. +, =, +, ×, -
  - 3. +, +, =, -, ×
  - 4. =, -, +, +, ×

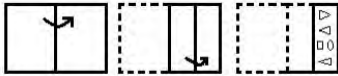
Question ID : 65497842077  
 Status : Answered  
 Chosen Option : 2

**Q.15** Prakash, Qadir, Ramesh, Saurabh and Tariq are friends. Ramesh is taller than Qadir but shorter than Saurabh. Prakash is the shortest, and Tariq is taller than Saurabh. Who is the tallest among them?

- Ans
- 1. Tariq
  - 2. Saurabh
  - 3. Qadir
  - 4. Ramesh

Question ID : 65497842271  
 Status : Answered  
 Chosen Option : 1

**Q.16** The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



- Ans
- 1.
  - 2.
  - 3.
  - 4.

Question ID : 65497844103  
 Status : Answered  
 Chosen Option : 3

Q.17 Select the option that is related to the third term in the same way as the second term is related to the first term.

CARNATIC : SBDMZDJU :: FREEDOMS : ?

- Ans  1. FSGVWTNP  
 2. FSGVXPNP  
 3. FSGUNPEV  
 4. GSFVWPEP

Question ID : 65497843275  
Status : Answered  
Chosen Option : 1

Q.18 A cube of side 18 cm is painted yellow on all the faces and then cut into smaller cubes of sides 3 cm each. Find the number of smaller cubes that have only two faces painted.

- Ans  1. 36  
 2. 48  
 3. 20  
 4. 64

Question ID : 65497842080  
Status : Answered  
Chosen Option : 2

Q.19 Which two signs need to be interchanged to make the following equation correct?

$$189 \div 27 - 3 + 29 \times 2 = 48$$

- Ans  1. - and  $\times$   
 2. - and +  
 3. + and  $\times$   
 4. + and -

Question ID : 65497842278  
Status : Answered  
Chosen Option : 1

Q.20 Select the number from among the given options that can replace the question mark (?) in the following series.

18, 34, 66, 130, ?

- Ans  1. 273  
 2. 178  
 3. 232  
 4. 258

Question ID : 65497842072  
Status : Answered  
Chosen Option : 4

Q.21 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

X \_ U \_ B \_ O \_ Z \_ X \_ U \_ B

- Ans
- 1. OXZUBOZ
  - 2. OZXUBZO
  - 3. OZXBUOZ
  - 4. OZXUBOZ

Question ID : 65497844289  
Status : Answered  
Chosen Option : 4

Q.22 In a certain code language, 'Min Fin Dig Jig' means 'Radha is an artist' and 'Sic Ric Min Dig Fin' means 'An artist is always open-minded'. Which of the following is the code for 'Radha'?

- Ans
- 1. Dig
  - 2. Fin
  - 3. Min
  - 4. Jig

Question ID : 65497842167  
Status : Answered  
Chosen Option : 4

Q.23 The radius of a circle is 90 cm. If the radius of this circle is increased to 99 cm, then what will be the percentage increase in the area of this circle?

- Ans
- 1. 22.5%
  - 2. 21%
  - 3. 25%
  - 4. 20%

Question ID : 65497843286  
Status : Answered  
Chosen Option : 2

Q.24 In a certain code language, 'NORMAL' is written as 'DIPKRO' and 'SOUND' is written as 'GKRPX'. How will 'CLUSTER' be written in that language?

- Ans
- 1. FBOOVQX
  - 2. BFOOVQX
  - 3. BFOVOXQ
  - 4. FOBOQVX

Question ID : 65497844286  
Status : Not Answered  
Chosen Option : --

**Q.25** Vijendra walks a certain distance, say X metres, from his home towards the west. Then he turns left and walks 23 metres. After that, he turns left and walks 36 metres. Then he turns left again to walk 23 metres. He finally turns left and walks 18 metres to reach his home. Find the value of X.

- Ans**
- 1. 41
  - 2. 18
  - 3. 20
  - 4. 22

Question ID : **65497844098**  
Status : **Answered**  
Chosen Option : **2**

Section : **General Awareness**

**Q.1** Which of the following Articles of the Constitution of India deal with the right to equality?

- Ans**
- 1. 14 to 18
  - 2. 25 to 28
  - 3. 19 to 22
  - 4. 23 to 24

Question ID : **65497842308**  
Status : **Answered**  
Chosen Option : **1**

**Q.2** In September 2020, Cabinet Committee on Economic Affairs (CCEA) approved increasing MSP of \_\_\_\_\_ Rabi crops for the marketing season 2021-22.

- Ans**
- 1. two
  - 2. eight
  - 3. six
  - 4. four

Question ID : **65497843300**  
Status : **Answered**  
Chosen Option : **1**

**Q.3** Which of the following events in 2018 holds the Guinness World Record as being the largest annual fundraising event in the world (as of April 2021)?

- Ans**
- 1. Patagonian International Marathon
  - 2. Schneider Electric Marathon de Paris
  - 3. London Marathon
  - 4. Baxters Loch Ness Marathon

Question ID : **65497843321**  
Status : **Not Answered**  
Chosen Option : **--**



**Q.4 Which of the following Amendment Acts of the Constitution of India abolished the privy purses and privileges of former rulers of princely states?**

- Ans**  1. 25th Amendment Act 1971  
 2. 26th Amendment Act 1971  
 3. 28th Amendment Act 1972  
 4. 27th Amendment Act 1971

Question ID : **65497844125**  
Status : **Not Answered**  
Chosen Option : --

**Q.5 In which of the following years did the Indian army free Goa from the Portuguese?**

- Ans**  1. 1956  
 2. 1959  
 3. 1961  
 4. 1967

Question ID : **65497844121**  
Status : **Answered**  
Chosen Option : 1

**Q.6 In order to prevent tooth decay safely and effectively by making use of water, it is subject to which of the following processes?**

- Ans**  1. Iodisation  
 2. Fluoridation  
 3. Carbonisation  
 4. Chlorination

Question ID : **65497843307**  
Status : **Not Answered**  
Chosen Option : --

**Q.7 The scientific name for the domestic \_\_\_\_\_ is Canis lupus familiaris.**

- Ans**  1. buffalo  
 2. cat  
 3. dog  
 4. cow

Question ID : **65497842296**  
Status : **Answered**  
Chosen Option : 3

**Q.8 A celt is \_\_\_\_\_ from the Neolithic period.**

- Ans**  1. a tomb  
 2. a house  
 3. a tool  
 4. an urn

Question ID : **65497842200**  
Status : **Not Answered**  
Chosen Option : --

Q.9 The Northeast Canyons and Seamounts Marine National Monument is located in the \_\_\_\_\_.

- Ans
- 1. Arctic Ocean
  - 2. Arabian Sea
  - 3. Atlantic Ocean
  - 4. Red Sea

Question ID : 65497842199  
Status : Not Answered  
Chosen Option : --

Q.10 GV Mavalankar was the Chairman of the \_\_\_\_\_ of the Constituent Assembly of India.

- Ans
- 1. Advisory Committee on Fundamental Rights, Minorities and Tribal and Excluded Areas
  - 2. Committee on the Functions
  - 3. Order of Business Committee
  - 4. Ad hoc Committee on the National Flag

Question ID : 65497842208  
Status : Not Answered  
Chosen Option : --

Q.11 Who among the following was nominated for the 30th GD Birla Award for Scientific Research for his/her outstanding contribution to engineering science in April 2021?

- Ans
- 1. Chandrima Saha
  - 2. Suman Chakraborty
  - 3. Sanjay Mittal
  - 4. Rajeev Kumar Varshney

Question ID : 65497843316  
Status : Answered  
Chosen Option : 4

Q.12 Who among the following was appointed as the brand ambassador of Eat. fit in March 2021?

- Ans
- 1. Devdutt Padikkal
  - 2. Virat Kohli
  - 3. Deepika Padukone
  - 4. Sonu Sood

Question ID : 65497844123  
Status : Not Answered  
Chosen Option : --

Q.13 Which of the following does NOT belong to 'Kingdom Fungi'?

- Ans
- 1. Aspergillus
  - 2. Rhizopus
  - 3. Mucor
  - 4. Euglena

Question ID : 65497842192  
Status : Not Answered  
Chosen Option : --

Q.14 The Swachh Swasth \_\_\_\_\_ is an initiative to achieve better health outcomes through improved sanitation, increased awareness and healthy lifestyles.

- Ans
- 1. Samagra
  - 2. Sansara
  - 3. Sarvatra
  - 4. Swarga

Question ID : 65497843305  
Status : Not Answered  
Chosen Option : --

Q.15 As described in 'Ain-i-Akbari' by Abul Fazl-i-Allami, 'gaz' (unit of measuring length) was divided into equal parts called \_\_\_\_\_.

- Ans
- 1. tassuj
  - 2. liksha
  - 3. rajahkan
  - 4. angul

Question ID : 65497842100  
Status : Not Answered  
Chosen Option : --

Q.16 In March 2021, Bhavani Devi became the first Indian \_\_\_\_\_ to qualify for the Olympics.

- Ans
- 1. fencer
  - 2. golfer
  - 3. boxer
  - 4. swimmer

Question ID : 65497842108  
Status : Answered  
Chosen Option : 3

Q.17 Sikandra is the final resting place of Emperor \_\_\_\_\_.

- Ans  1. Jahangir  
 2. Shah Jahan  
 3. Akbar  
 4. Humayun

Question ID : 65497842086  
Status : Not Answered  
Chosen Option : --

Q.18 Prashant Bhushan, who was a founding member of the India Against Corruption movement, is a prominent Indian \_\_\_\_\_.

- Ans  1. film director  
 2. sports commentator  
 3. lawyer  
 4. industrialist

Question ID : 65497842304  
Status : Answered  
Chosen Option : 1

Q.19 \_\_\_\_\_ is a popular folk dance of Minicoy Island.

- Ans  1. Leshalaptu  
 2. Aaluyattu  
 3. Lava  
 4. Moyashai

Question ID : 65497842186  
Status : Not Answered  
Chosen Option : --

Q.20 As per an estimate by the 'Food Waste Index Report 2021', released by the United Nations Environment Programme (UNEP) in March 2021, India wastes approximately \_\_\_\_\_ kg food per person per year.

- Ans  1. 25  
 2. 100  
 3. 50  
 4. 20

Question ID : 65497842090  
Status : Answered  
Chosen Option : 1

Q.21 Koteswar Hydroelectric Power Project is located on the river \_\_\_\_\_.

- Ans  1. Damodar  
 2. Bhagirathi  
 3. Gomti  
 4. Koshi

Question ID : 65497842298  
Status : Not Answered  
Chosen Option : --

Q.22 Which of the following is the main food crop of the semi-arid areas of central and southern India?

- Ans  1. Jowar  
 2. Maize  
 3. Bajra  
 4. Ragi

Question ID : 65497842097  
Status : Not Answered  
Chosen Option : --

Q.23 The National Rail Plan announced in the Union Budget of 2021-22 aims to create a future ready railway system by which of the following years?

- Ans  1. 2024  
 2. 2030  
 3. 2025  
 4. 2029

Question ID : 65497844107  
Status : Answered  
Chosen Option : 1

Q.24 The Union Budget 2021–22 has recommended a voluntary scrapping policy for vehicles based on fitness tests after a period of \_\_\_\_\_ years for personal vehicles.

- Ans  1. 10  
 2. 20  
 3. 15  
 4. 25

Question ID : 65497842291  
Status : Answered  
Chosen Option : 1

**Q.25** Participation in which of the following activities is NOT recommended for the motor development of a student?

- Ans**
- 1. Playing cricket
  - 2. Joining a dance class
  - 3. Attending Yoga sessions
  - 4. Helping the visually challenged

Question ID : 65497844112  
Status : Answered  
Chosen Option : 1

Section : **Quantitative Aptitude**

**Q.1** The tops of two poles of heights 18 m and 30.5 m are connected by a wire. If the wire makes an angle of  $30^\circ$  with the horizontal, what is the length (in m) of the wire?

- Ans**
- 1. 20
  - 2. 25
  - 3. 28
  - 4. 36

Question ID : 65497843342  
Status : Answered  
Chosen Option : 2

**Q.2** Study the given bar graph and answer the question that follows.

The bar graph shows the exports of cars of type A and B (in ₹ millions) from 2014 to 2018.



The total exports of cars of type A from 2014 to 2016 is approximately what percentage less than the total exports of cars of type B from 2015 to 2017 (correct to one decimal place)?

- Ans**
- 1. 10.4%
  - 2. 11.7%
  - 3. 11.3%
  - 4. 13.8%

Question ID : 65497842638  
Status : Answered  
Chosen Option : 4

**Q.3** Simplify the following expression:  
 $\operatorname{cosec}^4 A(1 - \cos^4 A) - 2 \cot^2 A - 1$

- Ans**
- 1.  $\sin^2 A$
  - 2.  $\operatorname{cosec}^2 A$
  - 3. 1
  - 4. 0

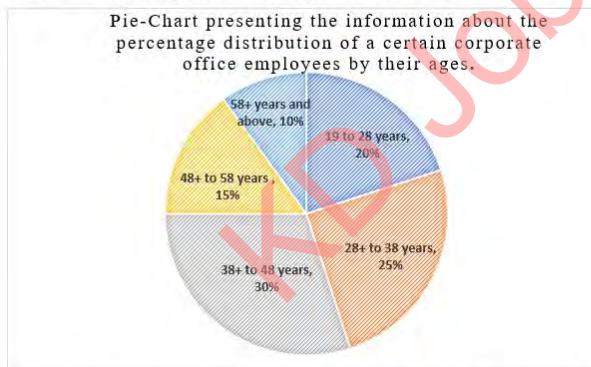
Question ID : 65497842331  
Status : Not Answered  
Chosen Option : --

**Q.4** The average of eleven consecutive positive integers is  $d$ . If the last two numbers are excluded, by how much will the average increase or decrease?

- Ans**
- 1. Will decrease by 1
  - 2. Will increase by 2
  - 3. Will decrease by 2
  - 4. Will increase by 1

Question ID : 65497843022  
Status : Answered  
Chosen Option : 1

**Q.5** The following pie chart shows the distribution of percentage of a certain corporate office employees in various age-groups.  
Total number of employees of the corporate office = 2500  
Study the chart carefully and answer the question that follows.



The number of the corporate office employees of age group of 38+ years and above is how much percentage more than that of 28+ to 38 years?

- Ans**
- 1. 80%
  - 2. 150%
  - 3. 120%
  - 4. 20%

Question ID : 65497843344  
Status : Answered  
Chosen Option : 3

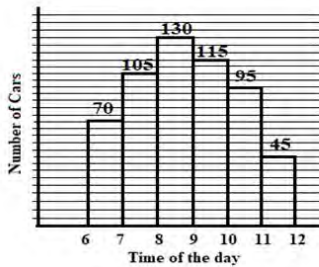
**Q.6** If  $6 \tan A (\tan A + 1) = 5 - \tan A$ , Given that  $0 < A < \frac{\pi}{2}$  what is the value of  $(\sin A + \cos A)$ ?

- Ans**
- 1.  $3\sqrt{5}$
  - 2.  $\frac{5}{\sqrt{3}}$
  - 3.  $5\sqrt{3}$
  - 4.  $\frac{3}{\sqrt{5}}$

Question ID : **65497844148**  
Status : **Answered**  
Chosen Option : **4**

**Q.7** The number of cars passing the road near a colony from 6 am to 12 noon has been shown in the following histogram.

What is the minimum change percentage in the number of cars in comparison to the previous hour? (correct to 2 decimal places)



- Ans**
- 1. 10.52%
  - 2. 11.54%
  - 3. 23.81%
  - 4. 15.25%

Question ID : **65497842235**  
Status : **Answered**  
Chosen Option : **2**

**Q.8** Points A and B are on a circle with centre O. PA and PB are tangents to the circle from an external point P. If PA and PB are inclined to each other at  $42^\circ$ , then find the measure of  $\angle OAB$ .

- Ans**
- 1.  $42^\circ$
  - 2.  $21^\circ$
  - 3.  $69^\circ$
  - 4.  $25^\circ$

Question ID : **65497842225**  
Status : **Answered**  
Chosen Option : **2**



**Q.9** A college hostel mess has provisions for 25 days for 350 boys. At the end of 10 days, when some boys were shifted to another hostel, it was found that now the provisions will last for 21 more days. How many boys were shifted to another hostel?

- Ans**
- 1. 92
  - 2. 110
  - 3. 98
  - 4. 100

Question ID : 65497842321  
Status : Answered  
Chosen Option : 4

**Q.10** If  $\left(0.4x + \frac{1}{x}\right) = 5$ , what is the value of  $\left(0.064x^3 + \frac{1}{x^3}\right)$  ?

- Ans**
- 1. 125
  - 2. 110
  - 3. 119
  - 4. 105

Question ID : 65497844143  
Status : Answered  
Chosen Option : 3

**Q.11** Manjeet bought a second-hand motorbike for ₹22,000 and spent ₹3,000 on its overhauling and maintenance. He then sold it with 12% profit. If he had sold it for ₹500 less, then what would have been his profit percentage?

- Ans**
- 1. 10.5%
  - 2. 10%
  - 3. 5%
  - 4. 8%

Question ID : 65497842318  
Status : Answered  
Chosen Option : 2

**Q.12** The difference between compound interest compounded annually and simple interest on a certain sum at a rate of 15% per annum for 2 years is ₹1,944. Find the compound interest compounded annually (in ₹) on the same sum for the same period at a rate of 10% per annum.

- Ans**
- 1. 27,216
  - 2. 18,060
  - 3. 18,144
  - 4. 20,500

Question ID : 65497842219  
Status : Not Answered  
Chosen Option : --

**Q.13** A shopkeeper allows a 28% discount on the marked price of an article and still makes a profit of 20%. If he gains ₹30.80 on the sale of one article, then what is the selling price (in ₹) of the article?

- Ans**
- 1. 184.80
  - 2. 174.80
  - 3. 164.30
  - 4. 154.00

Question ID : 65497842922  
Status : Answered  
Chosen Option : 1

**Q.14** The inner circumference of a circular path enclosed between two concentric circles is 264 m. The uniform width of the circular path is 3 m. What is the area (in  $m^2$ , to the nearest whole number) of the path? (Take  $\pi = \frac{22}{7}$ )

- Ans**
- 1. 696
  - 2. 756
  - 3. 820
  - 4. 948

Question ID : 65497843030  
Status : Answered  
Chosen Option : 3

**Q.15** A triangle with the lengths of its sides proportional to the numbers 7, 24 and 30 is:

- Ans**
- 1. acute angled
  - 2. obtuse angled
  - 3. not possible
  - 4. right angled

Question ID : 65497844146  
Status : Answered  
Chosen Option : 4

**Q.16** 80% and 90% pure acid solutions are mixed to obtain 20 litres of 87% pure acid solution. Find the quantity (in litres) of 80% pure acid solution taken to form the mixture.

- Ans**
- 1. 4
  - 2. 8
  - 3. 6
  - 4. 9

Question ID : 65497842115  
Status : Answered  
Chosen Option : 3

**Q.17** In a circle with centre O, PA and PB are tangents to the circle at point A and point B, respectively. C is a point on the major arc AB. If  $\angle ACB = 50^\circ$ , then find the measure of  $\angle APB$ .

- Ans**
- 1.  $100^\circ$
  - 2.  $90^\circ$
  - 3.  $80^\circ$
  - 4.  $50^\circ$

Question ID : **65497842125**  
Status : **Answered**  
Chosen Option : **3**

**Q.18** In a right triangle ABC, right angled at B, altitude BD is drawn to the hypotenuse AC of the triangle. If AD = 6 cm, CD = 5 cm, then find the value of  $AB^2 + BD^2$  (in cm).

- Ans**
- 1. 30
  - 2. 96
  - 3. 36
  - 4. 66

Question ID : **65497842329**  
Status : **Not Attempted and Marked For Review**  
Chosen Option : --

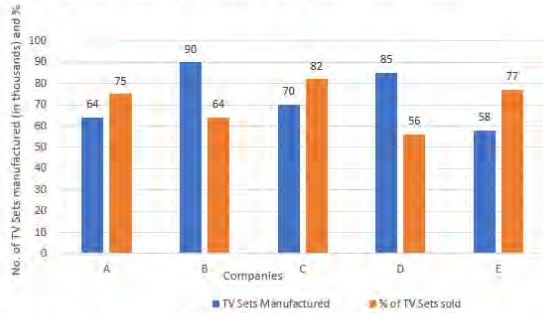
**Q.19** Numbers A and B are 0% and 50%, respectively, more than the number C. The ratio of A to that of B is:

- Ans**
- 1. 4 : 5
  - 2. 13 : 15
  - 3. 15 : 13
  - 4. 5 : 4

Question ID : **65497844137**  
Status : **Not Answered**  
Chosen Option : --

**Q.20** The given bar chart represents the number of Televisions Sets (TV) manufactured (in thousands) and the respective percentage of those TV Sets sold by five different companies A, B, C, D and E in 2015.

Study the chart carefully and answer the question that follows.



The average number of TV sets sold by companies C and D is what percentage of the number of TV sets manufactured by company E? Express your answer correct to one place of decimal.

- Ans**
- 1. 86.5%
  - 2. 92.2%
  - 3. 90.5%
  - 4. 89.1%

Question ID : 65497843242  
 Status : Not Answered  
 Chosen Option : --

**Q.21** If  $x^2 + \frac{1}{x^2} = 18, x > 0$ , then find the value of  $x^3 + \frac{1}{x^3}$ .

- Ans**
- 1. 52
  - 2.  $17\sqrt{5}$
  - 3.  $34\sqrt{5}$
  - 4.  $46\sqrt{5}$

Question ID : 65497842324  
 Status : Answered  
 Chosen Option : 3

**Q.22** The value of:

$$[25 + 8 \div 2 - \{16 + (14 \text{ of } 7 \div 14) - (18 \div 12 \text{ of } \frac{1}{2})\}] = ?$$

- Ans**
- 1. 12
  - 2. 6
  - 3. 9
  - 4. 3

Question ID : 65497843324  
 Status : Answered  
 Chosen Option : 3

**Q.23** Find the value of k in the number 3426k if the number is divisible by 6 but NOT divisible by 5.

- Ans**
- 1. 4
  - 2. 6
  - 3. 3
  - 4. 9

Question ID : **65497842110**  
Status : **Answered**  
Chosen Option : **2**

**Q.24** Ram travelled from a place Z to P at an average speed of 130 km/h. He travelled the first 75% of the distance in two-third of the time and the rest at an average speed of X km/h. The value of  $\frac{X}{2}$  is:

- Ans**
- 1. 51
  - 2. 48.75
  - 3. 97.5
  - 4. 19.25

Question ID : **65497844140**  
Status : **Not Attempted and Marked For Review**  
Chosen Option : --

**Q.25** What is the least square number which is exactly divisible by 2, 3, 10, 18 and 20?

- Ans**
- 1. 900
  - 2. 180
  - 3. 196
  - 4. 30

Question ID : **65497843323**  
Status : **Answered**  
Chosen Option : **1**

Section : **English Comprehension**

**Q.1** Identify the segment in the sentence which contains a grammatical error.

**My friends are gone on a trip to Goa today.**

- Ans**
- 1. My friends
  - 2. are gone
  - 3. on a trip
  - 4. to Goa today

Question ID : **65497844157**  
Status : **Answered**  
Chosen Option : **2**

**Q.2** Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

As I am hearing the lecture it reminded me of a book I had read two years ago.

- Ans**
- 1. As I have heard
  - 2. When I hear
  - 3. As I heard
  - 4. No substitution required

Question ID : 65497842148  
Status : Answered  
Chosen Option : 3

**Q.3** Select the most appropriate ANTONYM of the given word.

**Brittle**

- Ans**
- 1. Frail
  - 2. Fragile
  - 3. Durable
  - 4. Crumbling

Question ID : 65497842153  
Status : Answered  
Chosen Option : 3

**Q.4** Select the most appropriate meaning of the given idiom.

**Smooth sailing**

- Ans**
- 1. Easy progress
  - 2. Calm weather
  - 3. Comfortable place
  - 4. Plain dress

Question ID : 65497842257  
Status : Answered  
Chosen Option : 1

**Q.5** Select the option that expresses the given sentence in passive voice.

**Ask him to leave the room.**

- Ans**
- 1. He should be ask to leave the room.
  - 2. He should be asked to leave the room.
  - 3. He should be asking to leave the room.
  - 4. He should have been asked to leave the room.

Question ID : 65497844160  
Status : Answered  
Chosen Option : 2

**Q.6** The following sentence has been split into segments. One of them may contain an error. Identify the segment that contains a grammatical error. If you don't find any error, mark 'No error' as your answer.

Sunil refused to / attend the meeting / of association on Saturday.

- Ans**
- 1. No error
  - 2. Sunil refused to
  - 3. of association on Saturday
  - 4. attend the meeting

Question ID : 65497842239  
Status : Answered  
Chosen Option : 3

**Q.7** Select the most appropriate synonym of the given word.

Saucy

- Ans**
- 1. Tasty
  - 2. Polite
  - 3. Smooth
  - 4. Cheeky

Question ID : 65497843363  
Status : Answered  
Chosen Option : 4

**Q.8** Select the most appropriate ANTONYM of the given word.

Pliable

- Ans**
- 1. Even
  - 2. Smooth
  - 3. Bending
  - 4. Rigid

Question ID : 65497842255  
Status : Answered  
Chosen Option : 4

**Q.9** The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

This hall is / badly to need / of repair.

- Ans**
- 1. badly to need
  - 2. No error
  - 3. This hall is
  - 4. of repair

Question ID : 65497842035  
Status : Answered  
Chosen Option : 1

**Q.10** Select the option that can be used as a one-word substitute for the given group of words.

**Easily hurt emotionally**

- Ans**  1. Senseless  
 2. Sensible  
 3. Incensed  
 4. Sensitive

Question ID : 65497842360  
Status : Answered  
Chosen Option : 4

**Q.11** Identify the segment in the sentence which contains the grammatical error.

**Alex picked up the boxes quite easily even they were heavy.**

- Ans**  1. the boxes  
 2. quite easily  
 3. even they were heavy  
 4. Alex picked up

Question ID : 65497843347  
Status : Answered  
Chosen Option : 3

**Q.12** Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

**This is one of the most remarkable cases** of all others.

- Ans**  1. No substitution required  
 2. of all  
 3. of other all  
 4. all of others

Question ID : 65497843361  
Status : Answered  
Chosen Option : 2

**Q.13** Select the most appropriate option to fill in the blank.

**The latest \_\_\_\_\_ I have bought is a dishwasher.**

- Ans**  1. apparatus  
 2. implement  
 3. gadget  
 4. tool

Question ID : 65497842362  
Status : Answered  
Chosen Option : 4



**Q.14** Given below are four sentences which are jumbled. Pick the option that gives their correct order.

- A. The sectors included agriculture, public health and public utilities among others.
- B. The GGI framework covered 10 sectors and 58 Industries.
- C. The Good Governance Index (GGI) 2021 scores have been declared.
- D. The objective was to provide quantifiable data to compare the performance of different States and Union Territories in these sectors.

- Ans
- 1. CADB
  - 2. CBAD
  - 3. ABDC
  - 4. BACD

Question ID : 65497843362  
Status : Answered  
Chosen Option : 2

**Q.15** Select the option that can be used as a one-word substitute for the given group of words.

**A group of people**

- Ans
- 1. Crowd
  - 2. Herd
  - 3. Flock
  - 4. Brood

Question ID : 65497844177  
Status : Answered  
Chosen Option : 1

**Q.16** Select the most appropriate synonym of the given word.

**Robust**

- Ans
- 1. sturdy
  - 2. small
  - 3. round
  - 4. weak

Question ID : 65497844172  
Status : Answered  
Chosen Option : 1

**Q.17** Select the option that expresses the given sentence in passive voice.

**She is holding free classes for the poor.**

- Ans
- 1. Free classes are being held by the poor for her.
  - 2. The poor are holding free classes for her.
  - 3. Free classes are being held for the poor by her.
  - 4. Free classes have been held for the poor by her.

Question ID : 65497843351  
Status : Answered  
Chosen Option : 3

**Q.18 Select the INCORRECTLY spelt word.**

- Ans  1. Necessary  
 2. Begginig  
 3. Irrelevant  
 4. Location

Question ID : 65497844179  
Status : Answered  
Chosen Option : 2

**Q.19 Select the most appropriate meaning of the given idiom.**

**On purpose**

- Ans  1. Intentionally  
 2. Accidentally  
 3. Luckily  
 4. Mischievously

Question ID : 65497842155  
Status : Answered  
Chosen Option : 1

**Q.20 Select the option that expresses the given sentence in indirect speech.**

**She said to him, "May God shower His choicest blessings on you!"**

- Ans  1. She wished that God may shower His choicest blessings on you.  
 2. She wished that may God shower your choicest blessings on Him.  
 3. She wished that God might shower His choicest blessings on you.  
 4. She wished that God might shower His choicest blessings on him.

Question ID : 65497842248  
Status : Answered  
Chosen Option : 4

**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

I decided to stay away from television (1) \_\_\_\_\_ a whole year. After a week, I started feeling (2) \_\_\_\_\_. But, my friend Bess cheered me up. She (3) \_\_\_\_\_ me every day and would take me places. It was (4) \_\_\_\_\_ how much fun we had without TV. My life had become more (5) \_\_\_\_\_ without the good old idiot box.

**SubQuestion No : 21**

**Q.21 Select the most appropriate option to fill in the blank no. 1.**

- Ans  1. for  
 2. to  
 3. since  
 4. from

Question ID : 65497842344  
Status : Answered  
Chosen Option : 1

**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

I decided to stay away from television (1) \_\_\_\_\_ a whole year. After a week, I started feeling (2) \_\_\_\_\_. But, my friend Bess cheered me up. She (3) \_\_\_\_\_ me every day and would take me places. It was (4) \_\_\_\_\_ how much fun we had without TV. My life had become more (5) \_\_\_\_\_ without the good old idiot box.

**SubQuestion No : 22**

**Q.22 Select the most appropriate option to fill in the blank no. 2**

**Ans**  1. depressed

2. devoted

3. delighted

4. deceived

Question ID : 65497842345  
Status : Answered  
Chosen Option : 1

**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

I decided to stay away from television (1) \_\_\_\_\_ a whole year. After a week, I started feeling (2) \_\_\_\_\_. But, my friend Bess cheered me up. She (3) \_\_\_\_\_ me every day and would take me places. It was (4) \_\_\_\_\_ how much fun we had without TV. My life had become more (5) \_\_\_\_\_ without the good old idiot box.

**SubQuestion No : 23**

**Q.23 Select the most appropriate option to fill in the blank no. 3**

**Ans**  1. thanked

2. requested

3. encouraged

4. attended

Question ID : 65497842346  
Status : Answered  
Chosen Option : 3

**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

I decided to stay away from television (1) \_\_\_\_\_ a whole year. After a week, I started feeling (2) \_\_\_\_\_. But, my friend Bess cheered me up. She (3) \_\_\_\_\_ me every day and would take me places. It was (4) \_\_\_\_\_ how much fun we had without TV. My life had become more (5) \_\_\_\_\_ without the good old idiot box.

**SubQuestion No : 24**

**Q.24 Select the most appropriate option to fill in the blank no. 4**

**Ans**  1. unbelievable

2. unhealthy

3. unlucky

4. unlimited

Question ID : 65497842347  
Status : Answered  
Chosen Option : 1

**Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

I decided to stay away from television (1) \_\_\_\_\_ a whole year. After a week, I started feeling (2) \_\_\_\_\_. But, my friend Bess cheered me up. She (3) \_\_\_\_\_ me every day and would take me places. It was (4) \_\_\_\_\_ how much fun we had without TV. My life had become more (5) \_\_\_\_\_ without the good old idiot box.

**SubQuestion No : 25**

**Q.25 Select the most appropriate option to fill in the blank no. 5**

**Ans**  1. certain

2. exciting

3. boring

4. popular

Question ID : **65497842348**

Status : **Answered**

Chosen Option : **2**

KD Job Updates

## Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate Name	
Venue Name	Webinfotron Technologies Pvt. Ltd.
Exam Date	20/04/2022
Exam Time	12:30 PM - 1:30 PM
Subject	CGLE 2021 Tier I

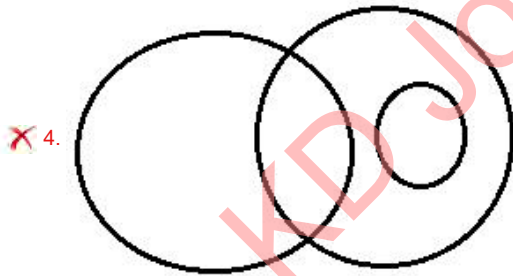
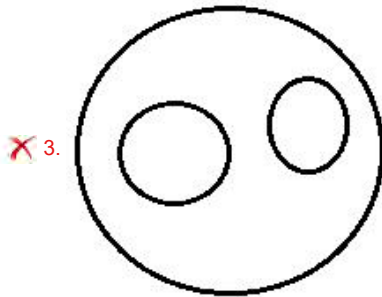
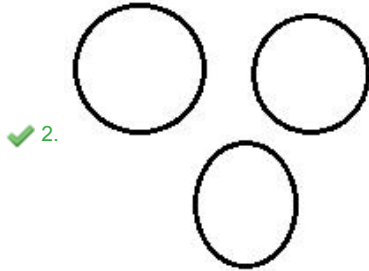
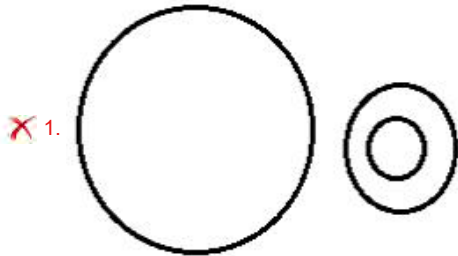
Section : **General Intelligence and Reasoning**

KD Job Updates

Q.1 Select the Venn diagram that best represents the relationship between the following.

Planet, Sun, Moon

Ans



Question ID : 65497842488

Status : Answered

Chosen Option : 1

**Q.2** Eight friends, P, Q, R, S, T, U, V and W, are sitting clockwise in the same order around a circular table at equal distances between them, facing the centre of the table. If S is sitting in the west, then who is sitting in the south-west direction?

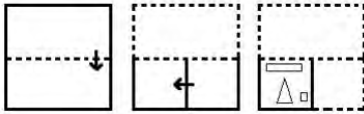
- Ans
- 1. T
  - 2. R
  - 3. V
  - 4. P

Question ID : 65497843281

Status : Not Attempted and Marked For Review

Chosen Option : --

**Q.3** The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



Ans

- 1.
- 2.
- 3.
- 4.

Question ID : 65497843396

Status : Answered

Chosen Option : 3

**Q.4** Select the option in which the two numbers are related in the same way as are the two numbers of the following number-pair.

24 : 648

- Ans  1. 25 : 652  
 2. 22 : 550  
 3. 20 : 421  
 4. 26 : 654

Question ID : 65497843386  
Status : Answered  
Chosen Option : 2

**Q.5** 390625 is at which position in the series 5, 25, 125, 625, \_\_\_\_\_?

- Ans  1. 10th  
 2. 8th  
 3. 9th  
 4. 7th

Question ID : 65497844394  
Status : Answered  
Chosen Option : 2

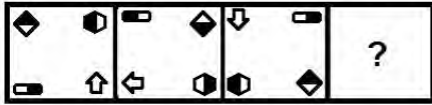
**Q.6** Zainab is standing facing a particular direction initially. Then she turns  $90^\circ$  clockwise, after that she turns  $180^\circ$  anticlockwise. Then she turns  $135^\circ$  anticlockwise. She finally turns  $180^\circ$  clockwise. Now she is facing the north-east direction. In which direction was Zainab facing initially before taking any turns?

- Ans  1. South  
 2. East  
 3. West  
 4. North-west

Question ID : 65497843391  
Status : Not Attempted and Marked For Review  
Chosen Option : --

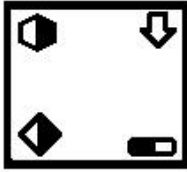


Q.7 Select the figure from among the given options that can replace the question mark (?) in the following series.

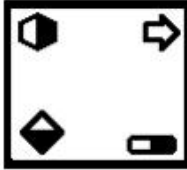


Ans

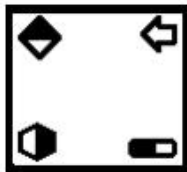
1.



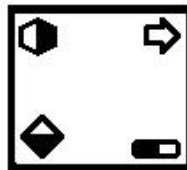
2.



3.



4.



Question ID : 65497843291  
Status : Answered  
Chosen Option : 4

Q.8 If the numbers '18' and '30' are interchanged, then which of the following equations can be correctly balanced?

Ans  1.  $35 \div 5 \times 5 + 30 - 18 = 23$

2.  $14 \times 5 - 18 + 6 + 30 = 73$

3.  $64 + 18 \times 5 + 3 - 30 = 98$

4.  $12 - 30 \times 18 \div 3 + 16 = 174$

Question ID : 65497843693  
Status : Answered  
Chosen Option : 1

Q.9 In a coaching institute, the number of students in class 10 is  $\frac{1}{3}$  more than the number of students in class 12. If the total number of students of class 10 and class 12 in the institute is 112, find the number of students in class 10 in that institute.

Ans  1. 64

2. 52

3. 48

4. 70

Question ID : 65497842478  
Status : Answered  
Chosen Option : 1

Q.10 Select the correct combination of mathematical signs that can sequentially replace the \* signs and balance the given equation.

$$84 * 42 * 7 * 5 * 21 * 93$$

- Ans  1.  $\times, +, +, -, =$   
 2.  $+, +, \times, -, =$   
 3.  $+, +, -, \times, =$   
 4.  $\div, +, \times, -, =$

Question ID : 65497843288  
Status : Answered  
Chosen Option : 2

Q.11 Pointing towards a boy, Shalini said, "He is my daughter's father's wife's father's wife's only son". How is Shalini related to the boy?

- Ans  1. Daughter-in-law  
 2. Daughter  
 3. Sister  
 4. Sister-in-law

Question ID : 65497843280  
Status : Answered  
Chosen Option : 3

Q.12 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

TMDS, PHXL, LCRE, HXLX, ?, ZNZJ

- Ans  1. DSFQ  
 2. DSFR  
 3. DRGQ  
 4. ESFQ

Question ID : 65497843676  
Status : Answered  
Chosen Option : 1

Q.13 In a certain code language, 'NAILS' is written as 'PYGNU', and 'TEXT' is written as 'VCZV'. How will 'FOREST' be written in that language?

- Ans  1. HMTCUV  
 2. HMNUCV  
 3. HQTGUV  
 4. DMPCUU

Question ID : 65497843276  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.14 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Disaster
2. Disappointment
3. Discharge
4. Disappear
5. Disadvantage
6. Disarticulate

- Ans
- 1. 5, 4, 2, 1, 6, 3
  - 2. 5, 2, 4, 6, 1, 3
  - 3. 5, 2, 4, 1, 6, 3
  - 4. 5, 4, 2, 6, 1, 3

Question ID : 65497844384  
Status : Answered  
Chosen Option : 4

Q.15 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

8 6 76  
12 10 ?  
7 13 113

- Ans
- 1. 117
  - 2. 120
  - 3. 128
  - 4. 110

Question ID : 65497844398  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.16 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

3 4 6 5 1 2



- Ans
- 1. 3 4 6 2 1 5
  - 2. 3 4 6 2 1 5
  - 3. 3 4 6 2 1 5
  - 4. 3 4 6 5 1 2

Question ID : 65497843294  
Status : Answered  
Chosen Option : 2

Q.17 Four letter-clusters have been given out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

- Ans  1. WTGD  
 2. FCXB  
 3. MJQN  
 4. KHSP

Question ID : 65497844385  
Status : Answered  
Chosen Option : 2

Q.18 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

FPD : UKI :: LWP : ?

- Ans  1. PUX  
 2. PHV  
 3. ODU  
 4. ODT

Question ID : 65497842467  
Status : Answered  
Chosen Option : 3

Q.19 Select the number from among the given options that can replace the question mark (?) in the following series.

32, 34, 43, 71, 136, ?

- Ans  1. 149  
 2. 277  
 3. 188  
 4. 262

Question ID : 65497843688  
Status : Answered  
Chosen Option : 4

Q.20 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

T \_ X T U \_ \_ U X T \_ X

- Ans  1. U X T U  
 2. T U U X  
 3. T X X U  
 4. X T U X

Question ID : 65497843279  
Status : Answered  
Chosen Option : 1

Q.21 In a certain code language, 'MOST' is written as '134' and 'FUR' is written as '90'. How will 'SUCCESS' be written in that language?

- Ans
- 1. 89
  - 2. 178
  - 3. 215
  - 4. 175

Question ID : 65497843378  
Status : Answered  
Chosen Option : 2

Q.22 Select the option in which the given figure is embedded (rotation is NOT allowed).



Ans

- 1.
- 2.
- 3.
- 4.

Question ID : 65497844404  
Status : Answered  
Chosen Option : 2

Q.23 If 'white' is called 'bird', 'bird' is called 'mercury', 'mercury' is called 'curd', 'curd' is called 'detergent' and 'detergent' is called 'white', then which of the following is used in 'thermometers'?

- Ans
- 1. curd
  - 2. mercury
  - 3. white
  - 4. detergent

Question ID : 65497844389  
Status : Answered  
Chosen Option : 1

**Q.24** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

Some girls are engineers.

All engineers are soldiers.

No doctor is a girl.

**Conclusions:**

I. No soldier is a girl.

II. No girl is an engineer.

III. Some soldiers are engineers.

**Ans**  1. Only conclusions I and III follow.

2. Only conclusion III follows.

3. Only conclusion II follows.

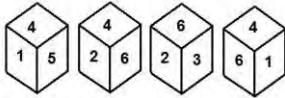
4. All the conclusions follow.

Question ID : 65497843686

Status : Answered

Chosen Option : 2

**Q.25** Four different positions of the same dice are shown, the six faces of which are numbered from 1 to 6. Select the number that will be on the face opposite to the face having the number '5'.



**Ans**  1. 3

2. 2

3. 1

4. 6

Question ID : 65497843696

Status : Answered

Chosen Option : 4

Section : General Awareness

**Q.1** In March 2021, cricketer Kieron Pollard hit six sixes in an over in a match against \_\_\_\_\_.

**Ans**  1. Australia

2. West Indies

3. New Zealand

4. Sri Lanka

Question ID : 65497843724

Status : Answered

Chosen Option : 4

**Q.2** The festival of Durga Puja is observed to celebrate the triumph of Goddess Durga over \_\_\_\_\_.

- Ans**
- 1. Jarasandha
  - 2. Ravana
  - 3. Hiranyakashipu
  - 4. Mahishasura

Question ID : **65497843702**  
Status : **Not Answered**  
Chosen Option : --

**Q.3** According to the Census of 2011, which of the following states has the highest density of population per km<sup>2</sup>?

- Ans**
- 1. Gujarat
  - 2. Goa
  - 3. Jharkhand
  - 4. Maharashtra

Question ID : **65497843308**  
Status : **Answered**  
Chosen Option : 4

**Q.4** In which discipline is the Bidhan Chandra Roy Award given?

- Ans**
- 1. Law
  - 2. Architecture
  - 3. Sports
  - 4. Medicine

Question ID : **65497842508**  
Status : **Not Answered**  
Chosen Option : --

**Q.5** The \_\_\_\_\_ lies above the mesopause and is a region in which temperatures increase with height.

- Ans**
- 1. stratosphere
  - 2. exosphere
  - 3. thermosphere
  - 4. troposphere

Question ID : **65497842499**  
Status : **Not Answered**  
Chosen Option : --

**Q.6** Kelucharan Mohapatra was an exponent of which of the following categories of dance?

- Ans**
- 1. Manipuri
  - 2. Bharatanatyam
  - 3. Kuchipudi
  - 4. Odissi

Question ID : **65497844408**  
Status : **Answered**  
Chosen Option : **4**

**Q.7** \_\_\_\_\_ is a disorder resulting in abnormal electrical discharges from the brain cells causing seizures.

- Ans**
- 1. Prostatitis
  - 2. Hypoglycaemia
  - 3. Epilepsy
  - 4. Rheumatoid arthritis

Question ID : **65497843706**  
Status : **Not Answered**  
Chosen Option : **--**

**Q.8** Who among the following is the author of the book 'Unfinished : A Memoir'?

- Ans**
- 1. Katrina Kaif
  - 2. Deepika Padukone
  - 3. Priyanka Chopra Jonas
  - 4. Alia Bhatt

Question ID : **65497843416**  
Status : **Answered**  
Chosen Option : **3**

**Q.9** Who among the following is the author of the book 'Unaccustomed Earth'?

- Ans**
- 1. Arundhati Roy
  - 2. Anita Nair
  - 3. Jhumpa Lahiri
  - 4. Shobha De

Question ID : **65497843314**  
Status : **Not Answered**  
Chosen Option : **--**



Q.10 Which of the following Sustainable Development Goals ensures availability and sustainable management of water and sanitation for all?

- Ans
- 1. SDG 5
  - 2. SDG 6
  - 3. SDG 4
  - 4. SDG 7

Question ID : 65497843306  
Status : Not Answered  
Chosen Option : --

Q.11 Which of the following states was allocated the highest budget for highway projects in Union Budget 2021-22?

- Ans
- 1. Kerala
  - 2. West Bengal
  - 3. Tamil Nadu
  - 4. Assam

Question ID : 65497843301  
Status : Not Answered  
Chosen Option : --

Q.12 The expected returns to farmers by way of MSP (Minimum Support Price) over their cost of production for barley for marketing season 2021–22 is estimated at \_\_\_\_\_.

- Ans
- 1. 50%
  - 2. 65%
  - 3. 106%
  - 4. 93%

Question ID : 65497842492  
Status : Not Answered  
Chosen Option : --

Q.13 Bacille Calmette-Guérin (BCG) is a vaccine for \_\_\_\_\_.

- Ans
- 1. typhoid
  - 2. plague
  - 3. mumps
  - 4. tuberculosis (TB)

Question ID : 65497844414  
Status : Answered  
Chosen Option : 4

Q.14 An amendment to the Right to Information Act 2005 proposing that the Chief Information Commissioner and Information Commissioners be appointed 'for such term as may be prescribed by the Central Government' was passed in the year \_\_\_\_\_.

- Ans  1. 2017  
 2. 2014  
 3. 2016  
 4. 2019

Question ID : 65497843418  
Status : Answered  
Chosen Option : 4

Q.15 Which of the following is the LEAST visible form of land erosion?

- Ans  1. Gully erosion  
 2. Ravine formation  
 3. Sheet erosion  
 4. Landslides

Question ID : 65497843713  
Status : Answered  
Chosen Option : 1

Q.16 The branch of horticulture which deals with the production, storage, processing and marketing of vegetables is called \_\_\_\_\_.

- Ans  1. pomology  
 2. agronomy  
 3. olericulture  
 4. apiculture

Question ID : 65497844421  
Status : Not Answered  
Chosen Option : --

Q.17 Who among the following was a contributor to the subject of medicine in ancient India?

- Ans  1. Harsha  
 2. Bhasa  
 3. Charaka  
 4. Panini

Question ID : 65497843716  
Status : Answered  
Chosen Option : 3

Q.18 Which of the following is a carnivorous plant?

- Ans  1. Clarkia  
 2. Drosera  
 3. Hollyhock  
 4. Alyssum

Question ID : 65497842497  
Status : Not Answered  
Chosen Option : --

Q.19 The Mughal court chronicles are written in \_\_\_\_\_.

- Ans  1. Arabic  
 2. Persian  
 3. Turkish  
 4. Urdu

Question ID : 65497844422  
Status : Answered  
Chosen Option : 2

Q.20 The salary and allowances of leaders of opposition in parliament are governed by the Act passed for the first time by the parliament in the year \_\_\_\_\_.

- Ans  1. 1972  
 2. 1982  
 3. 1977  
 4. 1979

Question ID : 65497843318  
Status : Not Answered  
Chosen Option : --

Q.21 Si-yu-ki or 'The Records of the Western World' was written by:

- Ans  1. Marco Polo  
 2. Fa-Hien  
 3. Abdur Razzak  
 4. Hiuen Tsiang

Question ID : 65497843414  
Status : Answered  
Chosen Option : 4

Q.22 The Regional Rural Banks were established on the recommendations of the \_\_\_\_\_ on Rural Credit.

- Ans  1. Rekhi Committee  
 2. Kelkar Committee  
 3. Tandon Committee  
 4. Narsimha Committee

Question ID : 65497843400  
Status : Not Answered  
Chosen Option : --

Q.23 In the 2020–21 season, each NBA team played \_\_\_\_\_ regular-season games.

Ans  1. 72

2. 86

3. 68

4. 94

Question ID : 65497842513  
Status : Not Answered  
Chosen Option : --

Q.24 With reference to no-confidence motion, which of the following statements is INCORRECT?

Ans  1. If it is passed in the Lok Sabha, the council of ministers must resign from office.

2. It is moved for ascertaining the confidence of Lok Sabha in the council of ministers.

3. It can be moved against the entire council of ministers only.

4. It should state the reasons for its adoption in the Lok Sabha.

Question ID : 65497844430  
Status : Answered  
Chosen Option : 3

Q.25 The rate of doing work is called:

Ans  1. impulse

2. force

3. power

4. energy

Question ID : 65497843405  
Status : Answered  
Chosen Option : 3

Section : Quantitative Aptitude

Q.1 If  $\tan B = \frac{5}{3}$ , what is the value of  $\frac{\operatorname{cosec} B + \sin B}{\cos B - \sec B}$ ?

Ans  1.  $-\frac{177}{125}$

2.  $-\frac{59}{15}$

3.  $\frac{59}{15}$

4.  $\frac{177}{125}$

Question ID : 65497843341  
Status : Answered  
Chosen Option : 1

Q.2

If  $\sqrt{x} - \frac{1}{\sqrt{x}} = \sqrt{5}$ ,  $x \neq 0$ , then what is the value of  $\frac{(x^4 + \frac{1}{x^2})}{(x^2 + 1)}$ ?

- Ans
- 1. 42
  - 2. 44
  - 3. 48
  - 4. 46

Question ID : 65497843436  
Status : Answered  
Chosen Option : 4

Q.3 If the number  $48k2048p6$  is divisible by 99, then  $(k \times p)$  is equal to:

- Ans
- 1. 2
  - 2. 6
  - 3. 4
  - 4. 0

Question ID : 65497843726  
Status : Answered  
Chosen Option : 4

Q.4 The simple interest on a sum of money at 10% per annum for 4 years is ₹3,200. What will be the amount (in ₹) of the same sum for the same period at the same rate of interest when the interest is compounded annually?

- Ans
- 1. 11,217.80
  - 2. 11,172.80
  - 3. 11,127.80
  - 4. 11,712.80

Question ID : 65497844441  
Status : Answered  
Chosen Option : 4

Q.5 A shopkeeper offers a discount of 18% on a machine and sells it for ₹48,380. If he does not offer the discount, he will get a profit of 18%. What is the cost price (in ₹) of the machine?

- Ans
- 1. 50,000
  - 2. 48,500
  - 3. 55,000
  - 4. 59,000

Question ID : 65497844650  
Status : Answered  
Chosen Option : 1

**Q.6** In triangle ABC, X and Y are the points on sides AB and AC, respectively, such that XY is parallel to BC. If  $XY : BC = 2.5 : 7$ , what is the ratio of the area of the trapezium BCYX to that of the  $\Delta AXY$ ?

- Ans**
- 1.  $\frac{25}{171}$
  - 2.  $\frac{25}{196}$
  - 3.  $\frac{196}{25}$
  - 4.  $\frac{171}{25}$

Question ID : **65497843339**  
Status : **Answered**  
Chosen Option : **4**

**Q.7** A, B and C divide an amount of ₹10,500 amongst themselves in the ratio 5 : 7 : 9, respectively. If each one gets ₹500 more, then what will be the ratio of the amounts with A, B and C?

- Ans**
- 1. 5 : 7 : 9
  - 2. 3 : 4 : 5
  - 3. 7 : 9 : 11
  - 4. 5 : 6 : 7

Question ID : **65497843430**  
Status : **Answered**  
Chosen Option : **2**

**Q.8** The value of

$$25 \div 10 - \left(\frac{7}{4} \times \frac{1}{3}\right) \text{ of } \frac{6}{5} + \frac{14}{3} \times \frac{9}{10} + \left(\frac{1}{5} \div \frac{1}{25}\right) \text{ is:}$$

- Ans**
- 1. 11
  - 2. 7
  - 3. 15
  - 4. 9

Question ID : **65497842516**  
Status : **Answered**  
Chosen Option : **1**

**Q.9** A and B are two points on the same side of a ground, 50 metres apart. The angles of elevation of these points to the top of a tree are  $60^\circ$  and  $30^\circ$ , respectively. What is 40% of the height of the tree (in m)?

- Ans**
- 1.  $10\sqrt{3}$
  - 2.  $15\sqrt{3}$
  - 3.  $5\sqrt{3}$
  - 4.  $25\sqrt{3}$

Question ID : **65497842534**  
Status : **Answered**  
Chosen Option : **1**

**Q.10** Study the given pie chart and answer the question that follows.

The pie chart shows the breakup of the total number of employees of a company working in different offices (A to E), in degrees. The total number of employees = 3600.



If the percentage of male employees in office C is 20% and that of female employees in office D is 40%, then what is the ratio of the number of female employees in office D to that of female employees in office C?

- Ans**
- 1. 3 : 8
  - 2. 2 : 3
  - 3. 3 : 2
  - 4. 5 : 6

Question ID : 65497842536  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.11** A reduction of 20% in the price of bananas enables a customer to buy 6 more bananas for ₹80. What is the reduced price of bananas per dozen (in ₹)?

- Ans**
- 1. 32
  - 2. 35
  - 3. 36
  - 4. 40

Question ID : 65497843731  
Status : Not Attempted and Marked For Review  
Chosen Option : --

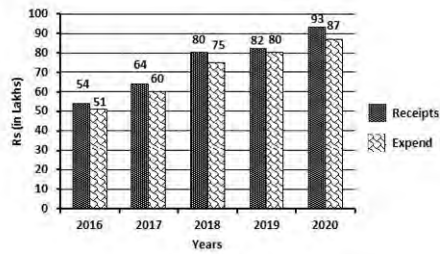
**Q.12** In  $\Delta PQR$ ,  $\angle Q = 66^\circ$  and  $\angle R = 34^\circ$ . T is a point on QR, and S is a point between Q and T such that  $PS \perp QR$  and PT is the bisector of  $\angle QPR$ . What is the measure of  $\angle SPT$ ?

- Ans**
- 1.  $20^\circ$
  - 2.  $16^\circ$
  - 3.  $18^\circ$
  - 4.  $12^\circ$

Question ID : 65497843439  
Status : Answered  
Chosen Option : 3

**Q.13** The following bar graph shows receipts and expenditure of a business firm over 5 years. Gain = Receipts – Expenditure.

What is the percentage of increase in expenditure from 2018 to 2019 as compared to 2018?



**Ans**

1.  $6\frac{1}{4}$

2.  $8\frac{3}{4}$

3.  $2\frac{1}{2}$

4.  $6\frac{2}{3}$

Question ID : **65497842234**  
Status : **Answered**  
Chosen Option : **4**

**Q.14** AC is the diameter of a circle dividing the circle into two semicircles. ED is a chord in one semicircle, such that ED is parallel to AC. B is a point on the circumference of the circle in the other semicircle.  $\angle CBE = 75^\circ$ . What is the measure (in degrees) of  $\angle CED$ ?

**Ans**

1.  $68^\circ$

2.  $37^\circ$

3.  $75^\circ$

4.  $15^\circ$

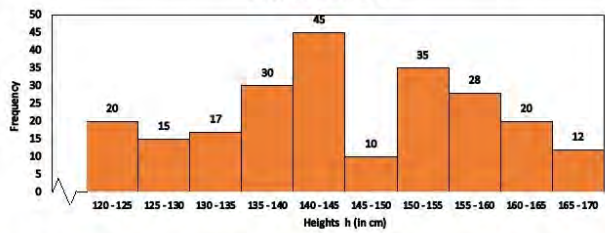
Question ID : **65497844447**  
Status : **Not Attempted and Marked For Review**  
Chosen Option : --



**Q.15** The given histogram shows the heights of 232 students of an athletic club and their numbers.

Study the histogram carefully and answer the questions that follows.

**Histogram showing the heights of children of an athletic club and their numbers.**



If the histogram is to be presented by a line diagram, what would be the starting point and the end point of the line diagram?

- Ans**
- 1. (122.5, 20) and (167.5, 20)
  - 2. (117.5, 0) and (172.5, 0)
  - 3. (117.5, 20) and (172.5, 20)
  - 4. (122.5, 0) and (167.5, 0)

Question ID : **65497844457**  
Status : **Answered**  
Chosen Option : **4**

**Q.16** AB is a chord in the minor segment of a circle with centre O. C is a point between A and B on the minor arc AB. The tangents to the circle at A and B meet at the point D. If  $\angle ACB = 116^\circ$ , then the measure of  $\angle ADB$  is

- Ans**
- 1.  $64^\circ$
  - 2.  $48^\circ$
  - 3.  $56^\circ$
  - 4.  $52^\circ$

Question ID : **65497843741**  
Status : **Not Attempted and Marked For Review**  
Chosen Option : --

**Q.17** Study the given bar graph and answer the question that follows.

The bar graph shows the exports of cars of type A and B (in ₹ millions) from 2014 to 2018.



In which year were the exports of cars of type B ₹20 million less than the average exports (per year) of cars of type A over the five years?

- Ans**
- 1. 2014
  - 2. 2015
  - 3. 2016
  - 4. 2017

Question ID : 65497844252  
Status : Answered  
Chosen Option : 3

**Q.18** The least number which should be added to 3627 so that the sum is exactly divisible by 4, 5, 6 and 8 is:

- Ans**
- 1. 93
  - 2. 39
  - 3. 27
  - 4. 72

Question ID : 65497842515  
Status : Answered  
Chosen Option : 1

**Q.19** A fruit vendor recovers the cost of 95 oranges by selling 80 oranges. What is his profit percentage?

- Ans**
- 1. 18.75%
  - 2. 20.75%
  - 3. 21.25%
  - 4. 24.25%

Question ID : 65497843328  
Status : Answered  
Chosen Option : 1

**Q.20** If Raman drives his bike at a speed of 24 km/h, he reaches his office 5 minutes late. If he drives at a speed of 30 km/h, he reaches his office 4 minutes early. How much time (in minutes) will he take to reach his office at a speed of 27 km/h?

- Ans**
- 1. 45
  - 2. 55
  - 3. 40
  - 4. 50

Question ID : 65497843433  
Status : Answered  
Chosen Option : 3

**Q.21** If  $\tan^2 A - 6 \tan A + 9 = 0$ ,  $0 < A < 90^\circ$ , What is the value of  $6 \cot A + 8 \sqrt{10} \cos A$ ?

- Ans**
- 1.  $10\sqrt{10}$
  - 2. 14
  - 3. 10
  - 4.  $8\sqrt{10}$

Question ID : 65497843441  
Status : Answered  
Chosen Option : 3

**Q.22** If  $6\sqrt{6}p^3 + 2\sqrt{2}q^3 = (\sqrt{6}p + \sqrt{2}q)(Sp^2 + Mq^2 - Npq)$ , then the positive value of  $\sqrt{S^2 + M^2 + 2N^2}$  is:

- Ans**
- 1. 10
  - 2. 8
  - 3. 9
  - 4. 12

Question ID : 65497843334  
Status : Answered  
Chosen Option : 2

**Q.23** What is the average of the first six prime numbers?

- Ans**
- 1. 6
  - 2.  $6\frac{5}{6}$
  - 3.  $9\frac{1}{3}$
  - 4. 7

Question ID : 65497844671  
Status : Answered  
Chosen Option : 2

**Q.24** The total surface area of a right pyramid, with base as a square of side 8 cm, is  $208 \text{ cm}^2$ . What is the slant height (in cm) of the pyramid?

- Ans**
- 1. 7
  - 2. 10
  - 3. 9
  - 4. 8

Question ID : 65497844669

Status : **Not Attempted and Marked For Review**

Chosen Option : --

**Q.25** P and Q completed a work together and were paid ₹1,080 and ₹1,440, respectively. If P can do the entire work in 20 days, how many days did they take to complete the work together?

- Ans**
- 1.  $6\frac{4}{7}$
  - 2.  $6\frac{3}{7}$
  - 3.  $8\frac{3}{7}$
  - 4.  $8\frac{4}{7}$

Question ID : 65497843331

Status : **Answered**

Chosen Option : 4

Section : **English Comprehension**

**Q.1** Select the option that can be used as a one-word substitute for the given group of words.

**A spear used for hunting large fish**

- Ans**
- 1. Dagger
  - 2. Lance
  - 3. Harpoon
  - 4. Sword

Question ID : 65497843370

Status : **Answered**

Chosen Option : 3

**Q.2** Select the most appropriate synonym of the given word.

**Triumphant**

- Ans**
- 1. Victorious
  - 2. Fortunate
  - 3. Affluent
  - 4. Pompous

Question ID : 65497843465

Status : **Answered**

Chosen Option : 1

**Q.3** Select the most appropriate antonym of the given

admirable

- Ans  1. unworthy  
 2. commendable  
 3. appreciable  
 4. lucky

Question ID : 65497843769  
Status : Answered  
Chosen Option : 1

**Q.4** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Holiday homework / are essential to keeping / students busy / during the vacation.

- Ans  1. during the vacation  
 2. Holiday homework  
 3. are essential to keeping  
 4. students busy

Question ID : 65497844054  
Status : Answered  
Chosen Option : 3

**Q.5** Select the most appropriate option to fill in the blank.

So dangerous did the weather conditions \_\_\_\_\_ that all mountain roads were closed.

- Ans  1. became  
 2. have become  
 3. become  
 4. becomes

Question ID : 65497843372  
Status : Answered  
Chosen Option : 3

**Q.6** Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

There are a bit nice shops in the town centre.

- Ans  1. a bit nicer  
 2. far more nicer  
 3. No improvement required  
 4. far nicer

Question ID : 65497842553  
Status : Answered  
Chosen Option : 4

**Q.7** Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

Would you have been so kind as to close the window?

- Ans
- 1. No substitution required
  - 2. Would you be
  - 3. Would you being
  - 4. Will you been

Question ID : 65497843764  
Status : Answered  
Chosen Option : 2

**Q.8** The following sentence has been divided into parts. One of them may contain a grammatical error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Mrs. Verma refused / the second helping / of ice cream.

- Ans
- 1. Mrs. Verma refused
  - 2. of ice cream
  - 3. No error
  - 4. the second helping

Question ID : 65497843450  
Status : Answered  
Chosen Option : 4

**Q.9** Select the option that expresses the given sentence in indirect speech.

She said to me, "I saw this old man long ago."

- Ans
- 1. She said to me that she had seen that old man long ago.
  - 2. She told me that she had seen that old man long before.
  - 3. She said me that she had seen this old man long ago.
  - 4. She told to me that she had seen that old man long before.

Question ID : 65497844470  
Status : Answered  
Chosen Option : 2

**Q.10** Select the most appropriate ANTONYM of the given word.

**PRIMARY**

- Ans
- 1. Secondary
  - 2. Effective
  - 3. Active
  - 4. Applicable

Question ID : 65497844477  
Status : Answered  
Chosen Option : 1

**Q.11** The following sentence has been divided into parts. One of them contains an error.  
Select the part that contains the error from the given options.

Handicrafts are / export from India / to several / European countries.

- Ans**  1. export from India  
 2. to several  
 3. Handicrafts are  
 4. European countries

Question ID : 65497842843  
Status : Answered  
Chosen Option : 1

**Q.12** The following sentence has been divided into parts. One of them may contain an error.  
Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Get up from your place / slow, and / turn around!

- Ans**  1. slow and  
 2. turn around  
 3. No error  
 4. Get up from your place

Question ID : 65497844461  
Status : Answered  
Chosen Option : 1

**Q.13** Arrange the statements in the correct order to make a meaningful paragraph.

- A. Impressed with Jane's patience with animals, he chose her for the mission to understand chimpanzees.  
B. In 1957, she went to Kenya where she met the British paleoanthropologist, Louis Leakey.  
C. As a child she would wait for hours to observe a chicken laying an egg.  
D. Jane Goodall grew up in the English town of Bournemouth.

- Ans**  1. DCBA  
 2. DBAC  
 3. CDBA  
 4. ABCD

Question ID : 65497842554  
Status : Answered  
Chosen Option : 1

**Q.14** Select the most appropriate meaning of the underlined idiom in the given sentence.

It was a lavish birthday party and I could see my friend eat like a horse.

- Ans**  1. eating excessively  
 2. eating what horses eat  
 3. eating differently  
 4. hardly eating

Question ID : 65497843771  
Status : Answered  
Chosen Option : 1

**Q.15 Select the INCORRECTLY spelt word.**

- Ans  1. Adventure  
 2. Benefit  
 3. Acquire  
 4. Pathatic

Question ID : 65497843472  
Status : Answered  
Chosen Option : 4

**Q.16 Select the option that can be used as a one-word substitute for the given group of words.**

**A room or large cupboard for storing food**

- Ans  1. Almirah  
 2. Larder  
 3. Bakery  
 4. Wardrobe

Question ID : 65497843470  
Status : Answered  
Chosen Option : 3

**Q.17 Select the most appropriate meaning of the given idiom.**

**Pay heed to**

- Ans  1. Repay old debts honestly  
 2. Listen carefully with attention  
 3. Give back money with interest  
 4. Disburse without partiality

Question ID : 65497844479  
Status : Answered  
Chosen Option : 2

**Q.18 Select the option that expresses the given sentence in active voice.**

**The coloured clothes should not be washed with the whites.**

- Ans  1. You should not wash the coloured clothes with the whites.  
 2. Do not be washing the coloured clothes with the whites.  
 3. Do not washed the coloured clothes with the whites.  
 4. You should not have washed the coloured clothes with the whites.

Question ID : 65497842543  
Status : Answered  
Chosen Option : 1



**Q.19** Select the most appropriate synonym of the given word.

**Bare**

- Ans**  1. Earthly  
 2. Hidden  
 3. Holy  
 4. Basic

Question ID : **65497842555**  
Status : **Answered**  
Chosen Option : **4**

**Q.20** Select the option that expresses the given sentence in active voice.

**The booking will have been closed when you reach the theatre.**

- Ans**  1. They had closed the booking when you reached the theatre.  
 2. They will close the booking when you reach the theatre.  
 3. They would have closed the booking when you reach the theatre.  
 4. They will have closed the booking when you reach the theatre.

Question ID : **65497843453**  
Status : **Answered**  
Chosen Option : **4**

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

One day, a few hunters came into the forest and took the lion with them. They tied him up (1) \_\_\_\_\_ a tree. The lion was (2) \_\_\_\_\_ to get away and started to whimper. (3) \_\_\_\_\_, a mouse walked past and noticed the lion in trouble. He quickly ran and (4) \_\_\_\_\_ on the ropes to set the lion free. Both of them then (5) \_\_\_\_\_ into the jungle.

**SubQuestion No : 21**

**Q.21** Select the most appropriate option to fill in blank number 1.

- Ans**  1. along  
 2. over  
 3. above  
 4. against

Question ID : **65497843354**  
Status : **Answered**  
Chosen Option : **4**

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

One day, a few hunters came into the forest and took the lion with them. They tied him up (1) \_\_\_\_\_ a tree. The lion was (2) \_\_\_\_\_ to get away and started to whimper. (3) \_\_\_\_\_, a mouse walked past and noticed the lion in trouble. He quickly ran and (4) \_\_\_\_\_ on the ropes to set the lion free. Both of them then (5) \_\_\_\_\_ into the jungle.

**SubQuestion No : 22**

**Q.22 Select the most appropriate option to fill in blank number 2.**

- Ans  1. struggle  
 2. struggles  
 3. struggling  
 4. struggled

Question ID : 65497843355  
Status : Answered  
Chosen Option : 3

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

One day, a few hunters came into the forest and took the lion with them. They tied him up (1) \_\_\_\_\_ a tree. The lion was (2) \_\_\_\_\_ to get away and started to whimper. (3) \_\_\_\_\_, a mouse walked past and noticed the lion in trouble. He quickly ran and (4) \_\_\_\_\_ on the ropes to set the lion free. Both of them then (5) \_\_\_\_\_ into the jungle.

**SubQuestion No : 23**

**Q.23 Select the most appropriate option to fill in blank number 3.**

- Ans  1. Nevertheless  
 2. Soon  
 3. Although  
 4. But

Question ID : 65497843356  
Status : Answered  
Chosen Option : 2

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

One day, a few hunters came into the forest and took the lion with them. They tied him up (1) \_\_\_\_\_ a tree. The lion was (2) \_\_\_\_\_ to get away and started to whimper. (3) \_\_\_\_\_, a mouse walked past and noticed the lion in trouble. He quickly ran and (4) \_\_\_\_\_ on the ropes to set the lion free. Both of them then (5) \_\_\_\_\_ into the jungle.

**SubQuestion No : 24**

**Q.24 Select the most appropriate option to fill in blank number 4.**

- Ans  1. chews  
 2. gnawed  
 3. nibble  
 4. bitten

Question ID : 65497843357  
Status : Answered  
Chosen Option : 2

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

One day, a few hunters came into the forest and took the lion with them. They tied him up (1) \_\_\_\_\_ a tree. The lion was (2) \_\_\_\_\_ to get away and started to whimper. (3) \_\_\_\_\_, a mouse walked past and noticed the lion in trouble. He quickly ran and (4) \_\_\_\_\_ on the ropes to set the lion free. Both of them then (5) \_\_\_\_\_ into the jungle.

**SubQuestion No : 25**

**Q.25** Select the most appropriate option to fill in blank number 5.

- Ans**  1. sped off  
 2. speed away  
 3. speds out  
 4. speed up

Question ID : **65497843358**  
Status : **Answered**  
Chosen Option : **2**

KD Job Updates

## Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ 1 Sector 62
Exam Date	20/04/2022
Exam Time	4:00 PM - 5:00 PM
Subject	CGLE 2021 Tier I

### Section : General Intelligence and Reasoning

**Q.1** Select the number from among the given options that can replace the question mark (?) in the following series.

55, 63, ?, 343, 855, 1855

- Ans
- 1. 135
  - 2. 117
  - 3. 223
  - 4. 127

Question ID : 65497844092  
Status : Answered  
Chosen Option : 4

**Q.2** Shashank walks a certain distance, say X m, towards the west, then turns left and walks 35 m, and then turns right and walks 18 m. From there, he turns left and walks 9 m, and then turns left again and walks 60 m. From there, he turns left and walks 9 m, and then turns left again and walks 12 m. He finally turns right and walks 35 m to reach a point that is exactly 10 m to the east of the starting point. What is the value of X?

- Ans
- 1. 20
  - 2. 22
  - 3. 30
  - 4. 36

Question ID : 65497842987  
Status : Answered  
Chosen Option : 2

**Q.3** Select the number-pair in which the two numbers share the same relationship as that shared by the given pair of numbers.

14 : 421

- Ans
- 1. 13 : 310
  - 2. 11 : 265
  - 3. 18 : 611
  - 4. 16 : 421

Question ID : 65497842982  
Status : Answered  
Chosen Option : 2

**Q.4** If the signs '-' and 'x' are interchanged, then which of the following equations can be correctly balanced?

- Ans**
- 1.  $64 \div 8 - 22 \times 3 + 30 = 103$
  - 2.  $36 + 14 \times 18 + 3 - 12 = 72$
  - 3.  $119 \div 17 - 6 + 24 \times 34 = 32$
  - 4.  $42 \div 6 - 18 + 30 \times 7 = 146$

Question ID : **65497844097**  
Status : **Answered**  
Chosen Option : **3**

**Q.5** Select the number from among the given options that can replace the question mark (?) in the following series.

9, 29, 67, 129, ?, 349

- Ans**
- 1. 242
  - 2. 185
  - 3. 221
  - 4. 178

Question ID : **65497842374**  
Status : **Answered**  
Chosen Option : **3**

**Q.6** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

- Some locks are keys.
- No key is a chain.
- All springs are chains.

**Conclusions:**

- I. Some keys are springs.
- II. No key is a spring.
- III. No lock is a spring.

- Ans**
- 1. Only conclusion II follows.
  - 2. Only conclusions I and II follow.
  - 3. None of the conclusions follow.
  - 4. Either conclusion I or II follows.

Question ID : **65497844090**  
Status : **Answered**  
Chosen Option : **1**

Q.7 In a certain code language, 'PENCIL' is written as 'MKFRJV' and 'ERASER' is written as 'SGVEWK'. How will 'MASTER' be written in that language?

- Ans
- 1. REWWGT
  - 2. SGWWFS
  - 3. RFWVES
  - 4. SFWYFT

Question ID : 65497842872  
Status : Answered  
Chosen Option : 2

Q.8 Study the given matrix carefully and select the number from among the given options that can replace the question mark (?) in it.

12 7 70  
15 6 78  
11 9 ?

- Ans
- 1. 75
  - 2. 85
  - 3. 81
  - 4. 76

Question ID : 65497842378  
Status : Answered  
Chosen Option : 3

Q.9 In a certain code language, 'STREAM' is coded as 161418445228. How will 'PERIOD' be coded in that language?

- Ans
- 1. 224418382448
  - 2. 224418362446
  - 3. 244418342446
  - 4. 224420363046

Question ID : 65497842974  
Status : Answered  
Chosen Option : 2

Q.10 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Tranquil
2. Transit
3. Transfer
4. Transient
5. Training

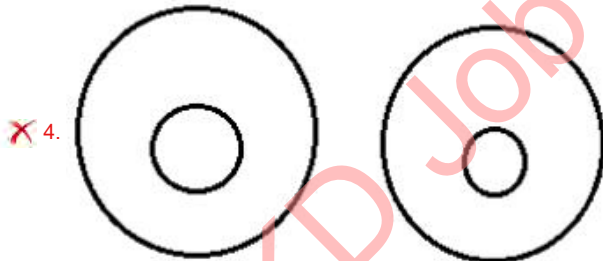
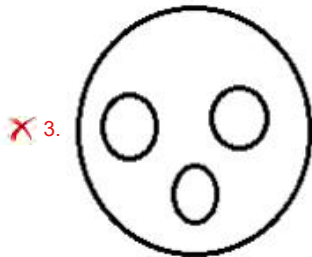
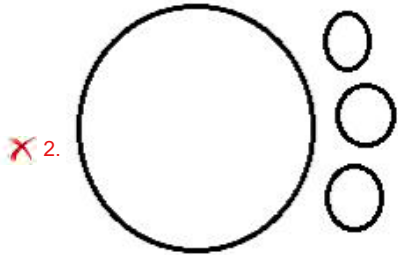
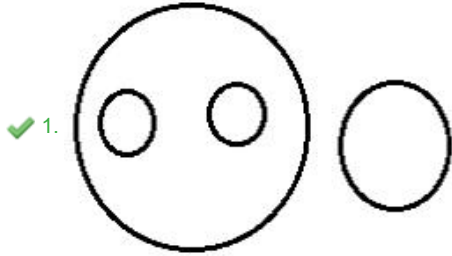
- Ans
- 1. 5, 1, 3, 4, 2
  - 2. 2, 5, 3, 4, 1
  - 3. 5, 1, 3, 2, 4
  - 4. 5, 1, 4, 3, 2

Question ID : 65497843980  
Status : Answered  
Chosen Option : 1

Q.11 Select the Venn diagram that best represents the relationship among the following classes.

Electronic gadgets, Mobile phones, Table, Laptops

Ans



Question ID : 65497842084

Status : Answered

Chosen Option : 1

Q.12 Ranjana said to a woman, "My father is the paternal grandfather of your son Piyush".  
How is Piyush related to Ranjana?

- Ans
- ✗ 1. Cousin
  - ✓ 2. Nephew
  - ✗ 3. Grandson
  - ✗ 4. Brother

Question ID : 65497842876

Status : Answered

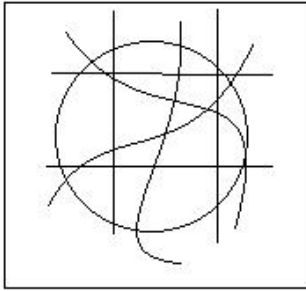
Chosen Option : 2

Q.13 Select the option in which the given figure is embedded (rotation is NOT allowed).

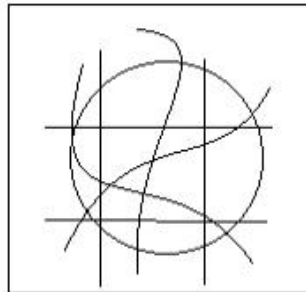


Ans

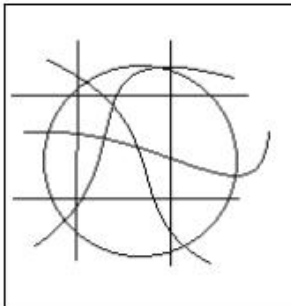
✗ 1.



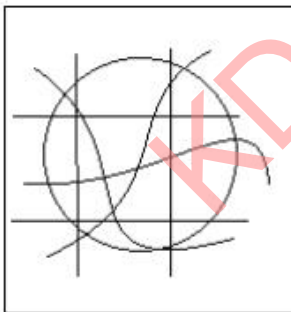
✓ 2.



✗ 3.



✗ 4.



Question ID : 65497842384  
Status : Answered  
Chosen Option : 2



Q.14 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the one that is different.

- Ans  1. VSQ  
 2. WTP  
 3. MJH  
 4. PMK

Question ID : 65497842365  
Status : Answered  
Chosen Option : 2

Q.15 Select the letter-clusters from among the given options that can sequentially replace both the question marks (?) in the following series.

ZCKR, bfow, DISB, flwg, HOAL, ?, ?

- Ans  1. JREQ, luiw  
 2. jreq, LUIV  
 3. jres, LUIX  
 4. jrfq, LUIW

Question ID : 65497844080  
Status : Answered  
Chosen Option : 2

Q.16 In a certain code, 34225 means 'Red fort is in Delhi' and 5248 means 'Delhi is very polluted'. Which of the following is the code for 'Pollution level is changing'?

- Ans  1. 9528  
 2. 7859  
 3. 5548  
 4. 1528

Question ID : 65497842369  
Status : Not Answered  
Chosen Option : --

Q.17 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

DFC : WHX :: KFQ : ?

- Ans  1. PHJ  
 2. QHJ  
 3. RGK  
 4. QHK

Question ID : 65497842063  
Status : Answered  
Chosen Option : 1

Q.18 Which two signs need to be interchanged to make the following equation correct?

$$95 \div 19 \times 3 - 7 + 29 = 13$$

Ans  1. + and ×

2. ÷ and −

3. − and +

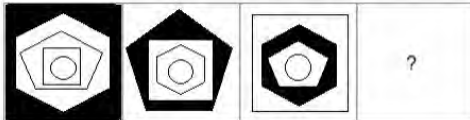
4. − and ×

Question ID : 65497842884

Status : Answered

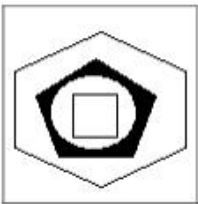
Chosen Option : 4

Q.19 Select the figure from among the given options that can replace the question mark (?) in the following series.



Ans

1.



2.



3.



4.



Question ID : 65497842887

Status : Not Answered

Chosen Option : --

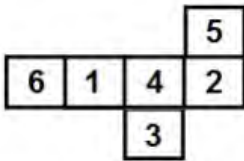
Q.20 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

L G \_ Q \_ G P \_ L \_ P Q \_ G \_ Q

- Ans
- 1. P, L, P, G, L, Q
  - 2. P, Q, L, G, P, L
  - 3. P, P, L, G, Q, L
  - 4. P, L, Q, G, L, P

Question ID : 65497842875  
Status : Answered  
Chosen Option : 4

Q.21 Select the dice that can be formed by folding the given sheet along the lines.

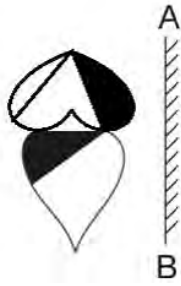


Ans

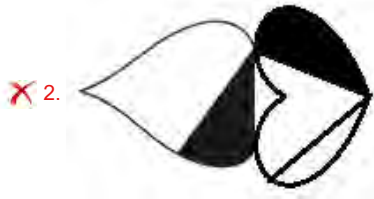
- 1.
- 2.
- 3.
- 4.

Question ID : 65497844100  
Status : Answered  
Chosen Option : 2

Q.22 Select the correct mirror image of the given figure when the mirror is placed at 'AB' as shown.

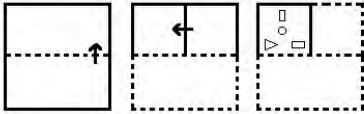


Ans



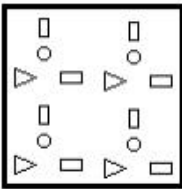
Question ID : 65497842890  
Status : Answered  
Chosen Option : 1

**Q.23** The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?

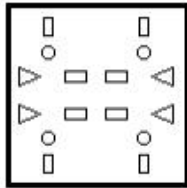


Ans

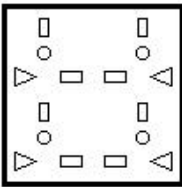
1.



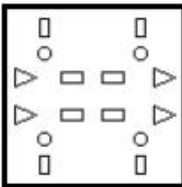
2.



3.



4.



Question ID : 65497842992

Status : Answered

Chosen Option : 2

**Q.24** Six students, Abhay, Bhanu, Charu, David, Ekta and Farheen, are the top six rank holders in a school. The rank of Bhanu is between the ranks of Charu and David. Bhanu is on the fourth rank. There are two students between the ranks of Ekta and David. Ekta is at the lowest rank among all the given students. The rank of Abhay is immediately below the rank of Farheen. Who is on the fifth rank?

Ans  1. Ekta

2. Charu

3. David

4. Abhay

Question ID : 65497842877

Status : Answered

Chosen Option : 2

**Q.25** Vaidehi got 92% marks in an examination and Kavyanjali got 78% marks in the same examination. If the difference between the marks obtained by Vaidehi and Kavyanjali is 105, find the marks obtained by Vaidehi in the examination.

Ans  1. 736

2. 644

3. 690

4. 598

Question ID : 65497842074

Status : Answered

Chosen Option : 3

Section : General Awareness

**Q.1** Decrease in which of the following factors leads to an increase in the rate of evaporation?

Ans  1. Ambient temperature

2. Humidity

3. Area of the free surface of the liquid concerned

4. Wind speed above the surface of the liquid

Question ID : 65497842394

Status : Not Answered

Chosen Option : --

**Q.2** \_\_\_\_\_ is a mask dance popular in South Malabar.

Ans  1. Dhangar

2. Kummattikali

3. Parichakali

4. Zemmado

Question ID : 65497842388

Status : Not Answered

Chosen Option : --

**Q.3** As per Economic Survey 2020-2021, during the first half of the financial year 2020-21, the services sector contracted by almost \_\_\_\_\_.

Ans  1. 21%

2. 16%

3. 6%

4. 11%

Question ID : 65497842088

Status : Not Answered

Chosen Option : --

**Q.4** Acidic drain cleaners made of \_\_\_\_\_ or \_\_\_\_\_ acid are powerful enough to clear heavy-duty hair, food, grease, soap scum or paper-based clogs in 15 minutes or less.

- Ans**
- 1. formic, citric
  - 2. nitric, carbonic
  - 3. sulphuric, hydrochloric
  - 4. malic, lactic

Question ID : **65497843001**  
Status : **Not Answered**  
Chosen Option : --

**Q.5** As per the Union Budget 2021-22, Mission Poshan 2.0 is proposed to be launched to improve nutritional outcomes across \_\_\_\_\_ aspirational districts.

- Ans**
- 1. 95
  - 2. 101
  - 3. 119
  - 4. 112

Question ID : **65497842897**  
Status : **Not Answered**  
Chosen Option : --

**Q.6** The Contingency Fund of India is to be augmented from ₹500 crores to \_\_\_\_\_ crores through the Finance Bill as per the Union Budget 2021-22.

- Ans**
- 1. ₹25,000
  - 2. ₹30,000
  - 3. ₹15,000
  - 4. ₹10,000

Question ID : **65497842996**  
Status : **Not Answered**  
Chosen Option : --

**Q.7** Acceleration is equal to the rate of change of \_\_\_\_\_.

- Ans**
- 1. momentum
  - 2. position
  - 3. displacement
  - 4. velocity

Question ID : **65497844110**  
Status : **Answered**  
Chosen Option : 1

Q.8 Who among the following was an ancient Indian mathematician-astronomer?

- Ans  1. Amalananda  
 2. Nagarjuna  
 3. Varahamihira  
 4. Banabhatta

Question ID : 65497842402  
Status : Answered  
Chosen Option : 3

Q.9 What is the maximum permissible limit of turbidity in potable water as per the Bureau of Indian Standards (BIS)(IS -10500 : 2012)?

- Ans  1. 3 NTU  
 2. 5 NTU  
 3. 7 NTU  
 4. 1 NTU

Question ID : 65497842095  
Status : Not Answered  
Chosen Option : --

Q.10 When was the Tenth Session of the Constituent Assembly held?

- Ans  1. 6-17 October 1949  
 2. 14-31 July 1947  
 3. 4 November 1948 - 8 January 1949  
 4. 16 May - 16 June 1949

Question ID : 65497842410  
Status : Not Answered  
Chosen Option : --

Q.11 Which of the following Mauryan rulers did Seleucus fight against in the Seleucid-Mauryan War?

- Ans  1. Chandragupta Maurya  
 2. Samprati  
 3. Ashoka  
 4. Dasharatha

Question ID : 65497844120  
Status : Answered  
Chosen Option : 1



**Q.12 Who among the following got the award for 'Best Supporting Actress' at the National Awards 2021?**

- Ans**  1. Tisca Chopra  
 2. Pallavi Joshi  
 3. Divya Dutta  
 4. Konkona Sen Sharma

Question ID : **65497842910**  
Status : **Answered**  
Chosen Option : **1**

**Q.13 Which of the following festivals is celebrated in Uttarakhand?**

- Ans**  1. Vishu  
 2. Phool Dei  
 3. Dol Jatra  
 4. Nuakhai

Question ID : **65497844106**  
Status : **Not Answered**  
Chosen Option : **--**

**Q.14 Which of the following countries will host the 2023 AIBA Men's World Boxing Championships?**

- Ans**  1. Uzbekistan  
 2. Russia  
 3. Mongolia  
 4. Serbia

Question ID : **65497844128**  
Status : **Not Answered**  
Chosen Option : **--**

**Q.15 The Hirakud Dam is built near the city of \_\_\_\_\_ in Odisha.**

- Ans**  1. Cuttack  
 2. Rourkela  
 3. Sambalpur  
 4. Balasore

Question ID : **65497842401**  
Status : **Not Answered**  
Chosen Option : **--**

**Q.16** River Ken is one of the major rivers of the Bundelkhand region of central India and flows through two states, Madhya Pradesh and \_\_\_\_\_.

- Ans**
- 1. Gujarat
  - 2. Maharashtra
  - 3. Rajasthan
  - 4. Uttar Pradesh

Question ID : **65497842904**  
Status : **Answered**  
Chosen Option : **4**

**Q.17** Which of the following statements about 'Swachh Survekshan - Urban' is **INCORRECT**?

- Ans**
- 1. It is an annual survey of cleanliness, hygiene and sanitation in cities and towns across India.
  - 2. The first survey was undertaken in 2016.
  - 3. It was launched as part of the Swachh Bharat Abhiyan.
  - 4. It is conducted by the Ministry of Health and Family Welfare.

Question ID : **65497842093**  
Status : **Not Answered**  
Chosen Option : **--**

**Q.18** \_\_\_\_\_ develops on crystalline igneous rocks in areas of low rainfall in the eastern and southern part of the Deccan Plateau.

- Ans**
- 1. Red soil
  - 2. Black soil
  - 3. Alluvial soil
  - 4. Arid soil

Question ID : **65497844117**  
Status : **Answered**  
Chosen Option : **2**

**Q.19** Who among the following was the recipient of the 'Vatayan Lifetime Achievement Award 2020'?

- Ans**
- 1. Ravi Shankar Prasad
  - 2. Prakash Javadekar
  - 3. Ramesh Pokhriyal
  - 4. Piyush Goyal

Question ID : **65497842104**  
Status : **Not Answered**  
Chosen Option : **--**

Q.20 At which of the following jails was Khudiram Bose sent to the gallows?

- Ans  1. Chittagong  
 2. Barishal  
 3. Muzaffarpur  
 4. Alipore

Question ID : 65497843010  
Status : Not Answered  
Chosen Option : --

Q.21 Which of the following Hero Indian Super League teams appointed Sergio Lobera as its head coach in October 2020?

- Ans  1. North East United FC  
 2. ATK Mohun Bagan  
 3. Bengaluru FC  
 4. Mumbai City FC

Question ID : 65497842109  
Status : Not Answered  
Chosen Option : --

Q.22 Which amendment to the Constitution of India added a new subject in the Union List called 'taxes on services'?

- Ans  1. 56th  
 2. 62nd  
 3. 78th  
 4. 88th

Question ID : 65497842914  
Status : Answered  
Chosen Option : 4

Q.23 Who among the following was the Chief Justice of India – designate in April 2021?

- Ans  1. Justice NV Ramana  
 2. Justice AM Khanwilkar  
 3. Justice Ashok Bhushan  
 4. Justice Arun Mishra

Question ID : 65497843012  
Status : Answered  
Chosen Option : 1

**Q.24** Which of the following Amendments of the Constitution of India amended Article 19 and inserted provisions fully securing the constitutional validity of zamindari abolition laws in general and certain specified State Acts in particular?

- Ans
- 1. Fourth Amendment
  - 2. First Amendment
  - 3. Third Amendment
  - 4. Second Amendment

Question ID : 65497843014  
Status : Not Answered  
Chosen Option : --

**Q.25** Which of the following is a property of Beryllium?

- Ans
- 1. Forms ionic compounds
  - 2. Has a low melting and boiling point
  - 3. Reacts with water
  - 4. Forms covalent compounds

Question ID : 65497842902  
Status : Not Answered  
Chosen Option : --

Section : Quantitative Aptitude

**Q.1** If  $a + b + c = 6$ ,  $a^2 + b^2 + c^2 = 32$ , and  $a^3 + b^3 + c^3 = 189$ , then the value of  $4abc$  is:

- Ans
- 1. 12
  - 2. 16
  - 3. 9
  - 4. 8

Question ID : 65497842930  
Status : Answered  
Chosen Option : 1

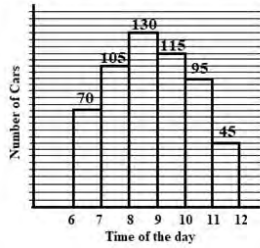
**Q.2** If  $5\sqrt{3} + \sqrt{75} = 17.32$ , then the value of  $14\sqrt{3} + \sqrt{108}$  is:

- Ans
- 1. 32.46
  - 2. 35.64
  - 3. 34.64
  - 4. 33.86

Question ID : 65497844130  
Status : Answered  
Chosen Option : 3

**Q.3** The number of cars passing the road near a colony from 6 am to 12 noon has been shown in the following histogram.

During which hour(s) is the number of cars passed less than the average number of cars passed from 7 am to 12 noon?



- Ans**
- 1. 6-7, 10-11, 11-12
  - 2. 10-11, 11-12
  - 3. 7-8, 8-9, 9-10
  - 4. 6-7, 11-12

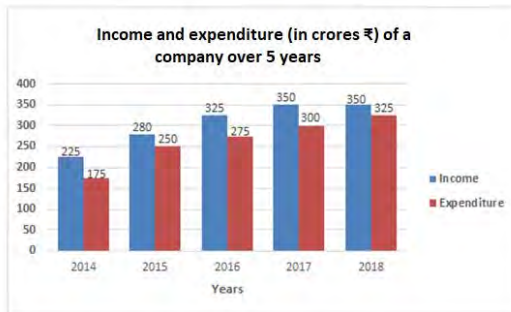
Question ID : 65497842437  
Status : Answered  
Chosen Option : 4

**Q.4** A and B can do a work in 12 days and 18 days, respectively. They worked together for 4 days after which B was replaced by C and the remaining work was completed by A and C in the next 4 days. In how many days will C alone complete 50% of the same work?

- Ans**
- 1. 24
  - 2. 18
  - 3. 21
  - 4. 36

Question ID : 65497842927  
Status : Answered  
Chosen Option : 2

**Q.5** The given bar graph shows the income and expenditure (in crores ₹) of a company over 5 years, from 2014 to 2018. Study the bar graph and answer the question that follows.



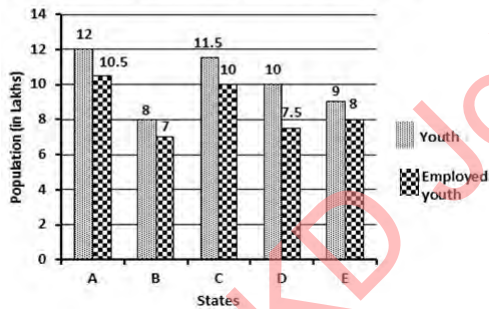
What is the difference (in crores ₹) between the expenditure for the years 2017 and 2018 taken together and the income for the years 2015 and 2016 taken together?

- Ans**
- 1. 15
  - 2. 20
  - 3. 18
  - 4. 16

Question ID : 65497844353  
 Status : Answered  
 Chosen Option : 2

**Q.6** The following bar graph shows the number of youth (in lakhs) and the number of employed youth (in lakhs) in five states A, B, C, D and E.

What is the average number of youth in the five states?



- Ans**
- 1. 1200000
  - 2. 1015000
  - 3. 1025000
  - 4. 1010000

Question ID : 65497842032  
 Status : Answered  
 Chosen Option : 4

Q.7

The value of  $\left(\frac{1-\cot\theta}{1-\tan\theta}\right)^2 + 1$ , if  $0^\circ < \theta < 90^\circ$ , is equal to:

Ans

✓ 1.  $\operatorname{cosec}^2\theta$

✗ 2.  $\sin^2\theta$

✗ 3.  $\cos^2\theta$

✗ 4.  $\sec^2\theta$

Question ID : 65497842937

Status : Answered

Chosen Option : 1

Q.8

An article is sold at a certain price. If it is sold at 70% of this price, then there is a loss of 10%. What is the percentage profit, when it is sold at the original selling price?

Ans

✗ 1.  $\frac{50}{7}\%$

✓ 2.  $\frac{200}{7}\%$

✗ 3.  $\frac{300}{7}\%$

✗ 4.  $\frac{100}{7}\%$

Question ID : 65497842924

Status : Answered

Chosen Option : 2

Q.9

While preparing the results of English of a class, the marks of one student got recorded as 95 in place of 57, as a result of which there was an increase in the average score by 0.95. How many students were there in the class?

Ans

✗ 1. 57

✗ 2. 37

✗ 3. 45

✓ 4. 40

Question ID : 65497843224

Status : Answered

Chosen Option : 4

Q.10

The length of the body diagonal of a cube is  $8\sqrt{3}$  cm. What is the volume (in  $\text{cm}^3$ ) of the cube?

Ans

✗ 1. 343

✗ 2. 216

✓ 3. 512

✗ 4. 729

Question ID : 65497843232

Status : Answered

Chosen Option : 3

Q.11 The value of  $\frac{5\cos^2 62^\circ + 5\cos^2 28^\circ - 21}{7\sin^2 35^\circ + 7\sin^2 55^\circ + 1}$  is:

- Ans
- 1. 2
  - 2. -2
  - 3. 3
  - 4. -3

Question ID : 65497843037  
Status : Answered  
Chosen Option : 2

Q.12 Find the value of the following expression:

$$\frac{1\frac{1}{2} + 1\frac{3}{7} \div \left(1\frac{3}{5} \text{ of } 1\frac{1}{4}\right) \times 2\frac{1}{3}}{2\frac{2}{3} \div \frac{4}{9} \times \frac{5}{6} + 14}$$

- Ans
- 1.  $\frac{107}{342}$
  - 2.  $\frac{49}{114}$
  - 3.  $\frac{13}{114}$
  - 4.  $\frac{1}{6}$

Question ID : 65497842112  
Status : Answered  
Chosen Option : 4

Q.13 In a right-angled triangle PQR,  $\angle Q = 90^\circ$ . A and B are the mid-points of PQ and PR, respectively. If PQ = 16 cm, QR = 30 cm and PR = 34 cm, what is perimeter (in cm) of the trapezium ABRQ?

- Ans
- 1. 40
  - 2. 80
  - 3. 65
  - 4. 70

Question ID : 65497843035  
Status : Answered  
Chosen Option : 4



**Q.14** PQRS is a cyclic quadrilateral and PQ is a diameter of the circle. If  $\angle RPQ = 23^\circ$ , then what is the measure of  $\angle PSR$ ?

- Ans**
- 1.  $113^\circ$
  - 2.  $157^\circ$
  - 3.  $147^\circ$
  - 4.  $123^\circ$

Question ID : 65497844145  
Status : Answered  
Chosen Option : 1

**Q.15** Which of the following is the smallest number that is a perfect square and is divisible by each of the numbers 6, 8 and 15?

- Ans**
- 1. 225
  - 2. 121
  - 3. 576
  - 4. 3600

Question ID : 65497842111  
Status : Answered  
Chosen Option : 4

**Q.16** Divide ₹66,300 between A and B in such a way that the amount that A receives after 8 years is equal to the amount that B receives after 10 years; with compound interest being compounded annually at a rate of 10% per annum.

- Ans**
- 1.  $A = ₹35,520, B = ₹30,810$
  - 2.  $A = ₹35,200, B = ₹31,100$
  - 3.  $A = ₹37,000, B = ₹29,300$
  - 4.  $A = ₹36,300, B = ₹30,000$

Question ID : 65497842421  
Status : Answered  
Chosen Option : 4

**Q.17** A ladder of length 3.5 m just reaches the top of a wall. If the ladder makes an angle of  $60^\circ$  with the wall, then what is the height of the wall (in m)?

- Ans**
- 1. 1.75
  - 2.  $3.5\sqrt{3}$
  - 3.  $\frac{7\sqrt{3}}{4}$
  - 4.  $\frac{3.5}{\sqrt{3}}$

Question ID : 65497842130  
Status : Answered  
Chosen Option : 3

**Q.18** A circle is circumscribed on a quadrilateral ABCD. If  $\angle DAB = 100^\circ$ ,  $\angle ADB = 35^\circ$  and  $\angle CDB = 40^\circ$ , then find the measure of  $\angle DBC$ .

- Ans**
- 1.  $35^\circ$
  - 2.  $60^\circ$
  - 3.  $45^\circ$
  - 4.  $40^\circ$

Question ID : 65497842427  
Status : Answered  
Chosen Option : 2

**Q.19** If  $(4a - 3b) = 1$ ,  $ab = \frac{1}{2}$ , where  $a > 0$  and  $b > 0$ , what is the value of  $(64a^3 + 27b^3)$ ?

- Ans**
- 1. 15
  - 2. 25
  - 3. 30
  - 4. 35

Question ID : 65497843032  
Status : Answered  
Chosen Option : 4

**Q.20** In  $\triangle ABC$ ,  $\angle A = 68^\circ$ . If I is the incentre of the triangle, then the measure of  $\angle BIC$  is:

- Ans**
- 1.  $124^\circ$
  - 2.  $112^\circ$
  - 3.  $68^\circ$
  - 4.  $56^\circ$

Question ID : 65497842935  
Status : Answered  
Chosen Option : 1

**Q.21** The distance between two towns is covered in 7 hours at a speed of 50 km/h. By how much should the speed (in km/h) be increased so that 2 hours of travelling time will be saved?

- Ans**
- 1. 70
  - 2. 20
  - 3. 40
  - 4. 30

Question ID : 65497843029  
Status : Answered  
Chosen Option : 2

**Q.22** A is 25% more than B, and B is 40% less than C. If C is 20% more than D, then A is what percentage less than D?

- Ans**
- 1. 11%
  - 2. 10%
  - 3. 9%
  - 4. 12%

Question ID : **65497844135**  
Status : **Answered**  
Chosen Option : **2**

**Q.23** Three partners shared the profit in a business in the proportion of 9 : 8 : 11. They invested their capitals for 4 months, 6 months and 18 months, respectively. What was the ratio of their capitals?

- Ans**
- 1. 81 : 48 : 22
  - 2. 27 : 48 : 22
  - 3. 81 : 16 : 66
  - 4. 27 : 16 : 66

Question ID : **65497843026**  
Status : **Answered**  
Chosen Option : **1**

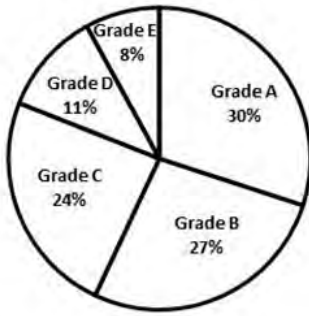
**Q.24** A person bought a book at 31% discount on its printed price. If no discount was given, then he would have to pay ₹2,480 more. How much did he pay (in ₹) for the book?

- Ans**
- 1. 7,000
  - 2. 5,520
  - 3. 8,000
  - 4. 4,560

Question ID : **65497844658**  
Status : **Answered**  
Chosen Option : **2**

**Q.25** Performance of 1800 students in grades has been shown in the following pie chart.

How many more students have obtained grade B than those who have obtained grade C?



- Ans**
- 1. 50
  - 2. 60
  - 3. 54
  - 4. 3

Question ID : 65497842132  
Status : Answered  
Chosen Option : 3

Section : English Comprehension

**Q.1** Select the most appropriate meaning of the given idiom.

**Back out**

- Ans**
- 1. To enquire
  - 2. To withdraw
  - 3. To throw
  - 4. To explode

Question ID : 65497844175  
Status : Answered  
Chosen Option : 2

**Q.2** Select the most appropriate option to fill in the blank.

\_\_\_\_\_ did she open her lunch box than everyone gathered around her.

- Ans**
- 1. As soon as
  - 2. Just as
  - 3. No sooner
  - 4. Hardly

Question ID : 65497842968  
Status : Answered  
Chosen Option : 3

**Q.3** Select the most appropriate synonym of the given word.

**Ravenous**

- Ans**  1. Starved  
 2. Satiated  
 3. Full  
 4. Content

Question ID : **65497843061**  
Status : **Answered**  
Chosen Option : **1**

**Q.4** Select the most appropriate ANTONYM of the given word.

**Obdurate**

- Ans**  1. Rigid  
 2. Callous  
 3. Amenable  
 4. Secure

Question ID : **65497842457**  
Status : **Answered**  
Chosen Option : **3**

**Q.5** Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select option 'No substitution required'.

Often it makes one wonder at the sights you see.

- Ans**  1. one sees  
 2. one see  
 3. you saw  
 4. No substitution required

Question ID : **65497844168**  
Status : **Answered**  
Chosen Option : **2**

**Q.6** Select the option that can be used as a one-word substitute for the given group of words.

Place where objects of importance are exhibited

- Ans**  1. Fair  
 2. Exhibition  
 3. Treasury  
 4. Museum

Question ID : **65497843066**  
Status : **Answered**  
Chosen Option : **4**

**Q.7** Select the option that can be used as a one-word substitute for the given group of words.

Lacking interest or excitement

- Ans  1. Despot  
 2. Hostile  
 3. Mundane  
 4. Miserly

Question ID : 65497842966  
Status : Answered  
Chosen Option : 3

**Q.8** Select the INCORRECTLY spelt word.

- Ans  1. Contemplate  
 2. Cooperate  
 3. Temprate  
 4. Syndicate

Question ID : 65497843068  
Status : Answered  
Chosen Option : 3

**Q.9** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Will you / care for / a cup of / hot coffee?

- Ans  1. care for  
 2. hot coffee  
 3. Will you  
 4. a cup of

Question ID : 65497843046  
Status : Not Answered  
Chosen Option : --

**Q.10** Select the most appropriate synonym of the given word.

Lull

- Ans  1. Disturbance  
 2. Activity  
 3. Noise  
 4. Calm

Question ID : 65497842151  
Status : Answered  
Chosen Option : 4

**Q.11** The following sentence has been divided into parts. One of them may contain a grammatical error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

They had hardly completed / half of the work / than the boss called them.

- Ans**
- 1. half of the work
  - 2. No error
  - 3. They had hardly completed
  - 4. than the boss called them

Question ID : 65497842441  
Status : Answered  
Chosen Option : 4

**Q.12** Select the most appropriate antonym of the given word.

multiple

- Ans**
- 1. many
  - 2. double
  - 3. single
  - 4. triple

Question ID : 65497844173  
Status : Answered  
Chosen Option : 3

**Q.13** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

We bought / two dozens / mangoes from / the market.

- Ans**
- 1. the market
  - 2. We bought
  - 3. two dozens
  - 4. mangoes from

Question ID : 65497843650  
Status : Answered  
Chosen Option : 3

**Q.14** Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

- A. Thus, shared laughter is one of the most effective tools in maintaining healthy relationships.
- B. Emotional sharing builds strong and lasting bonds.
- C. It also helps in healing resentments and hurt.
- D. But sharing laughter brings joy and freshness to relationships.

- Ans**
- 1. BCAD
  - 2. DCBA
  - 3. DCAB
  - 4. BDCA

Question ID : 65497842150  
Status : Answered  
Chosen Option : 4

**Q.15** Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

It is quite difficult to make on what this doctor writes.

- Ans**  1. make out  
 2. make in  
 3. No substitution required  
 4. made on

Question ID : 65497842149  
Status : Answered  
Chosen Option : 1

**Q.16** Select the option that expresses the given sentence in direct speech.

She exclaimed with sorrow that life had become miserable.

- Ans**  1. She said, "Oh! What miserable life has become."  
 2. She said, "Alas! How miserable life has become."  
 3. She said, "How miserable had become life!"  
 4. She said, "Life has become miserable."

Question ID : 65497842450  
Status : Answered  
Chosen Option : 2

**Q.17** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

My friend / who's leg / was fractured, / has recovered.

- Ans**  1. has recovered  
 2. My friend  
 3. who's leg  
 4. was fractured

Question ID : 65497842944  
Status : Answered  
Chosen Option : 3

**Q.18** Select the most appropriate meaning of the given idiom.

Have a change of heart

- Ans**  1. Undergo a surgery  
 2. Change one's opinion  
 3. Fall in love with someone  
 4. Express happiness about something

Question ID : 65497842459  
Status : Answered  
Chosen Option : 2



**Q.19** Select the option that expresses the given sentence in active voice.

He is given proper guidance by his boss.

- Ans  1. His boss is giving him proper guidance.  
 2. His boss has been giving him proper guidance.  
 3. He gives proper guidance to his boss.  
 4. His boss gives him proper guidance.

Question ID : 65497842139  
Status : Answered  
Chosen Option : 4

**Q.20** Select the correct passive voice of the given sentence.

Hold the rope firmly.

- Ans  1. Let the rope hold you firmly.  
 2. Let the rope firmly hold you.  
 3. Let the rope be hold firmly.  
 4. Let the rope be held firmly.

Question ID : 65497843049  
Status : Answered  
Chosen Option : 4

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

For an average Indian, driving in any of the major Indian cities is equivalent to (1) \_\_\_\_\_ a daily war. The everyday struggle of (2) \_\_\_\_\_ traffic, pollution and rash drivers is (3) \_\_\_\_\_ biggest cause of chronic stress and other (4) \_\_\_\_\_ problems. On an average a person spends (5) \_\_\_\_\_ between thirty minutes to two hours of their day driving.

SubQuestion No : 21

**Q.21** Select the most appropriate option to fill in blank no.1.

- Ans  1. making  
 2. waging  
 3. raising  
 4. rushing

Question ID : 65497842950  
Status : Answered  
Chosen Option : 2

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

For an average Indian, driving in any of the major Indian cities is equivalent to (1) \_\_\_\_\_ a daily war. The everyday struggle of (2) \_\_\_\_\_ traffic, pollution and rash drivers is (3) \_\_\_\_\_ biggest cause of chronic stress and other (4) \_\_\_\_\_ problems. On an average a person spends (5) \_\_\_\_\_ between thirty minutes to two hours of their day driving.

**SubQuestion No : 22**

**Q.22 Select the most appropriate option to fill in blank no.2.**

- Ans  1. stopping  
 2. dodging  
 3. boarding  
 4. lodging

Question ID : 65497842951  
Status : Answered  
Chosen Option : 2

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

For an average Indian, driving in any of the major Indian cities is equivalent to (1) \_\_\_\_\_ a daily war. The everyday struggle of (2) \_\_\_\_\_ traffic, pollution and rash drivers is (3) \_\_\_\_\_ biggest cause of chronic stress and other (4) \_\_\_\_\_ problems. On an average a person spends (5) \_\_\_\_\_ between thirty minutes to two hours of their day driving.

**SubQuestion No : 23**

**Q.23 Select the most appropriate option to fill in blank no.3.**

- Ans  1. one  
 2. the  
 3. an  
 4. a

Question ID : 65497842952  
Status : Answered  
Chosen Option : 2

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

For an average Indian, driving in any of the major Indian cities is equivalent to (1) \_\_\_\_\_ a daily war. The everyday struggle of (2) \_\_\_\_\_ traffic, pollution and rash drivers is (3) \_\_\_\_\_ biggest cause of chronic stress and other (4) \_\_\_\_\_ problems. On an average a person spends (5) \_\_\_\_\_ between thirty minutes to two hours of their day driving.

**SubQuestion No : 24**

**Q.24 Select the most appropriate option to fill in blank no.4.**

- Ans  1. societal  
 2. ecological  
 3. psychological  
 4. spiritual

Question ID : 65497842953  
Status : Answered  
Chosen Option : 3

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

For an average Indian, driving in any of the major Indian cities is equivalent to (1) \_\_\_\_\_ a daily war. The everyday struggle of (2) \_\_\_\_\_ traffic, pollution and rash drivers is (3) \_\_\_\_\_ biggest cause of chronic stress and other (4) \_\_\_\_\_ problems. On an average a person spends (5) \_\_\_\_\_ between thirty minutes to two hours of their day driving.

**SubQuestion No : 25**

**Q.25** Select the most appropriate option to fill in blank no.5.

- Ans**  1. everywhere  
 2. nowhere  
 3. anywhere  
 4. elsewhere

Question ID : **65497842954**  
Status : **Answered**  
Chosen Option : **3**

KD Job Updates

## Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ Gram Raigawan Near Patan Bypass
Exam Date	21/04/2022
Exam Time	9:00 AM - 10:00 AM
Subject	CGLE 2021 Tier I

### Section : General Intelligence and Reasoning

**Q.1** Select the option that is related to the third number in the same way as the second number is related to the first number.

13 : 1331 :: 17 : ?

- Ans
- 1. 2642
  - 2. 1453
  - 3. 3375
  - 4. 1829

Question ID : 65497842376  
Status : Answered  
Chosen Option : 3

**Q.2** Select the number from among the given options that can replace the question mark (?) in the following series.

7, 16, 41, 94, 251, ?

- Ans
- 1. 568
  - 2. 468
  - 3. 586
  - 4. 486

Question ID : 65497844395  
Status : Answered  
Chosen Option : 3

**Q.3** Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

JST : HPX :: PWJ : ?

- Ans
- 1. NTN
  - 2. MSR
  - 3. MTN
  - 4. NSP

Question ID : 65497842164  
Status : Answered  
Chosen Option : 1

Q.4 Which two signs should be interchanged to make the given equation correct?

$$16-18 \times 216 \div 432 + 40 = 20$$

Ans  1. + and -

2.  $\times$  and  $\div$

3.  $\times$  and +

4.  $\div$  and -

Question ID : 65497844400

Status : Answered

Chosen Option : 2

Q.5 If A denotes 'addition', B denotes 'multiplication', C denotes 'subtraction', and D denotes 'division', then what will be the value of the following expression?

$$(45 \text{ D } 9) \text{ B } 5 \text{ A } 8 \text{ B } (7 \text{ A } 3 \text{ C } 6) \text{ C } (28 \text{ D } (4 \text{ D } 4))$$

Ans  1. 82

2. 32

3. 29

4. 38

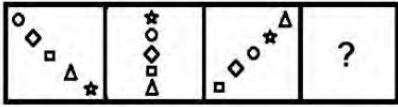
Question ID : 65497843995

Status : Answered

Chosen Option : 3

KD Job Updates

Q.6 Select the figure from among the given options that can replace the question mark (?) in the following series.

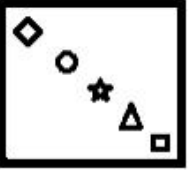


Ans

✓ 1.



✗ 2.



✗ 3.



✗ 4.



Question ID : 65497843998

Status : Answered

Chosen Option : 1

Q.7 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Serenity
2. Serpent
3. Serviceable
4. Sericulture
5. Serotonin

Ans ✓ 1. 1, 4, 5, 2, 3

✗ 2. 1, 4, 2, 5, 3

✗ 3. 3, 4, 5, 2, 1

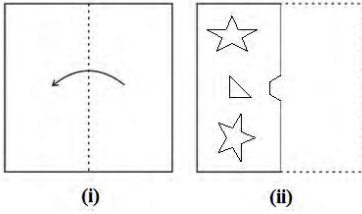
✗ 4. 2, 4, 5, 3, 1

Question ID : 65497843172

Status : Answered

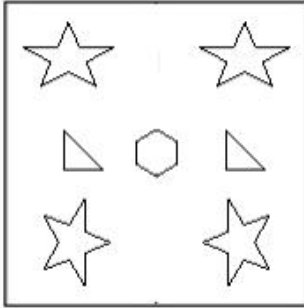
Chosen Option : 2

**Q.8** The sequence of folding a piece of paper (figure i) and the manner in which the folded paper has been cut (figure ii) is shown in the following figures. Select the option that would most closely resemble the unfolded form of figure (ii).

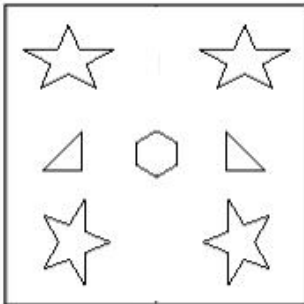


**Ans**

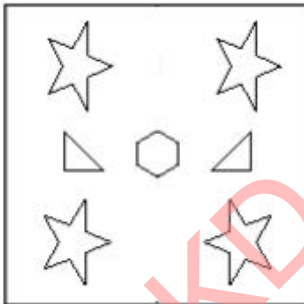
1.



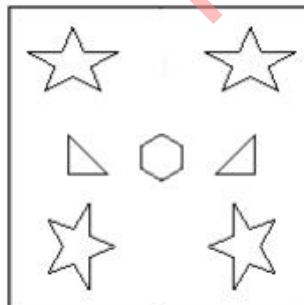
2.



3.



4.



Question ID : 65497842386  
 Status : Answered  
 Chosen Option : 4

Q.9 In a certain code language, 'TULIPS' is written as 'GFORKH'. How will 'GARDEN' be written in that language?

- Ans
- 1. SZIXVM
  - 2. TZIWUM
  - 3. TBIWVK
  - 4. TZIWVM

Question ID : 65497842973  
Status : Answered  
Chosen Option : 4

Q.10 Select the correct water image of the given combination.

5 9 2 1 6 R g m

- Ans
- 1. 2 9 5 J e B b w
  - 2. 9 2 5 J e B a w
  - 3. 2 6 5 J e B a w
  - 4. 2 9 5 J e B a w

Question ID : 65497844001  
Status : Answered  
Chosen Option : 3

Q.11 In a certain code language, 'GANGA' is coded as 21-3-42-21-3 and 'KOSHI' is coded as 33-45-57-24-27. How will 'GOMTI' be coded in that language?

- Ans
- 1. 14-45-26-60-27
  - 2. 21-45-39-60-27
  - 3. 21-30-39-40-18
  - 4. 14-30-39-40-18

Question ID : 65497842368  
Status : Answered  
Chosen Option : 2



Q.12 Select the option that is embedded in the given figure (X) (rotation is NOT allowed).



(X)

Ans

✗ 1.



✗ 2.



✓ 3.

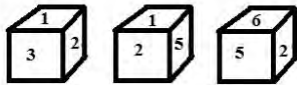


✗ 4.



Question ID : 65497843394  
Status : Answered  
Chosen Option : 3

Q.13 Three different positions of the same dice are shown. Study the same and identify which of the following statements is correct.



Ans

✗ 1. 1 is opposite to 4

✗ 2. 3 is opposite to 6

✓ 3. 6 is opposite to 1

✗ 4. 5 is opposite to 2

Question ID : 65497844403  
Status : Answered  
Chosen Option : 3

Q.14 Study the given pattern carefully and select the number from among the given options that can replace the question mark (?) in it.

13 16 52  
15 24 90  
23 36 ?

- Ans  1. 81  
 2. 108  
 3. 107  
 4. 117

Question ID : 65497843388  
Status : Not Answered  
Chosen Option : --

Q.15 The ratio of the sum of and the difference between two numbers is 6 : 5. Find the ratio of these two numbers.

- Ans  1. 3 : 2  
 2. 7 : 5  
 3. 2 : 3  
 4. 11 : 1

Question ID : 65497842175  
Status : Answered  
Chosen Option : 4

Q.16 'A # B' means 'A is the sister of B';  
'A \$ B' means 'A is the father of B'.  
'A @ B' means 'A is the wife of B'.  
'A % B' means 'A is the brother of B'.  
Which of the following options means 'J is the father of R'?

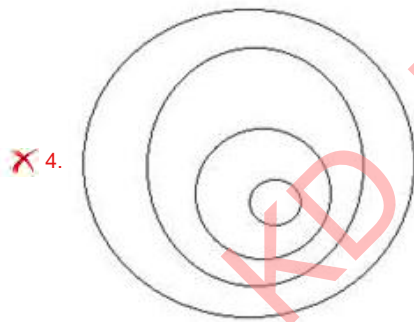
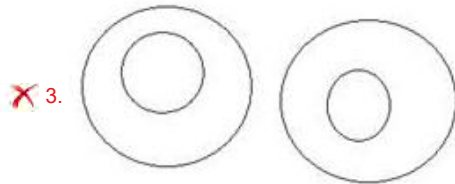
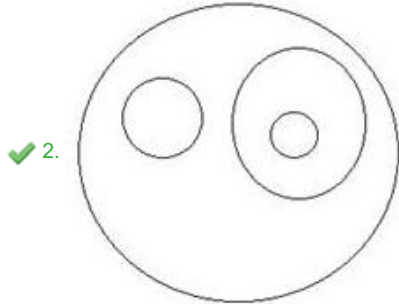
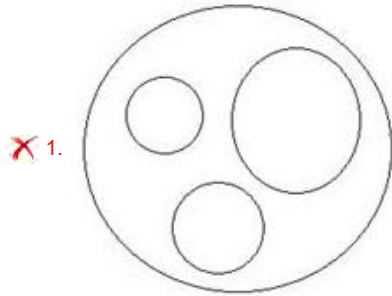
- Ans  1. C @ J % K \$ M # R  
 2. C @ R \$ K % M # J  
 3. C @ J \$ K % M # R  
 4. J @ C \$ K % M # R

Question ID : 65497843987  
Status : Answered  
Chosen Option : 3

Q.17 Select the Venn diagram that best represents the relationship between the following.

India, Delhi, Assam, Guwahati

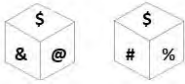
Ans



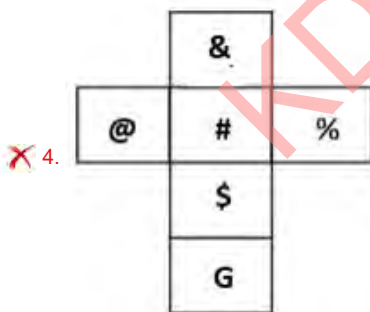
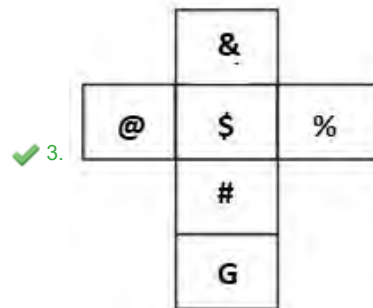
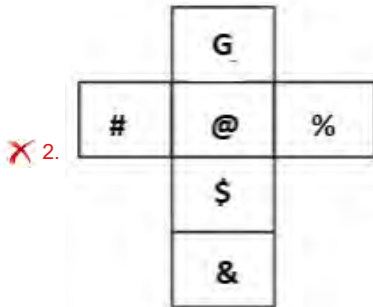
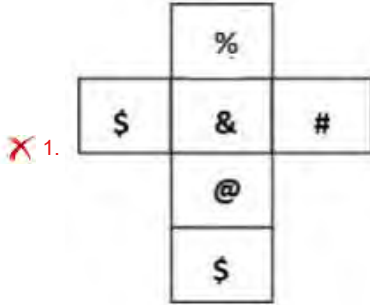
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Question ID : 65497842185  
Status : Answered  
Chosen Option : 2

**Q.18** Two orientations of a dice are shown. This dice can be obtained by folding which of the option figures along the lines?



**Ans**



Question ID : 65497842381  
Status : Answered  
Chosen Option : 3

**Q.19** In a certain code language, 'are you ready' is written as '541', 'we are going' is written as '261', and 'she is ready' is written as '498'. How will 'you' be written in that language?

Ans  1. 6

2. 1

3. 5

4. 4

Question ID : 65497843379

Status : Answered

Chosen Option : 3

**Q.20** Select the number from among the given options that can replace the question mark (?) in the following series.

1, 1, 2, 2, 6, 10, 42, ?, 1806

Ans  1. 1302

2. 1203

3. 1010

4. 1389

Question ID : 65497843384

Status : Not Answered

Chosen Option : --

**Q.21** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true even if it appears to be at variance with commonly known facts decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

All peelers are funnels.

Some peelers are spatulas.

**Conclusions:**

I. Some peelers are not funnels.

II. Some spatulas are peelers.

Ans  1. Both conclusions I and II follow.

2. Only conclusion II follows.

3. Neither conclusion I nor II follows.

4. Only conclusion I follows.

Question ID : 65497844393

Status : Answered

Chosen Option : 2

Q.22 Select the letter from among the given options that can replace the question mark (?) in the following series.

E, F, I, N, U, ?

- Ans  1. A  
 2. D  
 3. N  
 4. Z

Question ID : 65497842976  
Status : Answered  
Chosen Option : 2

Q.23 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

- Ans  1. EVAF  
 2. CXBH  
 3. KPUZ  
 4. TGLQ

Question ID : 65497843375  
Status : Answered  
Chosen Option : 2

Q.24 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

CALI, ZEGO, WIBU, TMWA, ?

- Ans  1. QPSF  
 2. QRQE  
 3. QQRE  
 4. QSPF

Question ID : 65497844383  
Status : Answered  
Chosen Option : 3

Q.25 Eight friends, A, B, C, D, E, F, G and H, are sitting in two lines of four persons each. Both the lines are facing each other. A is facing D. E is to the immediate left of G. H is to the immediate right of B. C is facing G. F is facing H. B is to the immediate right of the person who is facing G. D is to the immediate left of F. Which four persons are sitting in the same line?

- Ans  1. A, B, C, H  
 2. B, C, D, H  
 3. A, C, F, G  
 4. C, D, E, F

Question ID : 65497843988  
Status : Answered  
Chosen Option : 1

Q.1 श्री अकाल तख्त साहिब \_\_\_\_\_ परिसर के भीतर स्थित है।

- Ans  1. स्वर्ण मंदिर  
 2. पांवटा साहिब  
 3. पटना साहिब  
 4. गुरुद्वारा बंगला साहिब

Question ID : 65497844409  
Status : Answered  
Chosen Option : 1

Q.2 As of April 2021, \_\_\_\_\_ held the record for the highest individual Women's ODI cricket score by an Indian player. She was also the only Indian spinner to take six women's ODI wickets.

- Ans  1. Taniya Bhatia  
 2. Deepti Sharma  
 3. Radha Yadav  
 4. Punam Raut

Question ID : 65497842210  
Status : Not Answered  
Chosen Option : --

Q.3 The Fiscal Responsibility and Budget Management Act 2003 set a target to limit India's fiscal deficit up to \_\_\_\_\_ of the GDP by 2021.

- Ans  1. 2%  
 2. 3%  
 3. 6%  
 4. 5%

Question ID : 65497844008  
Status : Answered  
Chosen Option : 3

Q.4 निम्नलिखित में से किस नृत्य में नर्तक अपने सिर पर जले हुए दीयों वाले बर्तनों को संतुलित रखते हैं?

- Ans  1. धनगरी गजा नृत्य  
 2. कोली नृत्य  
 3. तमाशा नृत्य  
 4. चरी नृत्य

Question ID : 65497843398  
Status : Not Answered  
Chosen Option : --

**Q.5 Who was the Australian Open Women's Singles champion in 2021?**

- Ans
- 1. Serena Williams
  - 2. Venus Williams
  - 3. Jennifer Brady
  - 4. Naomi Osaka

Question ID : 65497844431  
Status : Answered  
Chosen Option : 4

**Q.6 Adar Poonawalla launched the Clean City initiative in Pune in the year \_\_\_\_\_.**

- Ans
- 1. 2018
  - 2. 2012
  - 3. 2010
  - 4. 2015

Question ID : 65497842395  
Status : Not Answered  
Chosen Option : --

**Q.7 Who among the following became a part of the Constituent Assembly from Madras Constituency in 1946?**

- Ans
- 1. Ammu Swaminathan
  - 2. Hansa Jivraj Mehta
  - 3. Kamla Chaudhry
  - 4. Begum Aizaz Rasul

Question ID : 65497843420  
Status : Not Answered  
Chosen Option : --

**Q.8 Solids like fats, grease and oil that float on top of liquid wastewater is called \_\_\_\_\_.**

- Ans
- 1. urea
  - 2. sludge
  - 3. compost
  - 4. peat

Question ID : 65497844413  
Status : Answered  
Chosen Option : 2

**Q.9 Which of the following statements was quoted by Subhash Chandra Bose?**

- Ans
- 1. Live as if you were to die tomorrow. Learn as if you were to live forever.
  - 2. The best way to find yourself is to lose yourself in the service of others.
  - 3. Give me blood and I will give you freedom.
  - 4. First, they ignore you, then they laugh at you, then they fight you, then you win.

Question ID : 65497842404  
Status : Answered  
Chosen Option : 3



Q.10 In order to get clean drinking water disinfectant is used after filtration. Disinfectant, however, is NOT used for removing:

- Ans
- 1. viruses
  - 2. parasites
  - 3. minerals
  - 4. bacteria

Question ID : 65497844013  
Status : Answered  
Chosen Option : 3

Q.11 'शंकुक (gnomon)' \_\_\_\_\_ का एक भाग है।

- Ans
- 1. सौर घड़ी
  - 2. बोलोमीटर
  - 3. दूरबीन
  - 4. ट्रांसफार्मर

Question ID : 65497843404  
Status : Not Answered  
Chosen Option : --

Q.12 The Vernacular Press Act of 1878 was repealed during the tenure of Viceroy \_\_\_\_\_.

- Ans
- 1. Lord Ripon
  - 2. Lord Dufferin
  - 3. Lord Lansdowne
  - 4. Lord Northbrook

Question ID : 65497844423  
Status : Answered  
Chosen Option : 1

Q.13 Who among the following Indian artists won the 'Joan Miro Prize' for the year 2019?

- Ans
- 1. Jogen Chowdhury
  - 2. Nalini Malani
  - 3. Anjolie Ela Menon
  - 4. Jiten Thukral

Question ID : 65497844021  
Status : Not Answered  
Chosen Option : --

Q.14 Which of the following is more suitable than the others for the growth of cashew nut?

- Ans
- 1. Red laterite soil
  - 2. Black cotton soil
  - 3. Alluvial soil
  - 4. Arid soil

Question ID : 65497844420  
Status : Answered  
Chosen Option : 1

Q.15 Ashokan Minor Rock Edicts are found in different parts of India. Which of the following is NOT a find spot of Ashokan Minor Rock Edicts in Karnataka?

- Ans  1. Brahmagiri  
 2. Gavimath  
 3. Rupnath  
 4. Maski

Question ID : 65497843412  
Status : Not Answered  
Chosen Option : --

Q.16 Under the National Urban Sanitation Policy, a city that scores points between 34 and 66 and needs considerable improvement is colour-coded \_\_\_\_\_.

- Ans  1. green  
 2. black  
 3. blue  
 4. red

Question ID : 65497842194  
Status : Answered  
Chosen Option : 3

Q.17 \_\_\_\_\_ सप्तपदी अनुष्ठान के पूरा होने पर विवाह को पूर्ण और बाध्यकारी मानता है।

- Ans  1. भारतीय ईसाई विवाह अधिनियम, 1862  
 2. हिंदू विवाह अधिनियम, 1955  
 3. मुस्लिम पर्सनल लॉ (शरीयत) एप्लीकेशन अधिनियम, 1937  
 4. पारसी विवाह और तलाक अधिनियम, 1936

Question ID : 65497842408  
Status : Answered  
Chosen Option : 2

Q.18 The Government of India imposed an Agriculture and Infrastructure Development Cess of \_\_\_\_\_ per litre on petrol through Union Budget 2021-22.

- Ans  1. ₹3.5  
 2. ₹3  
 3. ₹2.5  
 4. ₹4

Question ID : 65497842390  
Status : Answered  
Chosen Option : 3

**Q.19 Which of the following persons was named as Dean of Harvard Business School in October 2020?**

- Ans**
- 1. Sanjit Roy
  - 2. Achyuta Samanta
  - 3. Srikant Datar
  - 4. Nitin Nohria

Question ID : **65497842406**  
Status : **Not Answered**  
Chosen Option : --

**Q.20 Which of the following Amendments of the Constitution of India was enacted in 1993 to constitutionally recognise municipal governments?**

- Ans**
- 1. 73rd Constitutional Amendment Act (CAA), 1990
  - 2. 72nd Constitutional Amendment Act (CAA), 1989
  - 3. 74th Constitutional Amendment Act (CAA), 1992
  - 4. 71st Constitutional Amendment Act (CAA), 1988

Question ID : **65497844025**  
Status : **Answered**  
Chosen Option : **3**

**Q.21 The Annapurna peak belongs to which region of the Himalayas?**

- Ans**
- 1. Nepal
  - 2. Garhwal
  - 3. Bhutan
  - 4. Kumaon

Question ID : **65497843411**  
Status : **Answered**  
Chosen Option : **2**

**Q.22 As per WHO (World Health Organization), which of the following is NOT an example of disinfection by-products formed at traditional drinking water treatment plants?**

- Ans**
- 1. Titania
  - 2. Bromate
  - 3. Chlorate
  - 4. Chlorite

Question ID : **65497842196**  
Status : **Not Answered**  
Chosen Option : --

Q.23 The picture that won the World Press Photo of the Year 2021 contest is titled '\_\_\_\_\_'.  
KD Job Updates

- Ans  1. The First Embrace  
 2. Crying Girl on the Border  
 3. Emancipation Memorial Debate  
 4. Straight Voice

Question ID : 65497842205  
Status : Not Answered  
Chosen Option : --

Q.24 Which of the following states has the lowest female sex ratio according to the 2011 Census?

- Ans  1. Uttar Pradesh  
 2. Punjab  
 3. Sikkim  
 4. Haryana

Question ID : 65497844015  
Status : Not Answered  
Chosen Option : --

Q.25 Who among the following was the first Indian Governor of Reserve Bank of India?

- Ans  1. CD Deshmukh  
 2. HVR Lengar  
 3. PC Bhattacharya  
 4. LK Jha

Question ID : 65497842189  
Status : Answered  
Chosen Option : 1

Section : Quantitative Aptitude

Q.1 A shopkeeper bought toffees at a rate of 10 for ₹15 and sold them at a rate of 16 for ₹40. Find his profit percentage.  
(correct to two decimal places)

- Ans  1. 65.05%  
 2. 33.33%  
 3. 50.55%  
 4. 66.67%

Question ID : 65497844035  
Status : Answered  
Chosen Option : 4

**Q.2** 180 m ऊंचे जहाज के मास्टहेड से नाव का अवनमन कोण  $60^\circ$  है। जहाज से नाव की दूरी (m में) ज्ञात कीजिए।

- Ans**
- 1. 360
  - 2.  $60\sqrt{3}$
  - 3.  $180\sqrt{3}$
  - 4. 180

Question ID : 65497842231  
Status : Answered  
Chosen Option : 2

**Q.3** Find the value of the following expression:

$$\frac{4\frac{1}{3} + 3\frac{1}{3} \times 1\frac{4}{5} \div 3\frac{3}{4} \times \left(6\frac{1}{4} \text{ of } 1\frac{1}{15}\right)}{\frac{2}{3} \div \frac{5}{6} \times \frac{2}{3}}$$

- Ans**
- 1.  $28\frac{1}{8}$
  - 2.  $\frac{1}{8}$
  - 3.  $289\frac{3}{8}$
  - 4.  $12\frac{1}{2}$

Question ID : 65497842213  
Status : Answered  
Chosen Option : 1

**Q.4** Find the smallest number which should be added to the smallest number divisible by 6, 9 and 15 to make it a perfect square.

- Ans**
- 1. 10
  - 2. 9
  - 3. 19
  - 4. 21

Question ID : 65497842212  
Status : Answered  
Chosen Option : 1

**Q.5** The radii of two concentric circles with centre O are 26 cm and 16 cm. Chord AB of the larger circle is tangent to the smaller circle at C and AD is a diameter. What is the length of CD?

- Ans**
- 1. 42 cm
  - 2. 36 cm
  - 3. 35 cm
  - 4. 38 cm

Question ID : 65497844448  
Status : Not Answered  
Chosen Option : --

**Q.6** Find the sum of the greatest and the smallest number which may replace  $k$  in the number  $3281k6$  to make the number divisible by 6.

- Ans**
- 1. 9
  - 2. 8
  - 3. 5
  - 4. 4

Question ID : 65497844433  
Status : Answered  
Chosen Option : 2

**Q.7** A household appliances company offers two successive discounts of 20% and 35% on the sale of a food processor. What is the final sale price (in Rs, to the nearest rupee) of a food processor costing Rs 4580?

- Ans**
- 1. 2519
  - 2. 2977
  - 3. 2382
  - 4. 3664

Question ID : 65497844670  
Status : Answered  
Chosen Option : 3

**Q.8** If  $5x - \frac{1}{4x} = 6, x > 0$ , then find the value of  $25x^2 - \frac{1}{16x^2}$ .

- Ans**
- 1.  $6\sqrt{41}$
  - 2. 36
  - 3.  $\sqrt{246}$
  - 4.  $6\sqrt{31}$

Question ID : 65497842426  
Status : Not Answered  
Chosen Option : --

**Q.9** In triangle ABC, the bisector of angle BAC meets BC at point D in such a way that  $AB = 10$  cm,  $AC = 15$  cm and  $BD = 6$  cm. Find the length of BC (in cm).

- Ans**
- 1. 17
  - 2. 11
  - 3. 15
  - 4. 9

Question ID : 65497842429  
Status : Answered  
Chosen Option : 3

**Q.10** A and B working alone can complete a work in 8 days and 12 days, respectively. They started working together, but A left 2 days before completion of the work. In how many days was the work completed?

- Ans**
- 1. 6
  - 2. 5
  - 3. 8
  - 4. 10

Question ID : 65497844038  
Status : Answered  
Chosen Option : 1

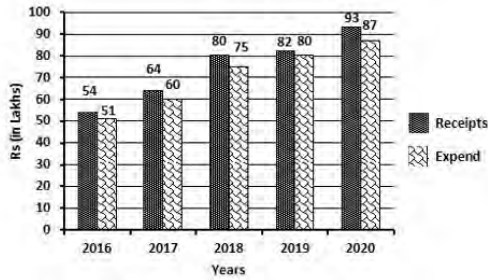
**Q.11** Person A started a business by investing ₹65,000. After a few months, B joined him by investing ₹50,000. Three months after the joining of B, C joined the two with an investment of ₹55,000. At the end of the year, A got 50% of profit as his share. For how many months did A alone finance the business?

- Ans**
- 1. 2
  - 2. 3
  - 3. 5
  - 4. 4

Question ID : 65497842420  
Status : Not Answered  
Chosen Option : --

**Q.12** The following bar graph shows receipts and expenditure by a business firm over 5 years. Gain = Receipts – Expenditure.

In which year did the company gain the minimum amount?



- Ans**
- 1. 2016
  - 2. 2017
  - 3. 2019
  - 4. 2018

Question ID : 65497842131  
Status : Answered  
Chosen Option : 3

**Q.13** Three positive numbers are in the ratio 2 : 3 : 4. The sum of their squares is 2349. The average of the first two numbers is:

- Ans**
- 1. 36
  - 2. 27.5
  - 3. 18
  - 4. 22.5

Question ID : 65497844436  
Status : Answered  
Chosen Option : 4

**Q.14** The sides of a triangular field are 360 m, 480 m and 600 m. Its area is equal to the area of a square field. What is the side (in m) of the square field?

- Ans**
- 1.  $120\sqrt{6}$
  - 2.  $160\sqrt{6}$
  - 3.  $160\sqrt{3}$
  - 4.  $120\sqrt{3}$

Question ID : 65497844444  
Status : Answered  
Chosen Option : 1



**Q.15** A person's salary was decreased by 50% and subsequently increased by 50%. By what much per cent does his salary increase or decrease?

- Ans**
- 1. Decrease 18%
  - 2. Increase 15%
  - 3. Increase 20%
  - 4. Decrease 25%

Question ID : 65497844438  
Status : Answered  
Chosen Option : 4

**Q.16** In a  $\Delta ABC$ , D, E and F are the mid-points of side BC, CA and AB respectively. If BC = 25.6 cm, CA = 18.8 cm and AB = 20.4 cm, what is the perimeter (in cm) of the  $\Delta DEF$ ?

- Ans**
- 1. 36.8
  - 2. 30.6
  - 3. 32.4
  - 4. 34.4

Question ID : 65497844046  
Status : Answered  
Chosen Option : 3

**Q.17** Find the value of the following expression:

$$\frac{(7.03)^3 - 0.027}{(7.03)^2 + 2.109 + (0.3)^2}$$

- Ans**
- 1. 7.06
  - 2. 7
  - 3. 7.33
  - 4. 6.73

Question ID : 65497844041  
Status : Answered  
Chosen Option : 4

**Q.18** Anil lent a sum of ₹5,000 on simple interest for 10 years in such a way that the rate of interest is 6% per annum for the first 2 years, 8% per annum for the next 2 years and 10% per annum beyond 4 years. How much interest (in ₹) will he earn at the end of 10 years?

- Ans**
- 1. 5,000
  - 2. 4,400
  - 3. 4,200
  - 4. 3,500

Question ID : 65497843431  
Status : Answered  
Chosen Option : 2

**Q.19** The breakup of the total number of employees of a company working in different offices (A to E), in degrees, is given in the pie chart.

Total number of employees = 2400.



If 40% of the number of employees in office A are shifted equally to office B and E, then what will be the sum of the number of employees in B and C?

- Ans**
- ✓ 1. 648
  - ✗ 2. 735
  - ✗ 3. 545
  - ✗ 4. 72

Question ID : 65497844456  
Status : Answered  
Chosen Option : 1

**Q.20** O is the centre of a circle of radius 10 cm. P is a point outside the circle and PQ is a tangent to the circle. What is the length (in cm) of PQ if the length OP is 26 cm?

- Ans**
- ✗ 1.  $2\sqrt{194}$
  - ✗ 2. 20
  - ✗ 3. 25
  - ✓ 4. 24

Question ID : 65497843437  
Status : Answered  
Chosen Option : 1

**Q.21** If  $A = 30^\circ$ , what is the value of:  $\frac{[8 \sin A + 11 \operatorname{cosec} A - \cot^2 A]}{10 \cos^2 A}$  ?

- Ans**
- ✗ 1.  $5\frac{1}{5}$
  - ✓ 2.  $4\frac{3}{5}$
  - ✗ 3.  $4\frac{2}{5}$
  - ✗ 4.  $3\frac{4}{5}$

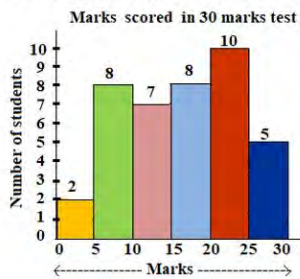
Question ID : 65497844048  
Status : Answered  
Chosen Option : 2

**Q.22** The distance between two stations A and B is 200 km. A train runs from A to B at a speed of 75 km/h, while another train runs from B to A at a speed of 85 km/h. What will be the distance between the two trains (in km) 3 minutes before they meet?

- Ans**
- 1. 5
  - 2. 8
  - 3. 10
  - 4. 6

Question ID : **65497842423**  
Status : **Answered**  
Chosen Option : **2**

**Q.23** The following histogram shows the marks scored by 40 students in a test of 30 marks. A student has to score a minimum of 10 marks to pass the test. What is the percentage of students who passed the test?

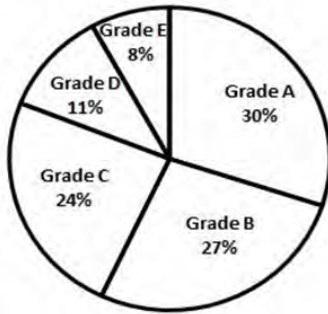


- Ans**
- 1. 75%
  - 2. 30%
  - 3. 72%
  - 4. 66.66%

Question ID : **65497843447**  
Status : **Answered**  
Chosen Option : **1**

Q.24 Performance of 1800 students in grades has been shown in the following pie chart.

The number of students getting grade B is what percentage of the number of students getting grade A?



- Ans
- 1. 97%
  - 2. 90%
  - 3. 95%
  - 4. 85%

Question ID : 65497842233  
Status : Answered  
Chosen Option : 2

Q.25 If  $(2 \cos A + 1)(2 \cos A - 1) = 0$ ,  $0^\circ < A \leq 90^\circ$ , then find the value of A.

- Ans
- 1.  $90^\circ$
  - 2.  $45^\circ$
  - 3.  $30^\circ$
  - 4.  $60^\circ$

Question ID : 65497842431  
Status : Answered  
Chosen Option : 4

Section : English Comprehension

Q.1 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

If Vinay has the book why he is not giving you?

- Ans
- 1. he not giving it to you
  - 2. is he not giving it to you
  - 3. he is not gave to you
  - 4. No substitution required

Question ID : 65497842250  
Status : Not Answered  
Chosen Option : --

**Q.2** Select the option that can be used as a one-word substitute for the given group of words.

**A person above a hundred years in age**

- Ans**  1. Centenarian  
 2. Venerable  
 3. Aged  
 4. Geriatric

Question ID : 65497844077  
Status : Answered  
Chosen Option : 1

**Q.3** Select the most appropriate ANTONYM of the given word.

**Frenzy**

- Ans**  1. Craze  
 2. Rage  
 3. Calm  
 4. Fury

Question ID : 65497843467  
Status : Answered  
Chosen Option : 3

**Q.4** Select the most appropriate option to fill in the blank.

The new Vande Bharat trains will have some additional \_\_\_\_\_ such as emergency windows for evacuation, disaster lights etc.

- Ans**  1. types  
 2. qualities  
 3. features  
 4. pieces

Question ID : 65497844079  
Status : Answered  
Chosen Option : 3

**Q.5** Select the option that expresses the given sentence in reported speech.

**Mother said to her, "I expected a better result from you."**

- Ans**  1. Mother told her that she had expected a better result from her.  
 2. Mother told her that she expected a better result from her.  
 3. Mother told her that she was expecting a better result from you.  
 4. Mother told her that she expected a better result from you.

Question ID : 65497843460  
Status : Answered  
Chosen Option : 1

**Q.6 Select the most appropriate meaning of the given idiom.**

**Hit a brick wall**

- Ans**  1. Demolish a brick wall  
 2. Not able to make any progress  
 3. Use physical force  
 4. Fight a powerful foe

Question ID : **65497843469**  
Status : **Answered**  
Chosen Option : **2**

**Q.7 Select the most appropriate meaning of the given idiom.**

**To sit on the fence**

- Ans**  1. Occupy a bench next to a boundary  
 2. Avoid taking sides  
 3. Take a high seat  
 4. Place something on a barrier

Question ID : **65497844478**  
Status : **Answered**  
Chosen Option : **2**

**Q.8 Select the option that can be used as a one-word substitute for the given group of words.**

**A person who collects or studies stamps**

- Ans**  1. Numismatist  
 2. Hoarder  
 3. Collector  
 4. Philatelist

Question ID : **65497842460**  
Status : **Answered**  
Chosen Option : **4**

**Q.9 Select the option that expresses the given sentence in active voice.**

**Rishabh was declared fit to play the next match.**

- Ans**  1. Rishabh declared them fit to play the next match.  
 2. They will declare Rishabh fit to play the next match.  
 3. They declared Rishabh fit to play the next match.  
 4. They had declared Rishabh fit to play the next match.

Question ID : **65497842240**  
Status : **Answered**  
Chosen Option : **3**

**Q.10** Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

Whom was the person that you wanted me to contact there?

- Ans**
- 1. No substitution required
  - 2. Who is the person
  - 3. Whom is the person
  - 4. Whom were the persons

Question ID : 65497844471  
Status : Answered  
Chosen Option : 2

**Q.11** Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

- A. The British were exploiting the indigo farmers in the area.
- B. He lived in the district until the exploitation of the farmers was successfully stopped.
- C. Gandhiji's Satyagraha for India's Independence began with the famous 'Champaran movement' in Bihar.
- D. So, Gandhiji visited Motihari, the district headquarters of Champaran, in 1917 to protest against the British.

- Ans**
- 1. ADBC
  - 2. CABD
  - 3. ACBD
  - 4. CADB

Question ID : 65497842251  
Status : Answered  
Chosen Option : 4

**Q.12** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Paul was / bited by a dog / when he / was a child.

- Ans**
- 1. when he
  - 2. bited by a dog
  - 3. Paul was
  - 4. was a child

Question ID : 65497843451  
Status : Answered  
Chosen Option : 2

**Q.13** The following sentence has been divided into parts. One of them contains an error.  
Select the part that contains the error from the given options.

You and I / have submitted / your work / on time.

- Ans**  1. on time  
 2. your work  
 3. have submitted  
 4. You and I

Question ID : 65497844257  
Status : Answered  
Chosen Option : 2

**Q.14** The following sentence has been divided into parts. One of them may contain a grammatical error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

They ordered the whole area / to be disinfected / on the earliest.

- Ans**  1. to be disinfected  
 2. They ordered the whole area  
 3. on the earliest  
 4. No error

Question ID : 65497842440  
Status : Not Answered  
Chosen Option : --

**Q.15** Select the INCORRECTLY spelt word.

- Ans**  1. Voluntary  
 2. Disparity  
 3. Continuance  
 4. Convincing

Question ID : 65497842462  
Status : Answered  
Chosen Option : 3

**Q.16** Select the most appropriate synonym of the given word.

Honest

- Ans**  1. Secretive  
 2. Sincere  
 3. Daring  
 4. Strange

Question ID : 65497842252  
Status : Answered  
Chosen Option : 2



**Q.17** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

I did not / buy neither / of the / two dresses.

- Ans**
- 1. two dresses
  - 2. of the
  - 3. I did not
  - 4. buy neither

Question ID : 65497843145  
Status : Answered  
Chosen Option : 4

**Q.18** Select the option that expresses the given sentence in passive voice.

She baked a large blueberry cake.

- Ans**
- 1. A large blueberry cake was being baked by her.
  - 2. A large blueberry cake has been baked by her.
  - 3. A large blueberry cake was baked by her.
  - 4. A large blueberry cake is baked by her.

Question ID : 65497842443  
Status : Answered  
Chosen Option : 3

**Q.19** Select the most appropriate ANTONYM of the given word.

GRACEFUL

- Ans**
- 1. Awkward
  - 2. Dignified
  - 3. Refined
  - 4. Polite

Question ID : 65497844476  
Status : Answered  
Chosen Option : 1

**Q.20** Select the most appropriate synonym of the given word.

Imbue

- Ans**
- 1. Remove
  - 2. Clear
  - 3. Instil
  - 4. Deprive

Question ID : 65497842455  
Status : Answered  
Chosen Option : 4

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

(1) \_\_\_\_\_ changes in science and technology lead to modernisation of technology as well as upgradation of knowledge. In order to upgrade or modernise technology, management must (2) \_\_\_\_\_ employees to accept new technology. (3) \_\_\_\_\_ training of staff becomes necessary to update their knowledge and to (4) \_\_\_\_\_ their skills. This is possible only (5) \_\_\_\_\_ effective communication between the management and the employees.

**SubQuestion No : 21**

**Q.21 Select the most appropriate option for blank 1.**

- Ans**  1. No  
 2. Slow  
 3. Ultimate  
 4. Rapid

Question ID : **65497844061**  
Status : **Answered**  
Chosen Option : **4**

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

(1) \_\_\_\_\_ changes in science and technology lead to modernisation of technology as well as upgradation of knowledge. In order to upgrade or modernise technology, management must (2) \_\_\_\_\_ employees to accept new technology. (3) \_\_\_\_\_ training of staff becomes necessary to update their knowledge and to (4) \_\_\_\_\_ their skills. This is possible only (5) \_\_\_\_\_ effective communication between the management and the employees.

**SubQuestion No : 22**

**Q.22 Select the most appropriate option for blank 2.**

- Ans**  1. dissuade  
 2. discourage  
 3. persuade  
 4. deactivate

Question ID : **65497844062**  
Status : **Answered**  
Chosen Option : **3**

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

(1) \_\_\_\_\_ changes in science and technology lead to modernisation of technology as well as upgradation of knowledge. In order to upgrade or modernise technology, management must (2) \_\_\_\_\_ employees to accept new technology. (3) \_\_\_\_\_ training of staff becomes necessary to update their knowledge and to (4) \_\_\_\_\_ their skills. This is possible only (5) \_\_\_\_\_ effective communication between the management and the employees.

**SubQuestion No : 23**

**Q.23 Select the most appropriate option for blank 3.**

- Ans  1. Intermittent  
 2. Irregular  
 3. Regular  
 4. Improper

Question ID : 65497844063

Status : Answered

Chosen Option : 1

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

(1) \_\_\_\_\_ changes in science and technology lead to modernisation of technology as well as upgradation of knowledge. In order to upgrade or modernise technology, management must (2) \_\_\_\_\_ employees to accept new technology. (3) \_\_\_\_\_ training of staff becomes necessary to update their knowledge and to (4) \_\_\_\_\_ their skills. This is possible only (5) \_\_\_\_\_ effective communication between the management and the employees.

**SubQuestion No : 24**

**Q.24 Select the most appropriate option for blank 4.**

- Ans  1. hamper  
 2. enhance  
 3. imitate  
 4. decrease

Question ID : 65497844064

Status : Answered

Chosen Option : 2

**Comprehension:**

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

(1) \_\_\_\_\_ changes in science and technology lead to modernisation of technology as well as upgradation of knowledge. In order to upgrade or modernise technology, management must (2) \_\_\_\_\_ employees to accept new technology. (3) \_\_\_\_\_ training of staff becomes necessary to update their knowledge and to (4) \_\_\_\_\_ their skills. This is possible only (5) \_\_\_\_\_ effective communication between the management and the employees.

**SubQuestion No : 25**

**Q.25** Select the most appropriate option for blank 5.

**Ans**

1. by

2. through

3. throughout

4. with

Question ID : **65497844065**

Status : **Answered**

Chosen Option : **2**

KD Job Updates

## Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate Name	
Venue Name	Indraprastha Public School
Exam Date	21/04/2022
Exam Time	12:30 PM - 1:30 PM
Subject	CGLE 2021 Tier I

Section : **General Intelligence and Reasoning**

**Q.1** Four friends, H, I, J and K, are sitting at the four corners of a square facing towards the centre. H and J are sitting at diagonally opposite corners. I is sitting to the immediate left of H. Who is sitting to the immediate right of J?

- Ans
- 1. H
  - 2. K
  - 3. J
  - 4. I

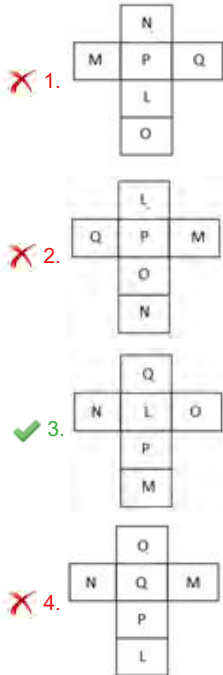
Question ID : **65497842675**  
Status : **Answered**  
Chosen Option : **2**

KD Job Updates

Q.2 Two orientations of the same box are shown. How will this box look when unfolded?



Ans



Question ID : 65497842179  
Status : Answered  
Chosen Option : 3

Q.3 In a certain code, 'Tim Dim Kim' means 'India Is Big' and 'Dim Gim Kim Se Rim' means 'Tiger Is A Big Cat'. Which of the following is the code for 'India'?

Ans

- ✓ 1. Tim
- ✗ 2. Dim
- ✗ 3. Gim
- ✗ 4. Kim

Question ID : 65497842874  
Status : Answered  
Chosen Option : 1

Q.4 If 80% of a number is 768, what will be 40% of 5% of that number?

Ans

- ✗ 1. 16.4
- ✗ 2. 13.5
- ✓ 3. 19.2
- ✗ 4. 20.6

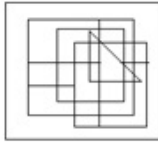
Question ID : 65497842781  
Status : Answered  
Chosen Option : 3

**Q.5** Select the option in which the given figure is embedded (rotation is NOT allowed).

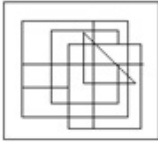


**Ans**

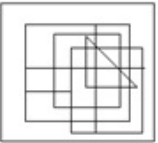
1.



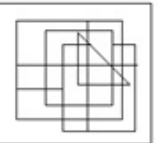
2.



3.



4.



Question ID : **65497842889**  
Status : **Answered**  
Chosen Option : **3**

**Q.6** In a certain code language, 'MOHAN' is coded as 39-45-24-3-42 and 'KABIR' is coded as 33-3-6-27-54. How will 'RAGHU' be coded in that language?

**Ans**  1. 54-3-21-24-63

2. 36-2-14-24-42

3. 36-3-14-16-63

4. 54-2-21-16-42

Question ID : **65497842166**  
Status : **Answered**  
Chosen Option : **1**

**Q.7** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

Some spades are knives.

All knives are rakes.

**Conclusions:**

I. Some knives are spades.

II. Some rakes are knives.

- Ans**  1. Both conclusions I and II follow.  
 2. Only conclusion II follows.  
 3. Only conclusion I follows.  
 4. Neither conclusion I nor II follows.

Question ID : 65497844191  
Status : Answered  
Chosen Option : 1

**Q.8** Select the option that is related to the third number in the same way as the second number is related to the first number.

13 : 1728 :: 17 : ?

- Ans**  1. 1928  
 2. 4096  
 3. 3218  
 4. 2043

Question ID : 65497842174  
Status : Answered  
Chosen Option : 2

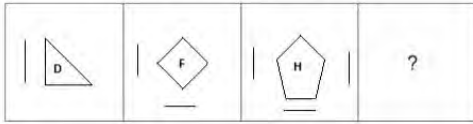
**Q.9** Introducing Reshma to a guest, a lady, Karishma, said, "She is the daughter of my father-in-law's daughter". How is Reshma related to Karishma?

- Ans**  1. sister-in-law  
 2. Sister  
 3. Cousin  
 4. Niece

Question ID : 65497842674  
Status : Answered  
Chosen Option : 4

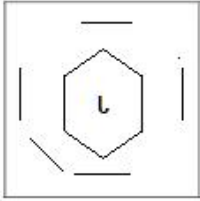


**Q.10** Select the figure from among the given options that can replace the question mark (?) in the following series.

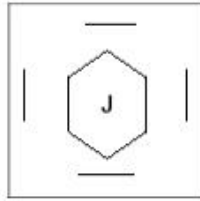


**Ans**

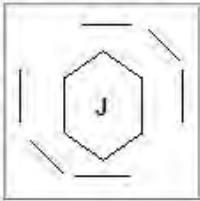
1.



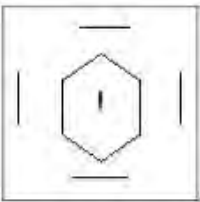
2.



3.



4.



Question ID : 65497842685  
 Status : Answered  
 Chosen Option : 2

**Q.11** Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

**GTQ : JVP :: SDK : ?**

**Ans**  1. VFJ

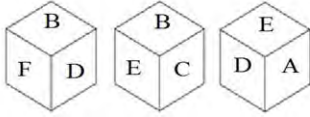
2. UGF

3. UEK

4. VGK

Question ID : 65497842770  
 Status : Answered  
 Chosen Option : 1

**Q.12** Three different positions of the same dice are shown. Select the letter that will be on the face opposite to the face having the letter 'C'.



- Ans**
- 1. A
  - 2. B
  - 3. E
  - 4. D

Question ID : 65497844201  
Status : Answered  
Chosen Option : 4

**Q.13** Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

CLAY, DIFX, EFKW, FCPV, ?

- Ans**
- 1. HZUW
  - 2. GZUU
  - 3. HUZT
  - 4. GUZU

Question ID : 65497844181  
Status : Answered  
Chosen Option : 2

**Q.14** Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the one that is different.

- Ans**
- 1. CEV
  - 2. QSH
  - 3. KMN
  - 4. MPI

Question ID : 65497842870  
Status : Answered  
Chosen Option : 4

**Q.15** Select the number from among the given options that can replace the question mark (?) in the following series.

14, 20, 34, 72, 182, ?

- Ans**
- 1. 308
  - 2. 508
  - 3. 580
  - 4. 380

Question ID : 65497844193  
Status : Answered  
Chosen Option : 2

**Q.16** Select the number from among the given options that can replace the question mark (?) in the following series.

74, 101, 128, 155, ?

Ans  1. 198

2. 173

3. 210

4. 182

Question ID : 65497842879  
Status : Answered  
Chosen Option : 4

**Q.17** Study the given pattern carefully and select the number from among the given options that can replace the question mark (?) in it.

12 36 60

72 3 4 63 4 12 98 ? 15

12 9 14

Ans  1. 4

2. 5

3. 2

4. 3

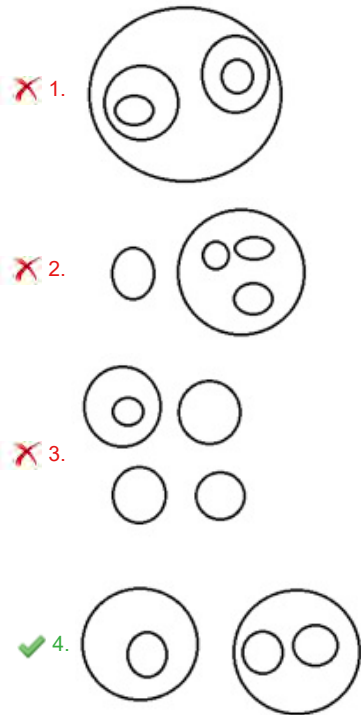
Question ID : 65497842883  
Status : Answered  
Chosen Option : 4

KD Job Updates

Q.18 Select the Venn diagram that best represents the relationship between the following.

Infectious diseases, Deficiency diseases, Goitre, Rickets, Chickenpox.

Ans



Question ID : 65497842791  
Status : Answered  
Chosen Option : 4

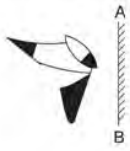
Q.19 Which two numbers (NOT digits) need to be interchanged to make the following equation correct?

$$8 + 48 \div 12 \times 5 - 13 = 29$$

- Ans  1. 8 and 5  
 2. 13 and 8  
 3. 8 and 12  
 4. 12 and 13

Question ID : 65497842682  
Status : Answered  
Chosen Option : 3

**Q.20** Select the correct mirror image of the given figure when the mirror is placed at 'AB' as shown.



**Ans**

✓ 1.



✗ 2.



✗ 3.



✗ 4.



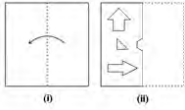
Question ID : 65497842688

Status : Answered

Chosen Option : 1

KD Job Updates

**Q.21** The sequence of folding a piece of paper (figure i) and the manner in which the folded paper has been cut (figure ii) is shown in the following figures. Select the option that would most closely resemble the unfolded form of figure (ii).



**Ans**

- 1.
- 2.
- 3.
- 4.

Question ID : 65497842184  
 Status : Answered  
 Chosen Option : 2

**Q.22** Which two signs should be interchanged to make the given equation correct?

$$13+15\times 8 \div 96-4=109$$

- Ans**
- 1. + and -
  - 2. + and +
  - 3. - and +
  - 4. × and -

Question ID : 65497844198  
 Status : Answered  
 Chosen Option : 1

Q.23 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

IMM\_ \_ILEI\_ \_OBI\_ \_IMMO\_ \_LE

- Ans  1. OBLMLBIE  
 2. OBMMLEBI  
 3. BOMLMEIB  
 4. BOLMLIEB

Question ID : 65497843582  
Status : Answered  
Chosen Option : 2

Q.24 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Malice
2. Malignant
3. Mallows
4. Malfunction
5. Malware

- Ans  1. 4, 2, 1, 3, 5  
 2. 1, 4, 3, 2, 5  
 3. 4, 1, 2, 5, 3  
 4. 4, 1, 2, 3, 5

Question ID : 65497842970  
Status : Answered  
Chosen Option : 4

Q.25 In a certain code language, 'BLUES' is written as 'HVFOY'. How will 'FORCED' be written in that language?

- Ans  1. ULIXVW  
 2. XVWLIU  
 3. WVXILU  
 4. WVXJKU

Question ID : 65497843579  
Status : Answered  
Chosen Option : 1

Section : General Awareness

Q.1 As per the provisions of Union Budget 2021-22, how many public sector banks have been lined up for disinvestment?

- Ans  1. Seven  
 2. Three  
 3. Two  
 4. Five

Question ID : 65497842695  
Status : Marked For Review  
Chosen Option : 4

**Q.2 Colloidal systems – such as gum, starch, proteins, cellulose, agar and gelatine – when placed in water, will absorb a large volume of water and swell up. These substances are called \_\_\_\_\_.**

- Ans**
- 1. porins
  - 2. apoplasts
  - 3. combustibles
  - 4. imbibants

Question ID : **65497842899**  
Status : **Not Answered**  
Chosen Option : --

**Q.3 Gulzar was awarded the 66th Filmfare Award for 'Best Lyrics' for the film \_\_\_\_\_.**

- Ans**
- 1. Thappad
  - 2. Sir
  - 3. Chhapaak
  - 4. Ludo

Question ID : **65497842708**  
Status : **Marked For Review**  
Chosen Option : 4

**Q.4 Which of the following statements is/are correct?**

- I. Gandhi Peace Prize is an annual award instituted by Government of India since 1995.
- II. The award is open to all persons regardless of nationality, race, language, caste, creed or sex.
- III. The Gandhi Peace Prize for the year 2020 was conferred on Bangabandhu Sheikh Mujibur Rahman.

- Ans**
- 1. Only I and II
  - 2. Only I
  - 3. I, II and III
  - 4. Only III

Question ID : **65497842811**  
Status : **Answered**  
Chosen Option : 3

**Q.5 Which of the following is NOT a broad mitigation technique of landslide?**

- Ans**
- 1. Construction of retention wall to stop land from slipping
  - 2. The surface drainage control works to control the movement of landslide along with rain water and spring flows.
  - 3. Hazard mapping to locate areas prone to landslides
  - 4. Reduction in the vegetation cover to arrest landslide

Question ID : **65497844218**  
Status : **Answered**  
Chosen Option : 4



**Q.6 The 61st Amendment to the Constitution of India \_\_\_\_\_.**

- Ans**
- 1. restricted the size of council of ministers to 15% of the number of legislative members
  - 2. reduced the age for voting from 21 to 18 years
  - 3. substituted 'Odia' for 'Oriya'
  - 4. exempted Arunachal Pradesh from reservation for Scheduled Castes in Panchayati Raj institutions

Question ID : **65497842712**  
Status : **Answered**  
Chosen Option : **2**

**Q.7 Which of the following is the middle layer in the root apical meristem that gives rise to the cortex?**

- Ans**
- 1. Periblem
  - 2. Calyptrogen
  - 3. Dermatogen
  - 4. Plerome

Question ID : **65497842700**  
Status : **Not Answered**  
Chosen Option : --

**Q.8 Which of the following is NOT a type of mosquito?**

- Ans**
- 1. Limulus
  - 2. Culex
  - 3. Aedes
  - 4. Anopheles

Question ID : **65497844211**  
Status : **Not Answered**  
Chosen Option : --

**Q.9 Which of the following decades was proclaimed by the General Assembly of the United Nations as the International Decade for action on 'Water for life'?**

- Ans**
- 1. 1994 - 2004
  - 2. 1972 - 1982
  - 3. 1983 - 1993
  - 4. 2005 - 2015

Question ID : **65497842800**  
Status : **Marked For Review**  
Chosen Option : **1**

**Q.10** The Directive Principles of State Policy in the Constitution of India were borrowed from the \_\_\_\_\_ Constitution.

- Ans**
- 1. Spanish
  - 2. Norwegian
  - 3. Irish
  - 4. Australian

Question ID : **65497842915**  
Status : **Answered**  
Chosen Option : **3**

**Q.11** Mridula Sinha, who passed away in November 2020, was the first woman Governor of \_\_\_\_\_.

- Ans**
- 1. Goa
  - 2. Mizoram
  - 3. Tripura
  - 4. Haryana

Question ID : **65497842204**  
Status : **Marked For Review**  
Chosen Option : **4**

**Q.12** Which of the following is the horizontal distance between two successive crests?

- Ans**
- 1. Wave height
  - 2. Wave period
  - 3. Wave frequency
  - 4. Wave length

Question ID : **65497842702**  
Status : **Answered**  
Chosen Option : **2**

**Q.13** The Hindu Marriage Act was enacted in the year \_\_\_\_\_.

- Ans**
- 1. 1956
  - 2. 1952
  - 3. 1953
  - 4. 1955

Question ID : **65497842206**  
Status : **Marked For Review**  
Chosen Option : **4**

**Q.14 Which of the following countries hosted the ITTF (International Table Tennis Federation) Women's World Cup 2020?**

- Ans**  1. Singapore  
 2. China  
 3. Japan  
 4. South Korea

Question ID : **65497844229**  
Status : **Marked For Review**  
Chosen Option : **4**

**Q.15 The Ghoom Monastery is located in:**

- Ans**  1. Gangtok  
 2. Namchi  
 3. Kalimpong  
 4. Darjeeling

Question ID : **65497844207**  
Status : **Answered**  
Chosen Option : **1**

**Q.16 Which of the following British officers issued the infamous 'crawling order' whereby Indians had to crawl on all fours to pass an alley?**

- Ans**  1. General Dyer  
 2. Warren Hastings  
 3. Lord Irwin  
 4. Lord Curzon

Question ID : **65497842202**  
Status : **Marked For Review**  
Chosen Option : **4**

**Q.17 According to the Central Ground Water Board, BIS (IS\_10500 and revised module IS 10500:2012) specifications in Uniform Drinking Water Quality Monitoring Protocol, what is the acceptable pH value of drinking water specification in India?**

- Ans**  1. 5.5 - 7.5  
 2. 4.5 - 9.5  
 3. 6.5 - 8.5  
 4. 3.5 - 5.5

Question ID : **65497842802**  
Status : **Answered**  
Chosen Option : **3**

Q.18 Who among the following Indian freedom fighters was fondly called Gandhi Buri (Old Lady Gandhi) for her dedication towards Gandhian principles?

- Ans  1. Kamla Chaudhary  
 2. Leela Roy  
 3. Dakshayani Velayudhan  
 4. Matangini Hazra

Question ID : 65497844221  
Status : Marked For Review  
Chosen Option : 3

Q.19 Who among the following was named sportsman of the decade (Individual non-Olympic sports) at the 2021 Sportstar ACES Awards?

- Ans  1. Pentala Harikrishna  
 2. Vidit Santosh Gujrathi  
 3. Viswanathan Anand  
 4. Baskaran Adhiban

Question ID : 65497842816  
Status : Answered  
Chosen Option : 3

Q.20 A distinct 'Dhrupad style' is associated with the \_\_\_\_\_ gharana.

- Ans  1. Ajrada  
 2. Nathdwara  
 3. Jafferkhani  
 4. Bishnupur

Question ID : 65497842893  
Status : Not Answered  
Chosen Option : --

Q.21 Normally, there is a \_\_\_\_\_ day interval between spring tides and neap tides.

- Ans  1. nine  
 2. two  
 3. four  
 4. seven

Question ID : 65497842906  
Status : Marked For Review  
Chosen Option : 4

**Q.22** Finance Minister Nirmala Sitharaman announced the setting up of \_\_\_\_\_ mega textile parks across the country over three years, in her Budget 2021-22 speech.

- Ans**  1. seven  
 2. five  
 3. three  
 4. nine

Question ID : **65497842188**  
Status : **Marked For Review**  
Chosen Option : **2**

**Q.23** The ancient city of Champa is believed to be the capital of \_\_\_\_\_ Mahajanapada.

- Ans**  1. Anga  
 2. Kashi  
 3. Matsya  
 4. Vajji

Question ID : **65497842907**  
Status : **Marked For Review**  
Chosen Option : **4**

**Q.24** As per World Justice Project 2020, what is India's rank in Regulatory Enforcement as cited in Economic Survey of India 2021?

- Ans**  1. 56  
 2. 79  
 3. 62  
 4. 74

Question ID : **65497842795**  
Status : **Not Answered**  
Chosen Option : **--**

**Q.25** \_\_\_\_\_, the world's first sailing boat made entirely from plastic waste, aims to raise people's awareness of plastic pollution in oceans.

- Ans**  1. Flipflopi  
 2. Blipblopi  
 3. Snipsnopi  
 4. Triptropi

Question ID : **65497842193**  
Status : **Marked For Review**  
Chosen Option : **1**

Section : **Quantitative Aptitude**

**Q.1** A tyre has two punctures. The first puncture alone would have made the tyre flat in 45 minutes, and the second puncture alone would have done it in 90 minutes. If air leaks out at a constant rate, then how long (in minutes) does it take for both the punctures together to make the tyre flat?

- Ans**
- 1. 30
  - 2. 15
  - 3. 40
  - 4. 45

Question ID : 65497842725  
Status : Answered  
Chosen Option : 1

**Q.2** If  $\operatorname{cosec} A = \sec B$ , where A and B are acute angles, then what is the value of  $(A + B)$ ?

- Ans**
- 1.  $0^\circ$
  - 2.  $135^\circ$
  - 3.  $90^\circ$
  - 4.  $45^\circ$

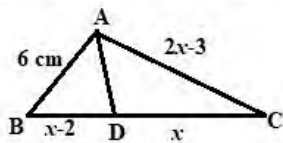
Question ID : 65497842229  
Status : Answered  
Chosen Option : 3

**Q.3** In  $\triangle ABC$ , the perpendiculars drawn from A, B and C meet the opposite sides at points D, E and F, respectively. AD, BE and CF intersect at point P. If  $\angle EPD = 110^\circ$  and the bisectors of  $\angle A$  and  $\angle B$  meet at point Q, then  $\angle AQB = ?$

- Ans**
- 1.  $115^\circ$
  - 2.  $110^\circ$
  - 3.  $135^\circ$
  - 4.  $125^\circ$

Question ID : 65497842733  
Status : Answered  
Chosen Option : 4

**Q.4** In the following figure, AD bisects angle BAC. Find the length (in cm) of BD.



- Ans**
- 1. 4
  - 2. 5
  - 3. 9
  - 4. 6

Question ID : 65497842227  
Status : Answered  
Chosen Option : 1

**Q.5** A solid cone of radius 7 cm and height 7 cm was melted along with two solid spheres of radius 7 cm each to form a solid cylinder of radius 7 cm. What is the curved surface area (in  $\text{cm}^2$ ) of the cylinder?

(Use  $\pi = \frac{22}{7}$ )

- Ans**
- 1. 924
  - 2. 880
  - 3. 2196
  - 4. 482

Question ID : 65497843737  
Status : Answered  
Chosen Option : 1

**Q.6** What is the compound interest (in ₹) on a sum of ₹62,500 for 2 years at 12% p.a., if the interest is compounded 8-monthly?

- Ans**
- 1. 18,342
  - 2. 16,232
  - 3. 13,428
  - 4. 16,548

Question ID : 65497842926  
Status : Answered  
Chosen Option : 2

**Q.7** The selling price of a mobile phone is ₹59,620 and it was sold at 8.4% profit. The cost price (in ₹) of the mobile phone is:

- Ans**
- 1. 52,000
  - 2. 55,000
  - 3. 45,000
  - 4. 50,000

Question ID : 65497842722  
Status : Answered  
Chosen Option : 2

**Q.8** If  $a^2 + b^2 = 65$  and  $ab = 8$ ,  $a > b > 0$ , then find the value of  $a^2 - b^2$ .

- Ans**
- 1. 72
  - 2. 60
  - 3. 65
  - 4. 63

Question ID : 65497842224  
Status : Answered  
Chosen Option : 4

**Q.9** AB is the diameter of a circle with centre O. C and D are two points on the circle on either side of AB, such that  $\angle CAB = 52^\circ$  and  $\angle ABD = 47^\circ$ . What is the difference (in degrees) between the measures of  $\angle CAD$  and  $\angle CBD$ ?

- Ans**
- 1. 10
  - 2. 15
  - 3. 25
  - 4. 20

Question ID : 65497842932  
Status : Answered  
Chosen Option : 1

**Q.10** What is the sum of the numbers between 400 and 500 such that when they are divided by 6, 12 and 16, it leaves no remainder?

- Ans**
- 1. 480
  - 2. 1024
  - 3. 960
  - 4. 912

Question ID : 65497842818  
Status : Answered  
Chosen Option : 4

**Q.11** If a nine-digit number  $485x3678y$  is divisible by 72, then for the smallest value of x, the value of  $(2y - 3x)$  is:

- Ans**
- 1. 6
  - 2. 9
  - 3. 11
  - 4. 8

Question ID : 65497844231  
Status : Answered  
Chosen Option : 4

**Q.12** If  $x^4 - 79x^2 + 1 = 0$ , then a value of  $x + x^{-1}$  can be:

- Ans**
- 1. 9
  - 2. 5
  - 3. 7
  - 4. 8

Question ID : 65497842728  
Status : Answered  
Chosen Option : 1



**Q.13** The given pie chart shows the percentage of students in five schools and the table shows the ratio of boys and girls in each school.  
Study the pie chart and table and answer the question that follows.



The below table shows the ratio of girls and boys in the given five schools.

School	Girls : Boys
A	3 : 4
B	2 : 3
C	5 : 3
D	1 : 2
E	4 : 1

The number of girls in school D is what percentage less than the number of boys in school B (correct to the nearest integer)?

- Ans**
- 1. 35%
  - 2. 19%
  - 3. 27%
  - 4. 33%

Question ID : 65497844355  
Status : Answered  
Chosen Option : 4

**Q.14** In the month of March, Dalip earned on an average ₹501 per day. For the first 18 days, his average earning was ₹495 and, for the last 15 days, his average earning was ₹505. On 18<sup>th</sup> March, he earned ₹50 more than that earned on 17<sup>th</sup> March. How much (in ₹) did he earn on 18<sup>th</sup> March?

- Ans**
- 1. 502
  - 2. 498
  - 3. 501
  - 4. 500

Question ID : 65497843729  
Status : Answered  
Chosen Option : 1

**Q.15** A and B entered into a partnership with investments in the ratio 3 : 5. After a few months, A withdrew and collected back his money. At the end of the year, they received profit in the ratio 2 : 5. After how many months did A withdraw?

- Ans**
- 1. 7
  - 2. 9
  - 3. 8
  - 4. 6

Question ID : 65497842218  
Status : Answered  
Chosen Option : 3

**Q.16** The breakup of the total number of employees of a company working in different offices (A to E), in degrees, is given in the pie chart. Total number of employees = 2400.



If the percentage of male employees in office C is 20% and that of female employees in E is 40%, then what is the ratio of the numbers of female employees in E to that of female employees in C?

- Ans**
- 1. 3 : 8
  - 2. 5 : 4
  - 3. 2 : 3
  - 4. 3 : 2

Question ID : 65497842839  
 Status : Answered  
 Chosen Option : 3

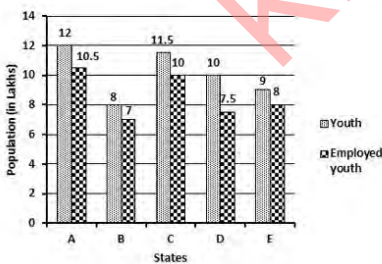
**Q.17** Two trains are running on parallel tracks in the same direction at the speed of 80 km/h and 90 km/h, respectively. The trains crossed each other in 3 minutes. If the length of one train is 230 m, then what is the length (in m) of the other train?

- Ans**
- 1. 270
  - 2. 250
  - 3. 230
  - 4. 300

Question ID : 65497842221  
 Status : Answered  
 Chosen Option : 1

**Q.18** The following bar graph shows the total number of youth (in lakhs) and the number of employed youth (in lakhs) in 5 states A, B, C, D and E.

How many youth (in lakhs) are unemployed in states B and D taken together?



- Ans**
- 1. 4.25
  - 2. 4.5
  - 3. 3.5
  - 4. 3.25

Question ID : 65497842434  
 Status : Answered  
 Chosen Option : 3

**Q.19** A person's salary was increased by 50% and subsequently decreased by 50%. How much percentage does he lose or gain?

- Ans**
- 1. Loss of 25%
  - 2. Gain of 50%
  - 3. Loss of 30%
  - 4. Gain of 20%

Question ID : **65497844236**  
Status : **Answered**  
Chosen Option : **1**

**Q.20** If  $\frac{\sin^2 \theta - 3 \sin \theta + 2}{\cos^2 \theta} = 1$ , where  $0^\circ < \theta < 90^\circ$ , then what is the value of  $(\cos 2\theta - \sin 3\theta + \operatorname{cosec} 2\theta)$ ?

- Ans**
- 1.  $\frac{-3 - 4\sqrt{3}}{6}$
  - 2.  $\frac{-3 + 4\sqrt{3}}{6}$
  - 3.  $\frac{3 + 4\sqrt{3}}{6}$
  - 4.  $\frac{3 - 4\sqrt{3}}{6}$

Question ID : **65497842735**  
Status : **Answered**  
Chosen Option : **2**

**Q.21** AB and CD are two chords in a circle with centre O and AD is the diameter. When produced, AB and CD meet at the point P. If  $\angle DAP = 27^\circ$ ,  $\angle APD = 35^\circ$ , then what is the measure (in degrees) of  $\angle DBC$ ?

- Ans**
- 1. 28
  - 2. 26
  - 3. 30
  - 4. 32

Question ID : **65497844246**  
Status : **Answered**  
Chosen Option : **1**

**Q.22** A shopkeeper marks an article  $x\%$  above the cost price and sells it by allowing 30% discount on the marked price. If there is a loss of 4.8%, then what is the value of  $x$ ?

- Ans**
- 1. 30
  - 2. 40
  - 3. 36
  - 4. 35

Question ID : 65497844662  
Status : Answered  
Chosen Option : 3

**Q.23** Simplify  $\left[\left(5\frac{1}{4} \div 3\frac{1}{2} \times \frac{5}{12}\right) - \frac{3}{16}\right] \div \left(3\frac{4}{7} \div \frac{5}{14} \text{ of } 6\frac{2}{3}\right) \text{ of } 1\frac{1}{3}$ .

- Ans**
- 1.  $\frac{5}{32}$
  - 2.  $\frac{17}{32}$
  - 3.  $\frac{3}{32}$
  - 4.  $\frac{7}{32}$

Question ID : 65497842819  
Status : Answered  
Chosen Option : 4

**Q.24** A ladder 18 m long rests against a wall so that the angle between the ladder and the wall is  $30^\circ$ . How far (in m) is the base of the ladder from the wall?

- Ans**
- 1. 18
  - 2.  $9\sqrt{3}$
  - 3. 9
  - 4.  $18\sqrt{3}$

Question ID : 65497842837  
Status : Answered  
Chosen Option : 3

Q.25 Study the graph and answer the question that follows.



What is the ratio of the total number of workers whose daily wages are less than ₹450 to the total number of workers whose daily wages are ₹650 and above?

- Ans
- 1. 3 : 5
  - 2. 1 : 4
  - 3. 6 : 7
  - 4. 5 : 7

Question ID : 65497842942  
Status : Answered  
Chosen Option : 3

Section : English Comprehension

Q.1 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

I do not / like to read / these kind / of novels.

- Ans
- 1. I do not
  - 2. these kind
  - 3. of novels
  - 4. like to read

Question ID : 65497842946  
Status : Answered  
Chosen Option : 2

Q.2 Select the most appropriate meaning of the given idiom.

Feast one's eyes on

- Ans
- 1. Arrange a delicious meal
  - 2. Gaze at something with pleasure
  - 3. Prepare a rare delicacy
  - 4. Notice something alarming

Question ID : 65497842964  
Status : Answered  
Chosen Option : 2

**Q.3** Select the most appropriate synonym of the given word.

Livid

- Ans
- 1. Closed
  - 2. Clear
  - 3. Pale
  - 4. Furious

Question ID : 65497842253  
Status : Answered  
Chosen Option : 2

**Q.4** Select the option that expresses the given sentence in active voice.

Tall promises were being made by each promoter.

- Ans
- 1. Each promoter has been making tall promises.
  - 2. Each promoter has made tall promises.
  - 3. Each promoter made tall promises.
  - 4. Each promoter was making tall promises.

Question ID : 65497842241  
Status : Answered  
Chosen Option : 4

**Q.5** Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement'.

You are so far the bright student in the class.

- Ans
- 1. No improvement
  - 2. by so far the brighter
  - 3. by far the brightest
  - 4. so far most bright

Question ID : 65497844269  
Status : Answered  
Chosen Option : 1

**Q.6** Select the most appropriate option to fill in the blank.

Can you arrange for the consignment \_\_\_\_\_ delivered on Monday?

- Ans
- 1. is
  - 2. being
  - 3. to be
  - 4. for being

Question ID : 65497842766  
Status : Answered  
Chosen Option : 3

Q.7 Select the most appropriate ANTONYM of the given word.

Proclaim

- Ans  1. Exhibit  
 2. Evince  
 3. Conceal  
 4. Announce

Question ID : 65497842962  
Status : Answered  
Chosen Option : 3

Q.8 Given below are four jumbled sentences. Select the option that gives their correct order.

- A. Expert mechanics labored over the plane for three hours.  
B. A small nut had fallen into a channel which prevented the gear from moving.  
C. A huge plane was forced to crash land when its landing gear got stuck.  
D. They were amazed when they discovered what had caused the mechanical failure.

- Ans  1. DBAC  
 2. BADC  
 3. ACBD  
 4. CADB

Question ID : 65497842857  
Status : Answered  
Chosen Option : 4

Q.9 Select the most appropriate meaning of the given idiom.

Cold comfort

- Ans  1. Unbearable weather  
 2. Enjoyment in the hills  
 3. Very soothing  
 4. Very little satisfaction

Question ID : 65497844276  
Status : Answered  
Chosen Option : 4

Q.10 Select the most appropriate synonym of the given word.

Amusement

- Ans  1. Pleasure  
 2. Gloom  
 3. Boredom  
 4. Despair

Question ID : 65497842858  
Status : Answered  
Chosen Option : 1

**Q.11** Select the option that can be used as a one-word substitute for the given group of words.

**Policy of racial discrimination**

- Ans**  1. Non-alignment  
 2. Diplomacy  
 3. Commonwealth  
 4. Apartheid

Question ID : 65497842764  
Status : Answered  
Chosen Option : 4

**Q.12** Select the option that expresses the given sentence in indirect speech.

**He said to me, "Do you own this beautiful car?"**

- Ans**  1. He asked to me if you own that beautiful car.  
 2. He asked me did I own that beautiful car.  
 3. He asked me if I owned that beautiful car.  
 4. He asked me that if you owned this beautiful car.

Question ID : 65497842955  
Status : Answered  
Chosen Option : 3

**Q.13** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

**Shall / we go / for walking / in the park?**

- Ans**  1. Shall  
 2. in the park  
 3. we go  
 4. for walking

Question ID : 65497843044  
Status : Answered  
Chosen Option : 4

**Q.14** Select the option that expresses the given sentence in passive voice.

**She is looking after the old ladies with great affection.**

- Ans**  1. She is looked after with great affection by the old ladies.  
 2. The old ladies are looked after with great affection.  
 3. The old ladies were looked after with great affection.  
 4. The old ladies are being looked after with great affection.

Question ID : 65497842846  
Status : Answered  
Chosen Option : 4



**Q.15** Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement'.

We had to undergo a great many difficulties.

- Ans  1. No improvement  
 2. a great many difficulty  
 3. great many difficulties  
 4. much great difficulties

Question ID : 65497842856  
Status : Answered  
Chosen Option : 3

**Q.16** Select the option that can be used as a one-word substitute for the given group of words.

A person who works in a shop that sells cut flowers and plants

- Ans  1. Dealer  
 2. Vendor  
 3. Hawker  
 4. Florist

Question ID : 65497842258  
Status : Answered  
Chosen Option : 4

**Q.17** Select the INCORRECTLY spelt word.

- Ans  1. Alphabet  
 2. Allergic  
 3. Altarnate  
 4. Allotted

Question ID : 65497842260  
Status : Answered  
Chosen Option : 3

**Q.18** The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Vivek should be excited / on the promotion / he's got.

- Ans  1. No error  
 2. on the promotion  
 3. Vivek should be excited  
 4. he's got

Question ID : 65497843549  
Status : Marked For Review  
Chosen Option : 2

**Q.19** The following sentence has been split into segments. One of them may contain an error. Identify the segment that contains a grammatical error. If you don't find any error, mark 'No error' as your answer.

Among you and me / she is quite rude / to the boy.

- Ans**
- 1. to the boy
  - 2. she is quite rude
  - 3. Among you and me
  - 4. No error

Question ID : 65497842238  
Status : Answered  
Chosen Option : 3

**Q.20** Select the most appropriate ANTONYM of the given word.

**Refined**

- Ans**
- 1. Miserly
  - 2. Crude
  - 3. Precise
  - 4. Genteel

Question ID : 65497844274  
Status : Answered  
Chosen Option : 2

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Dance as an artistic form of (1) \_\_\_\_\_ is extremely old. Evidence of dance as a (2) \_\_\_\_\_ form is available in ancient literary texts, painting and sculpture. (3) \_\_\_\_\_ of the dance forms trace their roots to the (4) \_\_\_\_\_ of movement codified in the Natya Shastra (5) \_\_\_\_\_ by Bharat Muni.

**SubQuestion No : 21**

**Q.21** Select the most appropriate option to fill in blank no.1.

- Ans**
- 1. succession
  - 2. suggestion
  - 3. expression
  - 4. impression

Question ID : 65497842748  
Status : Answered  
Chosen Option : 3

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Dance as an artistic form of (1) \_\_\_\_\_ is extremely old. Evidence of dance as a (2) \_\_\_\_\_ form is available in ancient literary texts, painting and sculpture. (3) \_\_\_\_\_ of the dance forms trace their roots to the (4) \_\_\_\_\_ of movement codified in the Natya Shastra (5) \_\_\_\_\_ by Bharat Muni.

**SubQuestion No : 22**

**Q.22 Select the most appropriate option to fill in blank no.2.**

- Ans  1. creating  
 2. creative  
 3. created  
 4. creation

Question ID : 65497842749  
Status : Answered  
Chosen Option : 2

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Dance as an artistic form of (1) \_\_\_\_\_ is extremely old. Evidence of dance as a (2) \_\_\_\_\_ form is available in ancient literary texts, painting and sculpture. (3) \_\_\_\_\_ of the dance forms trace their roots to the (4) \_\_\_\_\_ of movement codified in the Natya Shastra (5) \_\_\_\_\_ by Bharat Muni.

**SubQuestion No : 23**

**Q.23 Select the most appropriate option to fill in blank no.3.**

- Ans  1. More  
 2. Much  
 3. Any  
 4. Many

Question ID : 65497842750  
Status : Answered  
Chosen Option : 4

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Dance as an artistic form of (1) \_\_\_\_\_ is extremely old. Evidence of dance as a (2) \_\_\_\_\_ form is available in ancient literary texts, painting and sculpture. (3) \_\_\_\_\_ of the dance forms trace their roots to the (4) \_\_\_\_\_ of movement codified in the Natya Shastra (5) \_\_\_\_\_ by Bharat Muni.

**SubQuestion No : 24**

**Q.24 Select the most appropriate option to fill in blank no.4.**

- Ans  1. capacity  
 2. techniques  
 3. procedure  
 4. delivery

Question ID : 65497842751  
Status : Answered  
Chosen Option : 2

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Dance as an artistic form of (1) \_\_\_\_\_ is extremely old. Evidence of dance as a (2) \_\_\_\_\_ form is available in ancient literary texts, painting and sculpture. (3) \_\_\_\_\_ of the dance forms trace their roots to the (4) \_\_\_\_\_ of movement codified in the Natya Shastra (5) \_\_\_\_\_ by Bharat Muni.

**SubQuestion No : 25**

**Q.25** Select the most appropriate option to fill in blank no.5.

- Ans**
- 1. captured
  - 2. disbursed
  - 3. dispersed
  - 4. compiled

Question ID : **65497842752**  
Status : **Answered**  
Chosen Option : **4**

KD Job Updates

## Combined Graduate Level Examination 2021 Tier - I

Roll Number	
Candidate Name	
Venue Name	iON Digital Zone iDZ Gram Gangedi Near Mahaveer Tapobhumi
Exam Date	21/04/2022
Exam Time	4:00 PM - 5:00 PM
Subject	CGLE 2021 Tier I

### Section : General Intelligence and Reasoning

**Q.1** Study the given matrix carefully and select the number from among the given options that can replace the question mark (?) in it.

13 6 75  
15 8 ?  
18 4 70

Ans  1. 116

2. 96

3. 76

4. 84

Question ID : 65497842782

Status : Answered

Chosen Option : 1

**Q.2** Select the correct water image of the given combination.

R f g 5 a P

Ans

1. R f g 5 a P

2. R f g 5 a P

3. R f g 5 a P

4. R f g 5 a P

Question ID : 65497843698

Status : Answered

Chosen Option : 3

**Q.3** Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

P \_ \_ N \_ \_ S R \_ Q P \_ R \_ \_ \_ S \_ N Q

- Ans  1. Q, R, S, P, N, S, N, Q, P, R  
 2. S, R, Q, R, N, Q, N, S, P, R  
 3. R, S, Q, P, R, S, R, Q, P, N  
 4. S, R, Q, P, N, S, N, Q, P, R

Question ID : 65497844610  
 Status : Not Answered  
 Chosen Option : --

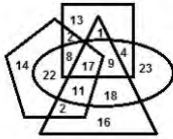
**Q.4** Select the correct combination of mathematical signs that can sequentially replace the \* signs and balance the given equation.

54 \* 36 \* 12 \* 18 \* 24 \* 24

- Ans  1. +, +, x, -, =  
 2. +, x, -, +, =  
 3. +, x, +, -, =  
 4. +, x, -, +, =

Question ID : 65497843692  
 Status : Answered  
 Chosen Option : 2

**Q.5** In the following Venn diagram, the oval stands for 'chartered accountants', the pentagon stands for 'males', the triangle stands for 'full-time employees', and the square stands for 'tax-payers'. The given numbers represent the number of persons in that particular category.



How many male chartered accountants are NEITHER tax-payers NOR full-time employees?

- Ans  1. 17  
 2. 14  
 3. 22  
 4. 8

Question ID : 65497844003  
 Status : Answered  
 Chosen Option : 3

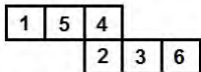
**Q.6** Select the number from among the given options that can replace the question mark (?) in the following series.

50, 67, 86, 107, ?

- Ans
- 1. 124
  - 2. 118
  - 3. 136
  - 4. 130

Question ID : 65497842778  
Status : Answered  
Chosen Option : 4

**Q.7** A cube is made by folding the given sheet. In the cube so formed, which of the following pairs of numbers will be on opposite faces?



- Ans
- 1. 3 and 5
  - 2. 1 and 5
  - 3. 4 and 6
  - 4. 2 and 4

Question ID : 65497843393  
Status : Answered  
Chosen Option : 1

**Q.8** In a certain code language, BACHELOR is written as YZXSVOLI. How will EDUCATION be written as in that language?

- Ans
- 1. GFWECVKRM
  - 2. MLRGZXFVV
  - 3. FEVDBUJPM
  - 4. VWFZXGRLM

Question ID : 65497844607  
Status : Answered  
Chosen Option : 4

**Q.9** Eight friends, P, Q, R, S, T, U, V and W, are sitting in the same order anticlockwise around a circular table at equal distances between them, with all facing the centre of the table. If Q is sitting in the south-east, then in which direction is W sitting?

- Ans
- 1. North
  - 2. South
  - 3. South-west
  - 4. North-east

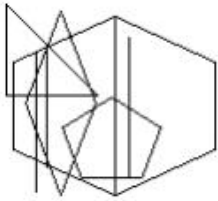
Question ID : 65497843685  
Status : Answered  
Chosen Option : 3

**Q.10** Select the option in which the given figure is embedded (rotation is NOT allowed).

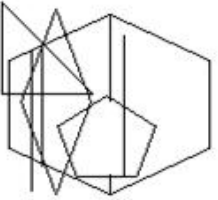


**Ans**

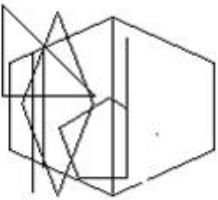
✓ 1.



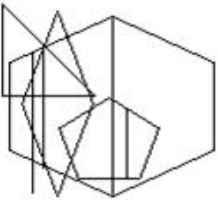
✗ 2.



✗ 3.



✗ 4.

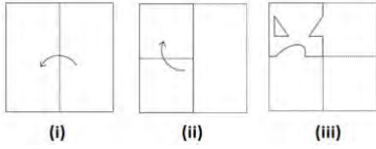


Question ID : 65497842788  
Status : Answered  
Chosen Option : 1

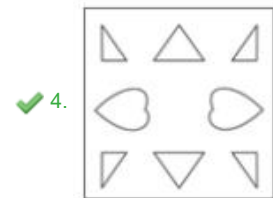
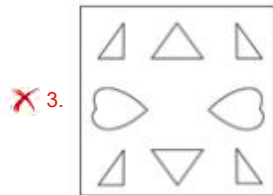
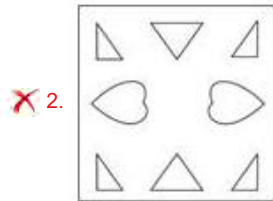
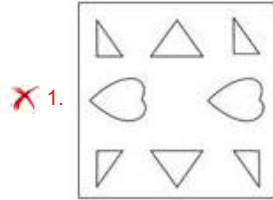
KD Job Updates



**Q.11** The sequence of folding a piece of paper (figures i and ii) and the manner in which the folded paper has been cut (figure iii) is shown in the following figures. Select the option that would most closely resemble the unfolded form of figure (iii).



**Ans**



KD Job Updates

Question ID : **65497842083**  
 Status : **Answered**  
 Chosen Option : **4**

**Q.12** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

All wires are chargers.

Some chargers are phones.

All chargers are equipment.

**Conclusions:**

I. Some equipment are phones.

II. All wires are phones.

- Ans**  1. Only conclusion I follows  
 2. Both the conclusions follow  
 3. Only conclusion II follows  
 4. Neither conclusion I nor II follows

Question ID : 65497843383  
Status : Answered  
Chosen Option : 1

**Q.13** Which two numbers should be interchanged to make the given equation correct?

$$52 + 69 - 46 \div 23 \times 26 = 20$$

- Ans**  1. 69 and 46  
 2. 46 and 23  
 3. 52 and 26  
 4. 52 and 69

Question ID : 65497843390  
Status : Answered  
Chosen Option : 1

**Q.14** In a group of 110 students, 23 students did not participate in any of the two games: Badminton and Chess. 45 students participated in Badminton and 61 students participated in Chess. How many students participated in Badminton only?

- Ans**  1. 26  
 2. 18  
 3. 42  
 4. 28

Question ID : 65497843993  
Status : Answered  
Chosen Option : 1

**Q.15** Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the one that is different.

- Ans**  1. HJM  
 2. GIM  
 3. MOS  
 4. LNR

Question ID : 65497842769  
Status : Answered  
Chosen Option : 1

Q.16 Select the number from among the given options that can replace the question mark (?) in the following series.

45, 47, 52, 62, 79, ?

- Ans
- 1. 85
  - 2. 92
  - 3. 105
  - 4. 112

Question ID : 65497843385  
Status : Answered  
Chosen Option : 3

Q.17 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Photographic
2. Photocopier
3. Photography
4. Photographer
5. Photocopy

- Ans
- 1. 2, 5, 4, 1, 3
  - 2. 4, 1, 5, 3, 2
  - 3. 1, 2, 3, 4, 5
  - 4. 3, 5, 1, 4, 2

Question ID : 65497842869  
Status : Answered  
Chosen Option : 1

Q.18 In a certain code language, 'RAHUL' is coded as 180, and 'POOJA' is coded as 171. How will 'RAJIV' be coded in the same language?

- Ans
- 1. 122
  - 2. 85
  - 3. 61
  - 4. 180

Question ID : 65497842065  
Status : Not Answered  
Chosen Option : --

Q.19 Select the option that is related to the third term in the same way as the second term is related to the first term.

CANOPY : DCQSUE :: TONSIL : ?

- Ans
- 1. URQWNS
  - 2. UQQXOR
  - 3. UQRVNR
  - 4. UQQWNR

Question ID : 65497843982  
Status : Answered  
Chosen Option : 4

**Q.20** In a certain code, 692425 means 'School education is free in India' and 7926 means 'College education is costly'. Which of the following is the code for 'I want to become graduate'?

**Ans**  1. 23586

2. 54268

3. 14268

4. 15426

Question ID : **65497842773**

Status : **Answered**

Chosen Option : **3**

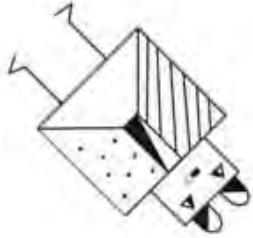
KD Job Updates

**Q.21** Which of the option figures when rotated 135° clockwise and then 45° anticlockwise will result in the given question figure?

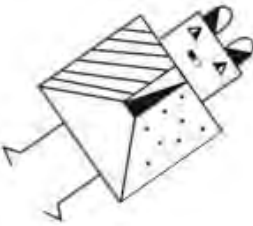


**Ans**

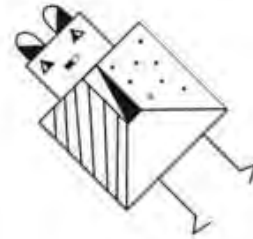
1.



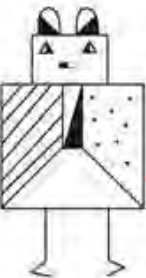
2.



3.



4.



KD Job Updates

Question ID : 65497842078  
Status : Answered  
Chosen Option : 1

Q.22 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

ORGANS, SORGAN, SNORGA, ?, SNAGOR, SNAGRO

- Ans  1. SNAROG  
 2. SNAORG  
 3. SNOARG  
 4. SNAOGR

Question ID : 65497843373  
Status : Answered  
Chosen Option : 2

Q.23 Select the option that is related to the third number in the same way as the second number is related to the first number.

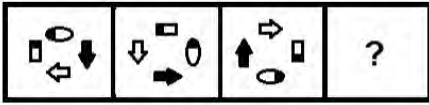
18 : 10 :: 24 : ?

- Ans  1. 13  
 2. 12  
 3. 17  
 4. 29

Question ID : 65497842073  
Status : Answered  
Chosen Option : 1

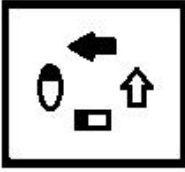
KD Job Updates

Q.24 Select the figure from among the given options that can replace the question mark (?) in the following series.

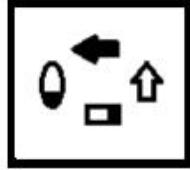


Ans

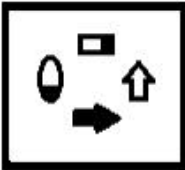
1.



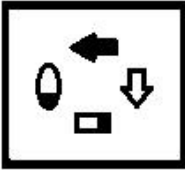
2.



3.



4.



Question ID : 65497843695

Status : Answered

Chosen Option : 2

Q.25 Pointing towards the photograph of a lady, Varun said, "She is my father-in-law's son's only sister's mother-in-law". How is Varun related to that lady?

Ans

1. Brother

2. Son

3. Husband

4. Son-in-law

Question ID : 65497843684

Status : Not Answered

Chosen Option : --

Section : General Awareness

**Q.1 Hot water can be a pollutant if it comes from:**

**(a) A hot spring (b) A power plant (c) An industry**

**Ans**  1. Both (b) and (c)

2. Only (c)

3. Only (a)

4. Only (b)

Question ID : **65497844014**

Status : **Answered**

Chosen Option : **1**

**Q.2 Chandragupta Maurya overthrew the power of the \_\_\_\_\_ at Magadha with the aid of Kautilya and founded a glorious Mauryan empire in 322 BC.**

**Ans**  1. Kurus

2. Mallas

3. Panchalas

4. Nandas

Question ID : **65497842806**

Status : **Answered**

Chosen Option : **4**

**Q.3 Which of the following statements about black soil is INCORRECT?**

**Ans**  1. It is found along the Deccan trap.

2. It has a good capacity to hold moisture.

3. It develops deep cracks during hot weather.

4. It is rich in phosphoric content.

Question ID : **65497843410**

Status : **Answered**

Chosen Option : **4**

**Q.4 What do you call the maximum sustainable size of a resident population in a given ecosystem?**

**Ans**  1. Census

2. Crude rate

3. Carrying capacity

4. Case rate

Question ID : **65497842805**

Status : **Answered**

Chosen Option : **3**



**Q.5 Which of the following is the largest dome of India as of April 2021?**

- Ans**
- 1. Alai Darwaza
  - 2. Adhai Din Ka Jhonpra
  - 3. Gol Gumbaz
  - 4. Data Darbar

Question ID : **65497843399**  
Status : **Not Answered**  
Chosen Option : --

**Q.6 In which of the following States/Union Territories did a regional alliance by the abbreviated name TIPRA come into the limelight in March-April 2021?**

- Ans**
- 1. Tamil Nadu
  - 2. Telangana
  - 3. Ladakh
  - 4. Tripura

Question ID : **65497844023**  
Status : **Not Answered**  
Chosen Option : --

**Q.7 'Povadas' is a popular folk dance from the state of \_\_\_\_\_.**

- Ans**
- 1. Maharashtra
  - 2. Gujarat
  - 3. Rajasthan
  - 4. Kerala

Question ID : **65497842792**  
Status : **Answered**  
Chosen Option : 1

**Q.8 Which of the following books was written by Jawaharlal Nehru?**

- Ans**
- 1. A Bunch of Old Letters
  - 2. Riddles in Hinduism
  - 3. Ranade, Gandhi and Jinnah
  - 4. Waiting For A Visa: Autobiographical Notes

Question ID : **65497842103**  
Status : **Not Answered**  
Chosen Option : --

**Q.9 Who among the following was the only martyr of the Quit India phase of the freedom movement who was hanged?**

- Ans**
- 1. Potti Sreeramulu
  - 2. Senapati Bapat
  - 3. Kushal Konwar
  - 4. Kanaiyalal Maneklal Munshi

Question ID : **65497843413**  
Status : **Not Answered**  
Chosen Option : --

Q.10 Union Budget 2021-22 allocated a total amount of \_\_\_\_\_ towards health and wellbeing.

- Ans
- 1. ₹94,452 crore
  - 2. ₹3,32,194 crore
  - 3. ₹2,23,846 crore
  - 4. ₹1,54,938 crore

Question ID : 65497842087  
Status : Not Answered  
Chosen Option : --

Q.11 Realising the importance of maintaining the cleanliness of the water bodies, the Government of India passed the Water (Prevention and Control of Pollution) Act, \_\_\_\_\_, to safeguard our water resources.

- Ans
- 1. 1974
  - 2. 1973
  - 3. 1971
  - 4. 1969

Question ID : 65497843403  
Status : Not Answered  
Chosen Option : --

Q.12 Who among the following won the 2020 Tour de France?

- Ans
- 1. Wout Van Aert
  - 2. Egan Bernal
  - 3. Tadej Pogačar
  - 4. Nairo Quintana

Question ID : 65497843421  
Status : Not Answered  
Chosen Option : --

Q.13 Which of the given statements about the Union Budget is/are true?

- a) Vote on Account deals only with the expenditure side of the government budget.
- b) Vote on Account and Interim Budget are not the same.
- c) An Interim Budget gives a complete financial statement, similar to a full budget.

- Ans
- 1. Only (a)
  - 2. Only (c)
  - 3. (a), (b) and (c)
  - 4. (a) and (b)

Question ID : 65497843705  
Status : Not Answered  
Chosen Option : --

Q.14 How many Schedules did the Constitution of India contain as of April 2021?

- Ans  1. 14  
 2. 16  
 3. 12  
 4. 10

Question ID : 65497843722  
Status : Answered  
Chosen Option : 3

Q.15 What was the theme of World Toilet Day 2020?

- Ans  1. Better Sanitation for Better Nutrition  
 2. Sustainable Sanitation and Climate Change  
 3. Toilets and Jobs  
 4. When Nature Calls

Question ID : 65497842092  
Status : Answered  
Chosen Option : 4

Q.16 Who among the following is the author of the book 'Sea of Poppies'?

- Ans  1. Vikram Seth  
 2. Arvind Adiga  
 3. Amitav Ghosh  
 4. Shashi Tharoor

Question ID : 65497843718  
Status : Not Answered  
Chosen Option : --

Q.17 Along with India, which of the following countries was crowned Joint Winner at the 2020 Online FIDE Chess Olympiad?

- Ans  1. Croatia  
 2. Ukraine  
 3. Belgium  
 4. Russia

Question ID : 65497844028  
Status : Not Answered  
Chosen Option : --

Q.18 The Constitution (112th Amendment) Bill 2009 provides for \_\_\_\_\_ reservation for women in Urban Local Bodies was introduced in Lok Sabha on 24th November 2009.

- Ans  1. 10%  
 2. 20%  
 3. 30%  
 4. 50%

Question ID : 65497842105  
Status : Not Answered  
Chosen Option : --

Q.19 The Drafting Committee of the Constituent Assembly was consisted of \_\_\_\_\_ members.

- Ans
- 1. 8
  - 2. 14
  - 3. 9
  - 4. 7

Question ID : 65497842814  
Status : Answered  
Chosen Option : 1

Q.20 The Black Sea is in the \_\_\_\_\_ Ocean.

- Ans
- 1. Atlantic
  - 2. Pacific
  - 3. Arctic
  - 4. Indian

Question ID : 65497843712  
Status : Answered  
Chosen Option : 1

Q.21 How many eyes does a bee have?

- Ans
- 1. Two
  - 2. Four
  - 3. Three
  - 4. Five

Question ID : 65497843710  
Status : Not Answered  
Chosen Option : --

Q.22 As per the Swiss organisation IQAir's 'World Air Quality Report, 2020', which of the following is the most polluted capital city in the world?

- Ans
- 1. Beijing
  - 2. Tokyo
  - 3. Delhi
  - 4. Paris

Question ID : 65497842798  
Status : Answered  
Chosen Option : 3

Q.23 The GDP deflator is also called:

- Ans
- 1. implicit inflation index
  - 2. explicit inflation index
  - 3. implicit price deflator
  - 4. explicit price deflator

Question ID : 65497844007  
Status : Not Answered  
Chosen Option : --

**Q.24** Who among the following persons was associated with the Chittagong Armoury Raid?

- Ans**  1. Vishnu Sharan Dublish  
 2. Sachindranath Bakshi  
 3. Manmath Nath Gupta  
 4. Ardhendu Dastidar

Question ID : **65497842101**  
Status : **Not Answered**  
Chosen Option : --

**Q.25** In the context of the spread of germs by faecal matter, which of the following does NOT figure in the F-Diagram?

- Ans**  1. Fingers  
 2. Fluids  
 3. Flies  
 4. Fungi

Question ID : **65497844012**  
Status : **Answered**  
Chosen Option : 1

Section : **Quantitative Aptitude**

**Q.1** LCM and HCF of two numbers are 90 and 15, respectively. If the sum of the two numbers is 75, then find the greater number.

- Ans**  1. 45  
 2. 90  
 3. 75  
 4. 60

Question ID : **65497844030**  
Status : **Answered**  
Chosen Option : 4

**Q.2** A 22.5 m high tent is in the shape of a frustum of a cone surmounted by a hemisphere. If the diameters of the upper and the lower circular ends of the frustum are 21 m and 39 m, respectively, then find the area of the cloth (in  $\text{m}^2$ ) used to make the tent (ignoring the wastage).

(Use  $\pi = \frac{22}{7}$ )

**Ans**

1.  $787\frac{2}{7}$

2.  $2107\frac{2}{7}$

3.  $1635\frac{6}{7}$

4.  $2800\frac{2}{7}$

Question ID : 65497843636

Status : Not Answered

Chosen Option : --

**Q.3** A borrows a sum of ₹90,000 for 4 years at 5% simple interest. He lends it to B at 7% for 4 years at simple interest. What is his gain (in ₹)?

**Ans**

1. 7,200

2. 9,000

3. 8,000

4. 7,500

Question ID : 65497842825

Status : Answered

Chosen Option : 1

**Q.4** Three partners X, Y and Z started their business by investing ₹40,000, ₹38,000 and ₹30,000, respectively. After 6 months, X and Z made additional investments of ₹20,000 and ₹15,000 respectively, whereas Y withdrew ₹8,000. Find the share of Y (in ₹) in the total profit of ₹38,880 made at the end of the year.

**Ans**

1. 10,880

2. 10,950

3. 9,800

4. 10,200

Question ID : 65497842117

Status : Not Answered

Chosen Option : --

**Q.5** If a 10-digit number  $54726x79y6$  is divisible by 72, then what is the value of  $5x - 3y$ , for the least value of  $y$ ?

- Ans**
- 1. 17
  - 2. 16
  - 3. 19
  - 4. 23

Question ID : **65497843423**  
Status : **Answered**  
Chosen Option : **2**

**Q.6** A vegetable vendor sold 1 kg of potatoes for ₹25 and earned 25% profit. In the evening, he started selling potatoes with only 10% profit. At what cost (in ₹) per kg did he sell the potatoes in the evening?

- Ans**
- 1. 21
  - 2. 20
  - 3. 24
  - 4. 22

Question ID : **65497843732**  
Status : **Answered**  
Chosen Option : **4**

**Q.7** If 35 men can finish a work in 6 days, then in how many days can 7 men do half of the same work?

- Ans**
- 1. 30
  - 2. 15
  - 3. 60
  - 4. 17

Question ID : **65497843735**  
Status : **Answered**  
Chosen Option : **2**

**Q.8** The perimeters of two similar  $\triangle ABC$  and  $\triangle PQR$  are  $48.4\text{ cm}$  and  $12.1\text{ cm}$ , respectively. What is the ratio of the areas of  $\triangle ABC$  and  $\triangle PQR$ ?

- Ans**
- 1. 4 : 1
  - 2. 1 : 16
  - 3. 16 : 1
  - 4. 1 : 4

Question ID : **65497843743**  
Status : **Answered**  
Chosen Option : **3**

**Q.9** AB is a chord of a circle with centre O. C is a point on the circle in the minor sector. If  $\angle ABO = 50^\circ$ , then what is the degree measure of  $\angle ACB$ ?

- Ans**
- 1.  $100^\circ$
  - 2.  $130^\circ$
  - 3.  $110^\circ$
  - 4.  $140^\circ$

Question ID : 65497842831  
Status : Answered  
Chosen Option : 4

**Q.10**

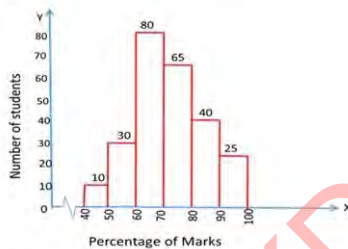
If  $4x - 3y = 12$  and  $xy = 5$ , then find the value of  $\frac{16x^2 + 9y^2}{8}$ .

- Ans**
- 1. 33
  - 2. 18
  - 3. 3
  - 4. 44

Question ID : 65497843738  
Status : Answered  
Chosen Option : 3

**Q.11** Study the histogram and answer the question given below.

The graph represents the number of students obtaining a percentage of marks in class X Board examination in 2018 in a school.



The number of students who have secured less than 60% marks is what per cent less than the number of students who have secured 80% marks and above?

- Ans**
- 1. 37.4%
  - 2. 38.5%
  - 3. 33.5%
  - 4. 29.7%

Question ID : 65497842841  
Status : Answered  
Chosen Option : 2



**Q.12** If  $\sec^2 \alpha + 4 \cos^2 \alpha = 4$  and  $0^\circ \leq \alpha \leq 90^\circ$ , then find the value of  $\alpha$ .

- Ans**
- 1.  $30^\circ$
  - 2.  $0^\circ$
  - 3.  $45^\circ$
  - 4.  $60^\circ$

Question ID : 65497842128  
Status : Answered  
Chosen Option : 3

**Q.13** If  $\tan A = \frac{2.4}{0.7}$ , what is the value of  $(50 \cos A + 24 \cot A)$ ?

- Ans**
- 1. 21
  - 2. 37
  - 3. 26
  - 4. 34

Question ID : 65497843745  
Status : Answered  
Chosen Option : 1

**Q.14** In a triangle ABC, points P and Q are on AB and AC, respectively, such that AP = 4 cm, PB = 6 cm, AQ = 5 cm and QC = 7.5 cm. If PQ = 6 cm, then find BC (in cm).

- Ans**
- 1. 10
  - 2. 9
  - 3. 15
  - 4. 12

Question ID : 65497842126  
Status : Answered  
Chosen Option : 3

**Q.15** Ankita's weight is 20% less than that of her grandmother. The grandmother weighs 26 kg less than grandmother's husband, whose weight is 81 kg. If Ankita's brother is 8 kg heavier than Ankita, then what is the weight (in kg) of Ankita's brother?

- Ans**
- 1. 60
  - 2. 19
  - 3. 36
  - 4. 52

Question ID : 65497843428  
Status : Not Answered  
Chosen Option : --

**Q.16** A reduction of 15% in the price of wheat enables a housewife to buy 6 kg more for ₹2,720. The reduced price of wheat per kg (in ₹) is:

- Ans**
- 1. 75
  - 2. 68
  - 3. 70
  - 4. 65

Question ID : 65497844437  
Status : Answered  
Chosen Option : 2

**Q.17** The length of the shadow of a vertical tower on level ground increases by 8.4 cm when the altitude of the sun changes from  $45^\circ$  to  $30^\circ$ . What is the height of the tower (in m)?

- Ans**
- 1.  $4.2(\sqrt{3} - 1)$
  - 2.  $8.4(\sqrt{3} + 3)$
  - 3.  $4.2(\sqrt{3} + 3)$
  - 4.  $4.2(\sqrt{3} + 1)$

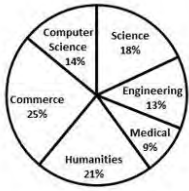
Question ID : 65497844049  
Status : Answered  
Chosen Option : 4

**Q.18** In a circle with centre O, PQ and QR are two chords such that  $\angle PQR = 118^\circ$ . What is the measure of  $\angle OPR$ ?

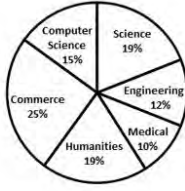
- Ans**
- 1.  $36^\circ$
  - 2.  $26^\circ$
  - 3.  $31^\circ$
  - 4.  $28^\circ$

Question ID : 65497843438  
Status : Answered  
Chosen Option : 2

**Q.19** The following pie charts show the number of students studying in different departments of an institute during the academic years 2019 and 2020. The total number of students was 2000 and 2400, respectively, in academic years 2019 and 2020.  
What is the ratio of Commerce and Computer Science students taken together in 2019 to Engineering and Medical students taken together in 2020?



Academic year 2019



Academic year 2020

- Ans**
- 1. 44 : 65
  - 2. 65 : 44
  - 3. 22 : 39
  - 4. 39 : 22

Question ID : 65497844052  
Status : Not Answered  
Chosen Option : --

**Q.20** Find the value of the following expression:

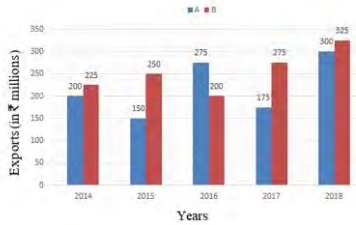
$$-5 + 5 + 625 \div 5 \times 5$$

- Ans**
- 1. 25
  - 2. 625
  - 3. 605
  - 4. 121

Question ID : 65497844031  
Status : Answered  
Chosen Option : 2

**Q.21** The following bar graph shows exports of cars of type A and B (in ₹ millions) from 2014 to 2018. Study the graph and answer the question that follows.

Exports of Cars of Type A and B (in ₹ millions) during 2014 to 2018.



The total exports of cars of type A in 2014 to 2018 is what per cent more than the total exports of cars of type B in 2015 to 2017? (Correct to one decimal place)

- Ans**
- 1. 44.3%
  - 2. 50.4%
  - 3. 51.7%
  - 4. 41.3%

Question ID : 65497842939  
Status : Not Answered  
Chosen Option : --

**Q.22** If  $\left(a + \frac{1}{a} + 3\right)^2 = 16$ , where  $a$  is a non-zero real number, then find the value of  $a^2 + \frac{1}{a^2}$ .

- Ans**
- 1. 3
  - 2. 47
  - 3. 49
  - 4. 7

Question ID : 65497842123  
Status : Answered  
Chosen Option : 2

**Q.23** Ras Bihari, a plumber, earned on an average ₹925 per day in the month of January. He earned on an average ₹881 per day during the first 20 days and ₹915 per day during the last 20 days. What was his average income (in ₹) per day from 12<sup>th</sup> January to 20<sup>th</sup> January?

- Ans**
- 1. 792
  - 2. 875
  - 3. 800
  - 4. 805

Question ID : 65497843628  
Status : Answered  
Chosen Option : 1

**Q.24** Monthly expenditure of a family on different heads is shown in the following pie chart. The family earns ₹1,08,000 every month.

What is the amount spent on Rent every month (in ₹)?

**Expenditure on different Heads**



- Ans**
- 1. 17,500
  - 2. 21,000
  - 3. 15,000
  - 4. 18,000

Question ID : 65497844051  
Status : Answered  
Chosen Option : 4

**Q.25** A 240-m long train crosses a 360-m long tunnel in 30 seconds. What is the speed of the train (in km/h)?

- Ans**
- 1. 72
  - 2. 43.2
  - 3. 60
  - 4. 28.8

Question ID : 65497842120  
Status : Answered  
Chosen Option : 1

**Section : English Comprehension**

**Q.1** Select the INCORRECTLY spelt word.

- Ans**
- 1. Secratariat
  - 2. Heartbeat
  - 3. Performance
  - 4. Tongue

Question ID : 65497843774  
Status : Answered  
Chosen Option : 1

**Q.2** Select the INCORRECTLY spelt word.

- Ans**
- 1. Giggle
  - 2. Girdle
  - 3. Gingar
  - 4. Giant

Question ID : 65497842159  
Status : Answered  
Chosen Option : 3

**Q.3** Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

As it was getting late Lata leave the party midway.

- Ans
- 1. is left the party
  - 2. leaving the party
  - 3. No substitution required
  - 4. left the party

Question ID : 65497844068  
Status : Answered  
Chosen Option : 4

**Q.4** The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

The team won / very easily / at the recent sports event.

- Ans
- 1. at the recent sports event
  - 2. very easily
  - 3. The team won
  - 4. No error

Question ID : 65497844256  
Status : Answered  
Chosen Option : 2

**Q.5** Select the most appropriate ANTONYM of the given word.

Astound

- Ans
- 1. Confuse
  - 2. Shock
  - 3. Clarify
  - 4. Stun

Question ID : 65497843466  
Status : Answered  
Chosen Option : 3

**Q.6** Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

I don't fancy to go out this evening.

- Ans
- 1. to going outside
  - 2. No improvement required
  - 3. to be going out
  - 4. going out

Question ID : 65497843461  
Status : Answered  
Chosen Option : 2

**Q.7** Select the option that expresses the given sentence in passive voice.

**Nobody fed him when he was starving.**

- Ans**  1. He had not been fed by anybody when he was starving.  
 2. He is not fed by anybody when he is starving.  
 3. He were fed by nobody when he was starving.  
 4. He was not fed by anybody when he was starving.

Question ID : **65497842140**  
Status : **Answered**  
Chosen Option : **4**

**Q.8** Select the most appropriate synonym of the given word.

**Retaliate**

- Ans**  1. Clap  
 2. Rotate  
 3. Facilitate  
 4. react

Question ID : **65497843776**  
Status : **Answered**  
Chosen Option : **4**

**Q.9** Select the most appropriate meaning of the given idiom.

**Cat's paw**

- Ans**  1. A person used as a tool by another  
 2. The most important attribute  
 3. To attack someone  
 4. Move at a fast pace

Question ID : **65497842863**  
Status : **Answered**  
Chosen Option : **1**

**Q.10** The following sentence has been divided into parts. One of them contains an error.  
Select the part that contains the error from the given options.

**He conceded / a very crucial / point at / his opponent.**

- Ans**  1. a very crucial  
 2. point at  
 3. his opponent  
 4. He conceded

Question ID : **65497842845**  
Status : **Answered**  
Chosen Option : **2**

**Q.11** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

I find that / I get myself tired / very easily / these days.

- Ans**  1. these days  
 2. I get myself tired  
 3. I find that  
 4. very easily

Question ID : 65497842741  
Status : Answered  
Chosen Option : 2

**Q.12** Sentences of a paragraph are given below. While the first and the last sentences are in correct order, the sentences in between are jumbled up. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

S1. Ram Mohan was a lover of his country.  
P. David said that it would be a good plan to have an English school and college.  
Q. He was talking with David about uplifting the mind of Indians.  
R. So, he also thought that this subject was very interesting.  
S. David also had a strong bond with India.  
S6. Indians and Europeans met next year to put this idea into shape.

- Ans**  1. QSRP  
 2. SRPQ  
 3. RPQS  
 4. RSPQ

Question ID : 65497844069  
Status : Answered  
Chosen Option : 1

**Q.13** Select the most appropriate meaning of the given idiom.

In the limelight

- Ans**  1. About to be successful  
 2. The centre of attraction  
 3. In a well lit up room  
 4. A well kept secret

Question ID : 65497843468  
Status : Answered  
Chosen Option : 2

**Q.14** Select the most appropriate synonym of the given word.

Sagacious

- Ans**  1. Precious  
 2. Delicious  
 3. Malicious  
 4. Judicious

Question ID : 65497842152  
Status : Answered  
Chosen Option : 4



**Q.15** Select the most appropriate synonym of the given word.

**Audacity**

- Ans**  1. Daring  
 2. Meekness  
 3. Caution  
 4. Kindness

Question ID : **65497844070**  
Status : **Answered**  
Chosen Option : **1**

**Q.16** Select the option that expresses the given sentence in active voice.

**I was taught by Shyam how to drive.**

- Ans**  1. Shyam taught me how to drive.  
 2. Shyam is teaching me how to drive.  
 3. Shyam has taught me how to drive.  
 4. I taught Shyam how to drive.

Question ID : **65497844058**  
Status : **Answered**  
Chosen Option : **1**

**Q.17** Select the most appropriate ANTONYM of the given word.

**Industrious**

- Ans**  1. Persistent  
 2. Diligent  
 3. Zealous  
 4. Indolent

Question ID : **65497842861**  
Status : **Answered**  
Chosen Option : **4**

**Q.18** The following sentence has been split into segments. Identify the segment that contains a grammatical error.

**My guide / was blind / but he bring / me home safely.**

- Ans**  1. me home safely  
 2. My guide  
 3. was blind  
 4. but he bring

Question ID : **65497842137**  
Status : **Answered**  
Chosen Option : **4**

**Q.19** Select the option that can be used as a one-word substitute for the given group of words.

**A four-footed animal**

- Ans**  1. Mammal  
 2. Reptile  
 3. Quadruped  
 4. Biped

Question ID : **65497842157**  
Status : **Answered**  
Chosen Option : **3**

**Q.20** Select the option that expresses the given sentence in indirect speech.

**Manoj said to Mira, "Do not try to make a fool of me."**

- Ans**  1. Manoj told Mira to not to try to make a fool of me.  
 2. Manoj told Mira do not try to make a fool of him.  
 3. Manoj told Mira not to try to make a fool of him.  
 4. Manoj told Mira to not try to make a fool of me.

Question ID : **65497842854**  
Status : **Answered**  
Chosen Option : **3**

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Birbal immediately smiled and went up to Akbar. He announced the (1) \_\_\_\_\_; he said there were twenty-one thousand, five hundred and twenty-three crows (2) \_\_\_\_\_ the city. When asked how he (3) \_\_\_\_\_ the answer, Birbal replied, "Ask your men to (4) \_\_\_\_\_ the number of crows. If there are more, then the relatives of the crows must be visiting them from (5) \_\_\_\_\_ cities. If there are fewer, then the crows from our city must be visiting their relatives who live outside the city."

**SubQuestion No : 21**

**Q.21** Select the most appropriate option to fill in blank number 1.

- Ans**  1. answer  
 2. response  
 3. question  
 4. rejoinder

Question ID : **65497843758**  
Status : **Answered**  
Chosen Option : **3**

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Birbal immediately smiled and went up to Akbar. He announced the (1) \_\_\_\_\_; he said there were twenty-one thousand, five hundred and twenty-three crows (2) \_\_\_\_\_ the city. When asked how he (3) \_\_\_\_\_ the answer, Birbal replied, "Ask your men to (4) \_\_\_\_\_ the number of crows. If there are more, then the relatives of the crows must be visiting them from (5) \_\_\_\_\_ cities. If there are fewer, then the crows from our city must be visiting their relatives who live outside the city."

**SubQuestion No : 22**

**Q.22** Select the most appropriate option to fill in blank number 2.

- Ans**  1. in  
 2. at  
 3. off  
 4. on

Question ID : **65497843759**  
Status : **Answered**  
Chosen Option : **1**

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Birbal immediately smiled and went up to Akbar. He announced the (1) \_\_\_\_\_; he said there were twenty-one thousand, five hundred and twenty-three crows (2) \_\_\_\_\_ the city. When asked how he (3) \_\_\_\_\_ the answer, Birbal replied, "Ask your men to (4) \_\_\_\_\_ the number of crows. If there are more, then the relatives of the crows must be visiting them from (5) \_\_\_\_\_ cities. If there are fewer, then the crows from our city must be visiting their relatives who live outside the city."

**SubQuestion No : 23**

**Q.23** Select the most appropriate option to fill in blank number 3.

- Ans**  1. known  
 2. know  
 3. knew  
 4. knowing

Question ID : **65497843760**  
Status : **Answered**  
Chosen Option : **3**

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Birbal immediately smiled and went up to Akbar. He announced the (1) \_\_\_\_\_; he said there were twenty-one thousand, five hundred and twenty-three crows (2) \_\_\_\_\_ the city. When asked how he (3) \_\_\_\_\_ the answer, Birbal replied, "Ask your men to (4) \_\_\_\_\_ the number of crows. If there are more, then the relatives of the crows must be visiting them from (5) \_\_\_\_\_ cities. If there are fewer, then the crows from our city must be visiting their relatives who live outside the city."

**SubQuestion No : 24**

**Q.24** Select the most appropriate option to fill in blank number 4.

- Ans**  1. count  
 2. judge  
 3. consider  
 4. calculate

Question ID : 65497843761  
Status : Answered  
Chosen Option : 1

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Birbal immediately smiled and went up to Akbar. He announced the (1) \_\_\_\_\_; he said there were twenty-one thousand, five hundred and twenty-three crows (2) \_\_\_\_\_ the city. When asked how he (3) \_\_\_\_\_ the answer, Birbal replied, "Ask your men to (4) \_\_\_\_\_ the number of crows. If there are more, then the relatives of the crows must be visiting them from (5) \_\_\_\_\_ cities. If there are fewer, then the crows from our city must be visiting their relatives who live outside the city."

**SubQuestion No : 25**

**Q.25** Select the most appropriate option to fill in blank number 5.

- Ans**  1. vicinity  
 2. near  
 3. close  
 4. nearby

Question ID : 65497843762  
Status : Answered  
Chosen Option : 4