Combined Graduate Level Examination 2020 Tier-I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	13/08/2021
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Graduate Level Examination 2020 Tier 1

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.**

12 : 60 :: 16 : ?

Ans   ✗ 1. 121

     ✗ 2. 201
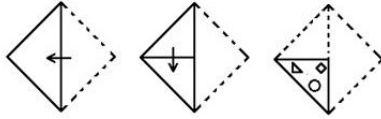
     ✗ 3. 210

     ✔ 4. 112

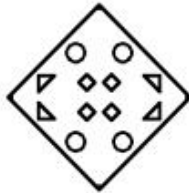Question ID : **81616113022**
Status : **Marked For Review**
Chosen Option : **4**

Q.2 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?
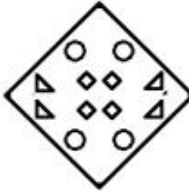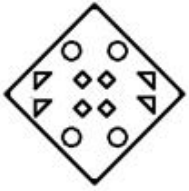

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.

Question ID : **81616113336**
Status : **Answered**
Chosen Option : **1**

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

42 * 7 * 64 * 11 * 6 *4

Ans ✘ 1. ×, +, −, ÷, =

✔ 2. ÷, +, −, ×, =

✘ 3. ×, −, +, ÷, =

✘ 4. ÷, −, +, ×, =

Question ID : **81616113935**
Status : **Answered**
Chosen Option : **2**

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

4 7 6
15 ? 21
44 68 60

Ans ✔ 1. 24

✗ 2. 20

✗ 3. 18

✗ 4. 19

Question ID : **81616113024**

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

Chosen Option : **--**

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

L_UA_Z_N_AP_L_U_PZ

Ans ✗ 1. P, N, L, Z, U, A, N

✔ 2. N, P, L, U, Z, N, A

✗ 3. P, L, U, Z, N, A, N

✗ 4. N, L, P, A, N, U, Z

Question ID : **81616113321**

Status : **Marked For Review**

Chosen Option : **2**

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 polygons are angles.
All angles are diagonals.
All cones are cubes.
All cubes are decagons.
No diagonal is a cube.

Conclusions:
I. Some diagonals are polygons.
II. All diagonals are decagons.
III. No polygon is a cone.
IV. Some cubes are angles.

Ans ✗ 1. Both conclusions II and IV follow

✗ 2. Only conclusion I follows

✗ 3. Both conclusions I and II follow

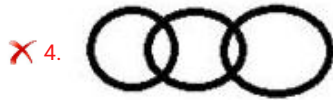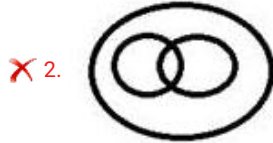✔ 4. Both conclusions I and III follow

Question ID : **81616113020**

Status : **Answered**

Chosen Option : **4**

Q.7 Select the Venn diagram that best illustrates the relationship among the following classes.

Women, Researchers, Introverts

Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.

Question ID : **81616113034**
Status : **Answered**
Chosen Option : **3**

Q.8 Out of the total number of players, 100/3 % are in hotel X and the remaining are in hotel Y. If 20 players from hotel Y are shifted to hotel X, then the number of players in hotel X becomes 50% of the total number of players. If 20 players from hotel X are shifted to hotel Y, then the number of players in hotel X becomes what per cent of the total number of players?

Ans ✗ 1. 12.75%

✗ 2. 26.34%

✗ 3. 20.67%

✔ 4. 16.67%

Question ID : **81616113330**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.9 Select the number from among the given options that can replace the question mark (?) in the following series.

24, 35, 51, 73, 102, ?

Ans ✗ 1. 151

✔ 2. 139

✗ 3. 131

✗ 4. 149

Question ID : **81616113829**
Status : **Answered**
Chosen Option : **2**

Q.10 In a certain code language, 'PERMIT' is written as 'VVLNOG'. How will 'INERTIA' be written in that language?

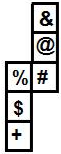Ans　✗ 1. XOYHCZU

　　　✓ 2. OMYIZRU

　　　✗ 3. XYOHBCU

　　　✗ 4. OHYXZCU

Q.11 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. CYUQ

　　　✓ 2. NJFA

　　　✗ 3. FBXT

　　　✗ 4. TPLH

Q.12 A cube is made by folding the given sheet. In the cube so formed, what would be the symbol on the opposite side of the # symbol?

```
    &
    @
 %  #
 $
 +
```

Ans　✗ 1. $

　　　✗ 2. +

　　　✓ 3. &

　　　✗ 4. %

Q.13 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different.

Ans　✗ 1. 14 : 210

　　　✗ 2. 18 : 342

　　　✓ 3. 17 : 307

　　　✗ 4. 12 : 156

Q.14 In a certain code language, 'AROUND' is coded as '52182412144' and 'FIX' is coded as '63624'. How will 'PLASTIC' be coded in that language?

Ans ✗ 1. 1612261920183

✓ 2. 1612521920363

✗ 3. 1812521920383

✗ 4. 1612522021363

Question ID : **81616113926**
Status : **Answered**
Chosen Option : **2**

Q.15 Select the option that is related to the third word in the same way as the second word is related to the first word.

Depression : Mood :: Insomnia : ?

Ans ✗ 1. Night

✗ 2. Thinking

✓ 3. Sleep

✗ 4. Dreams

Question ID : **81616113822**
Status : **Answered**
Chosen Option : **3**

Q.16 Select the option in which the words share the same relationship as that shared by the given pair of words.

Horses : Neigh

Ans ✓ 1. Ducks : Quack

✗ 2. Parrots : Bray

✗ 3. Pigs : Buzz

✗ 4. Hares : Boom

Question ID : **81616113318**
Status : **Answered**
Chosen Option : **1**

Q.17 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

M y 7 O Q F j |ᴾ
                |_Q

Ans
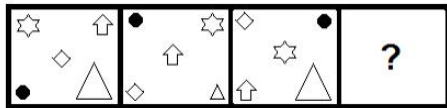
✗ 1. Mᴧ⅂oɒɘ!

✔ 2. ¡ꟻQOᒥ⅄M

✗ 3. ¡ꟻꟼOᒥᴧM

✗ 4. Mᴧ⅂ɒoɘ!

Q.18 Select the figure from among the given options that can replace the question mark (?) in the following series.

Ans

✗ 1.

✗ 2.

✗ 3.

✔ 4.
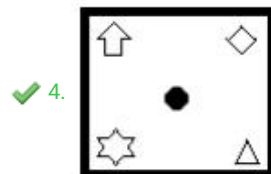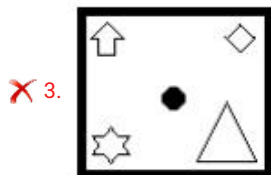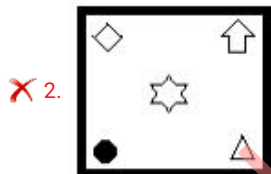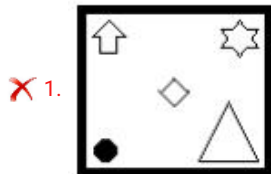
Q.19 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(25, 18, 225)

Ans ✗ 1. (9, 16, 170)

✗ 2. (17, 15, 220)

✓ 3. (24, 22, 264)

✗ 4. (15, 34, 190)

Question ID : **81616113934**

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

Chosen Option : **--**

Q.20 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Freeze
2. Freedom
3. Fryer
4. Frozen
5. Fraud
6. Fringe

Ans ✗ 1. 5, 1, 2, 6, 4, 3

✗ 2. 5, 6, 2, 1, 4, 3

✗ 3. 5, 2, 1, 6, 3, 4

✓ 4. 5, 2, 1, 6, 4, 3

Question ID : **81616113819**

Status : **Answered**

Chosen Option : **4**

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

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.

Question ID : **81616113334**
Status : **Answered**
Chosen Option : **1**

Q.22 P, L, T, B, N and D are six members of a business family. N is the son of B, who is not the mother of N. L is the brother of B. D and B are a married couple. T is the daughter of D, who is the sister of P. How is N related to T?

Ans ✘ 1. Sister

✘ 2. Mother

✔ 3. Brother

✘ 4. Father

Question ID : **81616113322**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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

PNNA, RPPE, TRRI, VTTO, ?

Ans ✘ 1. XWWU

✔ 2. XVVU

✘ 3. YUUV

✘ 4. YVVU

Question ID : **81616113313**
Status : **Answered**
Chosen Option : **2**

Q.24 How many triangles are there in the given figure?
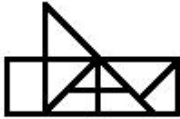
Ans
✓ 1. 11
✗ 2. 13
✗ 3. 12
✗ 4. 10

Question ID : **81616113938**
Status : **Marked For Review**
Chosen Option : **1**

Q.25 Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different.

Ans
✗ 1. Aptitude
✓ 2. Weight
✗ 3. Memory
✗ 4. Intelligence

Question ID : **81616113922**
Status : **Answered**
Chosen Option : **2**

Section : **General Awareness**

Q.1 In which of the following years was the Planning Commission of India set up?

Ans
✗ 1. 1945
✓ 2. 1950
✗ 3. 1958
✗ 4. 1962

Question ID : **81616113357**
Status : **Answered**
Chosen Option : **1**

Q.2 Baghmara Pitcher Plant Sanctuary is located in which of the following states?

Ans
✓ 1. Meghalaya
✗ 2. Goa
✗ 3. Karnataka
✗ 4. Assam

Question ID : **81616113348**
Status : **Answered**
Chosen Option : **1**

Q.3 For which of the following franchise teams did AB de Villiers play in IPL 2020?

Ans
✗ 1. Delhi Capitals

✗ 2. Mumbai Indians

✓ 3. Royal Challengers Bangalore

✗ 4. Kolkata Knight Riders

Question ID : **81616113863**

Status : **Answered**

Chosen Option : **3**

Q.4 Who won the Toyota Thailand Open Women's Singles Title in Bangkok in January 2021?

Ans
✗ 1. PV Sindhu

✗ 2. Tai Tzu-ying

✓ 3. Carolina Marin

✗ 4. Ashwini Ponnappa

Question ID : **81616113056**

Status : **Answered**

Chosen Option : **1**

Q.5 Who among the following won the '3rd Rabindranath Tagore Literary Prize' for his novel 'The City and The Sea' in December 2020?

Ans
✗ 1. Shekhar Gupta

✓ 2. Raj Kamal Jha

✗ 3. Rajdeep Sardesai

✗ 4. Siddhartha Sarma

Question ID : **81616113355**

Status : **Answered**

Chosen Option : **2**

Q.6 In Leh, the first ever ice climbing festival was celebrated in _____ valley in January 2021.

Ans
✗ 1. Ripchar

✗ 2. Markha

✓ 3. Nubra

✗ 4. Dras

Question ID : **81616113035**

Status : **Answered**

Chosen Option : **4**

Q.7 Which of the following is NOT a town/city on the west coast of India?

Ans
✗ 1. Karwar

✗ 2. Surat

✗ 3. Mangalore

✓ 4. Gopalpur

Question ID : **81616113953**

Status : **Answered**

Chosen Option : **1**

Q.8 **Which of the following places is famous for a copper mine?**

Ans ✗ 1. Gaya

✓ 2. Khetri

✗ 3. Keonjhar

✗ 4. Satna

Question ID : **81616113854**
Status : **Answered**
Chosen Option : **2**

Q.9 **Which of the following is a process in which hot, less dense materials rise upward and are replaced by colder, more dense materials?**

Ans ✗ 1. Condensation

✗ 2. Radiation

✗ 3. Conduction

✓ 4. Convection

Question ID : **81616113346**
Status : **Answered**
Chosen Option : **1**

Q.10 **Gurdwara Patalpuri Sahib is located on the bank of river _____.**

Ans ✗ 1. Yamuna

✗ 2. Ganga

✓ 3. Sutlej

✗ 4. Beas

Question ID : **81616113945**
Status : **Answered**
Chosen Option : **4**

Q.11 **Who among the following was one of the founders of the Hindustan Republic Association?**

Ans ✓ 1. Ram Prasad Bismil

✗ 2. Lala Lajpat Rai

✗ 3. Surya Sen

✗ 4. Jatindranath Mukherjee

Question ID : **81616113352**
Status : **Answered**
Chosen Option : **2**

Q.12 Who among the following had written Kitab-ul-Hind that gave an incisive description of early 11th Century India?

Ans ✗ 1. Al-Kindi

✗ 2. Al-Bukhari

✓ 3. Al-Biruni

✗ 4. Al-Khwarizmi

Question ID : **81616113050**
Status : **Answered**
Chosen Option : **2**

Q.13 Which of the following statements about Swami Dayanand Saraswati is INCORRECT?

Ans ✗ 1. His birthplace was Gujarat.

✗ 2. He authored the book 'Satyarth Prakash'.

✗ 3. He was the founder of Arya Samaj.

✓ 4. He was the founder of Brahmo Samaj.

Question ID : **81616113957**
Status : **Answered**
Chosen Option : **4**

Q.14 _____ is the structural and functional unit of kidney.

Ans ✗ 1. Ureter

✗ 2. Cortex

✗ 3. Medulla

✓ 4. Nephron

Question ID : **81616113042**
Status : **Answered**
Chosen Option : **4**

Q.15 In which of the following years was the Second Round Table Conference in London held?

Ans ✗ 1. 1925

✗ 2. 1939

✓ 3. 1931

✗ 4. 1941

Question ID : **81616113047**
Status : **Answered**
Chosen Option : **2**

Q.16 Electron-volt is a unit of _____.

Ans ✗ 1. current

✓ 2. energy

✗ 3. power

✗ 4. potential difference

Question ID : **81616113950**
Status : **Answered**
Chosen Option : **3**

Q.17 In December 2020, the Ministry of Home Affairs declared the entire State of _____ as a 'disturbed area' for six more months under the Armed Forces (Special Powers) Act, 1958 (AFSPA).

Ans ✔ 1. Nagaland

✘ 2. Punjab

✘ 3. Jharkhand

✘ 4. West Bengal

Question ID : **81616113867**
Status : **Answered**
Chosen Option : **1**

Q.18 Who among the following replaced Morarji Desai as the Prime Minister of India in 1979?

Ans ✘ 1. Chandrasekhar

✘ 2. Devi Lal

✘ 3. Jagjivan Ram

✔ 4. Charan Singh

Question ID : **81616113962**
Status : **Answered**
Chosen Option : **2**

Q.19 Who among the following is a Padma Vibhushan awardee of 2021?

Ans ✘ 1. Tarlochan Singh

✘ 2. Mouma Das

✘ 3. Sumitra Mahajan

✔ 4. Sudarshan Sahoo

Question ID : **81616113859**
Status : **Answered**
Chosen Option : **4**

Q.20 Unique Transaction Reference number is a _____ character code used to uniquely identify a transaction in the RTGS system.

Ans ✘ 1. 17

✘ 2. 34

✔ 3. 22

✘ 4. 45

Question ID : **81616113340**
Status : **Answered**
Chosen Option : **3**

Q.21 As per the Union Budget of 2021-22, how many regional national institutes of virology will be set up?

Ans ✗ 1. Two

✗ 2. Six

✓ 3. Four

✗ 4. Three

Question ID : **81616113947**
Status : **Answered**
Chosen Option : **2**

Q.22 Which of the following has the same dimension as that of linear momentum?

Ans ✓ 1. Impulse

✗ 2. Stress

✗ 3. Work

✗ 4. Energy

Question ID : **81616113848**
Status : **Answered**
Chosen Option : **2**

Q.23 Who among the following was elected as the President of Veterinary Council of India in January 2021?

Ans ✗ 1. Dipankar Seth

✗ 2. KK Verma

✗ 3. Rajeev Arora

✓ 4. Umesh Sharma

Question ID : **81616113361**
Status : **Answered**
Chosen Option : **1**

Q.24 Which of the following schemes is aimed at helping accelerate the uptake of broadband internet services?

Ans ✗ 1. PM-DHWANI

✓ 2. PM-WANI

✗ 3. PM-VAARTA

✗ 4. PM-INTERNET

Question ID : **81616113865**
Status : **Answered**
Chosen Option : **2**

Q.25 Which of the following is the application of sciences such as physics, chemistry, biology, computer science and engineering to matters of law and to the identification of various facts of civilian investigation?

Ans ✗ 1. Psychology

✗ 2. Morphology

✔ 3. Forensic science

✗ 4. Kalology

Question ID : **81616113039**
Status : **Answered**
Chosen Option : **3**

Section : **Quantitative Aptitude**

Q.1 The income of A is 45% more than the income of B and the income of C is 60% less than the sum of the incomes of A and B. The income of D is 20% more than that of C. If the difference between the incomes of B and D is ₹13200, then the income (in ₹) of C is:

Ans ✗ 1. 75000

✔ 2. 73500

✗ 3. 72500

✗ 4. 72000

Question ID : **81616113973**
Status : **Answered**
Chosen Option : **2**

Q.2 $\triangle ABC \sim \triangle PQR$. The areas of $\triangle ABC$ and $\triangle PQR$ are $64\ cm^2$ and $81\ cm^2$, respectively and AD and PT are the medians of $\triangle ABC$ and $\triangle PQR$, respectively. If $PT = 10.8\ cm$, then $AD = ?$

Ans ✗ 1. $8.4\ cm$

✗ 2. $9\ cm$

✔ 3. $9.6\ cm$

✗ 4. $12\ cm$

Question ID : **81616113884**
Status : **Answered**
Chosen Option : **3**

Q.3 If $\dfrac{\cos^2\theta}{\cot^2\theta+\sin^2\theta-1} = 3,\ 0° < \theta < 90°$, then the value of $(\tan\theta + \operatorname{cosec}\theta)$ is:

Ans ✗ 1. $2\sqrt{3}$

✔ 2. $\dfrac{5\sqrt{3}}{3}$

✗ 3. $3\sqrt{3}$

✗ 4. $\dfrac{4\sqrt{3}}{3}$

Question ID : **81616113987**
Status : **Answered**
Chosen Option : **2**

Q.4 Length of each side of a rhombus is 13 cm and one of the diagonal is 24 cm. What is the area (in cm^2) of the rhombus?

Ans

✗ 1. 240

✗ 2. 60

✗ 3. 300

✓ 4. 120

Q.5 Some fruits are bought at 15 for ₹140 and an equal number of fruits at 10 for ₹120. If all the fruits are sold at ₹132 per dozen, then what is the profit percent in the entire transaction?

Ans

✓ 1. $3\frac{1}{8}$

✗ 2. $4\frac{1}{2}$

✗ 3. 3

✗ 4. $2\frac{1}{4}$

Q.6 Study the following table and answer the question:

Number of cars sold by dealers A, B, C, D & E during first six months of 2018.

Month \ Dealer	January	February	March	April	May	June
A	620	640	628	635	430	625
B	600	642	635	580	450	620
C	640	635	640	540	625	740
D	520	645	722	740	600	780
E	548	638	720	740	650	800

The ratio of the total number of cars sold by dealer B in January, April and June to the total number of cars sold by dealers A and D in March is:

Ans

✓ 1. 4 : 3

✗ 2. 10 : 9

✗ 3. 8 : 9

✗ 4. 7 : 5

Q.7 Study the following table and answer the question:

Number of cars sold by dealers A, B, C, D & E during first six months of 2018.

Dealer / Month	January	February	March	April	May	June
A	620	640	628	635	430	625
B	600	642	635	580	450	620
C	640	635	640	540	625	740
D	520	645	722	740	600	780
E	548	638	720	740	650	800

In July 2018, if the sales of cars by the dealer D increases by the same percentage as in June 2018 over its previous month, then what is the number of cars sold by D in July 2018?

Ans ✗ 1. 1020

✗ 2. 959

✔ 3. 1014

✗ 4. 975

Question ID : **81616114194**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.8 When x is subtracted from each of 19, 28, 55 and 91, the numbers so obtained in this order are in proportion. What is the value of x?

Ans ✗ 1. 8

✔ 2. 7

✗ 3. 9

✗ 4. 5

Question ID : **81616113066**
Status : **Marked For Review**
Chosen Option : **1**

Q.9 The average of 28 numbers is 77. The average of first 14 numbers is 74 and the average of last 15 numbers is 84. If the 14th number is excluded, then what is the average of remaining numbers? (correct to one decimal places)

Ans ✗ 1. 77

✔ 2. 74.7

✗ 3. 76.9

✗ 4. 73.1

Question ID : **81616113365**
Status : **Answered**
Chosen Option : **2**

Q.10 Sides AB and DC of a cyclic quadrilateral ABCD are produced to meet at E and sides AD and BC are produced to meet at F. If $\angle ADC = 78°$ and $\angle BEC = 52°$, then the measure of $\angle AFB$ is:

Ans

✗ 1. $26°$

✗ 2. $32°$

✗ 3. $30°$

✔ 4. $28°$

Q.11 Find the value of $\cot 25° \cot 35° \cot 45° \cot 55° \cot 65°$.

Ans

✗ 1. $\sqrt{3}$

✔ 2. 1

✗ 3. $\dfrac{\sqrt{3}}{2}$

✗ 4. $\dfrac{1}{\sqrt{3}}$

Q.12 Study the table and answer the question.

Table shows District-wise data of the number of primary school teachers posted in schools of a city.

District	Male teachers	Female teachers
East	1650	2375
North	1075	2651
West	1280	1520
South	1170	1085
Central	690	859

What is the ratio of the number of male teachers to the number of female teachers in the city?

Ans

✗ 1. $195 : 283$

✗ 2. $78 : 113$

✗ 3. $586 : 849$

✔ 4. $391 : 566$

Q.13 $\dfrac{\csc\theta}{\csc\theta-1}+\dfrac{\csc\theta}{\csc\theta+1}-\tan^2\theta,\ 0°<\theta<90°,$

is equal to:

Ans ✗ 1. $2\sec^2\theta$

✔ 2. $\sec^2\theta+1$

✗ 3. $\sec^2\theta$

✗ 4. $1-\tan^2\theta$

Q.14 If the 5-digit number $676xy$ is divisible by 3, 7 and 11, then what is the value of $(3x-5y)$?

Ans ✗ 1. 10

✗ 2. 7

✔ 3. 9

✗ 4. 11

Q.15 A chord 21 cm long is drawn in a circle of diameter 25 cm. The perpendicular distance of the chord from the centre is:

Ans ✗ 1. $\sqrt{41}$

✗ 2. $\sqrt{23}$

✗ 3. $\sqrt{56}$

✔ 4. $\sqrt{46}$

Q.16 Let $\Delta ABC \sim \Delta PQR$ and $\frac{ar(\Delta ABC)}{ar(\Delta QPR)} = \frac{144}{49}$. If $AB = 12$ cm, $BC = 7$ cm and $AC = 9$ cm, then PR (in cm) is equal to:

Ans

✗ 1. 12

✗ 2. $\frac{49}{12}$

✗ 3. $\frac{108}{7}$

✓ 4. $\frac{21}{4}$

Q.17 To do a certain work, A and B work on alternate days with B beginning the work on the first day. A alone can complete the same work in 24 days. If the work gets completed in $11\frac{1}{3}$ days, then B alone can complete $\frac{7}{9}$ th part of the original work in:

Ans

✗ 1. $5\frac{1}{2}$ days

✗ 2. 4 days

✗ 3. $4\frac{1}{2}$ days

✓ 4. 6 days

Q.18 Study the table and answer the question.

In the table, production and sale (in 1000 tonnes) of a certain product of a company over 5 years is given.

years	Production (in 1000 tonnes)	Sale (in 1000 tonnes)
2015	1250	1000
2016	1400	1290
2017	1450	1100
2018	1500	1450
2019	1600	1390

In which year(s) sale is more than 90% of the production?

Ans

✓ 1. 2016, 2018

✗ 2. 2017, 2018

✗ 3. 2015, 2017, 2019

✗ 4. 2016, 2017

Q.19 A shopkeeper earns a profit of 21% after selling a book at 21% discount on the printed price. The ratio of the cost price and selling price of the book is:

Ans ✗ 1. $100 : 79$

✔ 2. $100 : 121$

✗ 3. $79 : 100$

✗ 4. $121 : 100$

Q.20 If $x + \dfrac{1}{x} = 4$, then the value of $x^5 + \dfrac{1}{x^5}$ is:

Ans ✗ 1. 736

✗ 2. 776

✗ 3. 684

✔ 4. 724

Q.21 If $x + y = 4$ and $\dfrac{1}{x} + \dfrac{1}{y} = \dfrac{16}{15}$, then what is the value of $(x^3 + y^3)$?

Ans ✗ 1. 18

✔ 2. 19

✗ 3. 21

✗ 4. 16

Q.22 The value of $20 \div 5 \ of \ 8 \times [9 \div 6 \times (6 - 3)] - (10 \div 2 \ of \ 20)$ is:

Ans ✗ 1. 6

✗ 2. 1

✗ 3. 0

✔ 4. 2

Q.23 X, Y are two points in a river. Points P and Q divide the straight line XY into three equal parts. The river flows along XY and the time taken by a boat to row from X to Q and from Y to Q are in the ratio 4 : 5. The ratio of the speed of the boat downstream to that of the river current is equal to:

Ans
✗ 1. $3 : 10$
✗ 2. $3 : 4$
✓ 3. $10 : 3$
✗ 4. $4 : 3$

Q.24 What is the compound interest (in ₹) on a sum of ₹8192 for $1\frac{1}{4}$ years at 15% per annum, if interest is compounded 5-monthly?

Ans
✗ 1. 1640
✗ 2. 1740
✓ 3. 1634
✗ 4. 1735

Q.25 If $8(x + y)^3 - 27(x - y)^3 = (5y - x)(Ax^2 + By^2 + Cxy)$, then what is the value of $(A + B - C)$?

Ans
✗ 1. 16
✗ 2. -26
✓ 3. 36
✗ 4. -16

Section : **English Comprehension**

Q.1 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. When we got near, we saw it was the steam rising from hot springs.
B. We saw in the distance a great column of smoke.
C. We wondered if it came from a chimney or a burning house.
D. We thought of taking a bath in the hot water.

Ans ✗ 1. ACDB

✗ 2. ABCD

✔ 3. BCAD

✗ 4. BCDA

Q.2 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 must avoid riding in a crowded bus / or travelling in a metro / during rush hour / as both are quiet unpleasant experiences.

Ans ✗ 1. You must avoid riding in a crowded bus

✗ 2. during rush hour

✔ 3. as both are quiet unpleasant experiences

✗ 4. or travelling in a metro

Q.3 Select the most appropriate synonym of the given word.

Generic

Ans ✗ 1. Specific

✗ 2. Precise

✗ 3. Definite

✔ 4. Universal

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

Work and domestic _____ made Kajal short-tempered.

Ans ✔ 1. pressures

✗ 2. gravities

✗ 3. weights

✗ 4. forces

Q.5 **Select the most appropriate meaning of the given idiom.**

Raise the bar

Ans ✖ 1. To grow taller

✖ 2. To raise the price

✖ 3. To win a competition

✔ 4. To set higher goals

Question ID : **81616113103**
Status : **Answered**
Chosen Option : **4**

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

A herd or flock of animals being driven in a body

Ans ✖ 1. Crowd

✖ 2. Cluster

✖ 3. Throng

✔ 4. Drove

Question ID : **81616114015**
Status : **Answered**
Chosen Option : **4**

Q.7 **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**

Had you / not reached in time, / we will have / lost our lives.

Ans ✖ 1. lost our lives

✖ 2. not reached in time

✖ 3. Had you

✔ 4. we will have

Question ID : **81616113085**
Status : **Answered**
Chosen Option : **4**

Q.8 **Select the most appropriate meaning of the given idiom.**

Bang for the buck

Ans ✖ 1. Dash against something

✔ 2. More value for money

✖ 3. Less value for money

✖ 4. A sorrowful heart

Question ID : **81616113104**
Status : **Answered**
Chosen Option : **2**

Q.9 Select the most appropriate ANTONYM of the given word.

Gradual

Ans ✔ 1. Abrupt

✘ 2. Regular

✘ 3. Gentle

✘ 4. Slow

Question ID : **81616113102**

Status : **Answered**

Chosen Option : **1**

Q.10 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

The toy drummer <u>plays the drum if you press</u> the button at the back.

Ans ✘ 1. played the drum if you are pressing

✔ 2. No substitution

✘ 3. playing the drum if you pressed

✘ 4. will play the drum if you will press

Question ID : **81616113998**

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.

A group of three novels or plays, each complete in itself

Ans ✘ 1. Triplet

✘ 2. Triumvir

✘ 3. Trivet

✔ 4. Trilogy

Question ID : **81616114014**

Status : **Answered**

Chosen Option : **4**

Q.12 Select the most appropriate ANTONYM of the given word.

Seize

Ans ✘ 1. Catch

✘ 2. Grab

✔ 3. Loosen

✘ 4. Snatch

Question ID : **81616113909**

Status : **Answered**

Chosen Option : **3**

Q.13 Select the most appropriate synonym of the given word.

Regime

Ans ❌ 1. Territory

✅ 2. Rule

❌ 3. Space

❌ 4. Country

Question ID : **81616113402**
Status : **Answered**
Chosen Option : **2**

Q.14 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. But the eagle, in wrath, gave the beetle a flap of his wing, and straightaway seized upon the hare and devoured him.
B. The beetle therefore interceded with the eagle, begging of him not to kill the poor suppliant, and pleaded with him not to kill so small an animal.
C. When the eagle flew away, the beetle flew after him, to learn where his nest was.
D. A hare, being pursued by an eagle, took himself for refuge to the nest of a beetle, whom he begged to save him.

Ans ✅ 1. DBAC

❌ 2. DCAB

❌ 3. ACDB

❌ 4. CBAD

Question ID : **81616113905**
Status : **Answered**
Chosen Option : **1**

Q.15 Select the most appropriate option to fill in the blank.

India is formally moving ahead to _____ 21 MIG-29 and 12 Sukhoi-30MKI fighters from Russia along with upgrades of their existing fleets.

Ans ❌ 1. achieve

❌ 2. advance

❌ 3. accomplish

✅ 4. procure

Question ID : **81616113413**
Status : **Answered**
Chosen Option : **4**

Q.16 Select the INCORRECTLY spelt word.

Ans ❌ 1. Wildernesses

❌ 2. Exterminated

❌ 3. Unmanageable

✅ 4. Voilence

Question ID : **81616113916**
Status : **Answered**
Chosen Option : **1**

Q.17 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

While washing your hands, rub them together for 20 seconds to remove <u>the microbes on them</u>.

Ans   ✔ 1. No substitution

     ✘ 2. the microbes on they

     ✘ 3. the microbes on those

     ✘ 4. the microbes on their

> Question ID : **81616113393**
> Status : **Answered**
> Chosen Option : **1**

Q.18 Select the option that expresses the given sentence in indirect speech.

"Everything is going to be alright," said the doctor.

Ans   ✘ 1. The doctor said that everything are going to be alright.

     ✘ 2. The doctor said that everything is going to be alright.

     ✘ 3. The doctor said that everything will be alright.

     ✔ 4. The doctor said that everything was going to be alright.

> Question ID : **81616113391**
> Status : **Answered**
> Chosen Option : **4**

Q.19 Select the option that expresses the given sentence in passive voice.

The invigilator is advising the students not to carry calculators into the examination hall.

Ans   ✘ 1. The students have been advised not to carry calculators into the examination hall by the invigilator.

     ✘ 2. The students were advised not to carry calculators into the examination hall.

     ✔ 3. The students are being advised by the invigilator not to carry calculators into the examination hall.

     ✘ 4. The students were advised the invigilator not to carry calculators into the examination hall.

> Question ID : **81616113996**
> Status : **Answered**
> Chosen Option : **3**

Q.20 Select the INCORRECTLY spelt word.

Ans   ✘ 1. Decrease

     ✔ 2. Pieceful

     ✘ 3. Specified

     ✘ 4. Creature

> Question ID : **81616113915**
> Status : **Answered**
> Chosen Option : **2**

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 blank.

What every tourist must take back from Bhutan is pure honey, especially Putka, "Antibiotic" honey produced (1)_____ Melipona Bees (stingless bees) a breed found in protected areas (2)_____ 700 to 1,500 metres above sea level. Due (3)_____ their small size, they can get larger nutrients (4)_____ regular honeybees. It has a tangy/sour taste and can (5)_____ your sore throat in a matter of minutes.

SubQuestion No : 21

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

Ans ✖ 1. of

✔ 2. by

✖ 3. through

✖ 4. with

Question ID : **81616113900**
Status : **Answered**
Chosen Option : **2**

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 blank.

What every tourist must take back from Bhutan is pure honey, especially Putka, "Antibiotic" honey produced (1)_____ Melipona Bees (stingless bees) a breed found in protected areas (2)_____ 700 to 1,500 metres above sea level. Due (3)_____ their small size, they can get larger nutrients (4)_____ regular honeybees. It has a tangy/sour taste and can (5)_____ your sore throat in a matter of minutes.

SubQuestion No : 22

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

Ans ✖ 1. midst

✔ 2. between

✖ 3. after

✖ 4. among

Question ID : **81616113901**
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 blank.

What every tourist must take back from Bhutan is pure honey, especially Putka, "Antibiotic" honey produced (1)_____ Melipona Bees (stingless bees) a breed found in protected areas (2)_____ 700 to 1,500 metres above sea level. Due (3)_____ their small size, they can get larger nutrients (4)_____ regular honeybees. It has a tangy/sour taste and can (5)_____ your sore throat in a matter of minutes.

SubQuestion No : 23

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

Ans ✗ 1. for

✔ 2. to

✗ 3. at

✗ 4. of

Question ID : **81616113902**
Status : **Answered**
Chosen Option : **2**

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 blank.

What every tourist must take back from Bhutan is pure honey, especially Putka, "Antibiotic" honey produced (1)_____ Melipona Bees (stingless bees) a breed found in protected areas (2)_____ 700 to 1,500 metres above sea level. Due (3)_____ their small size, they can get larger nutrients (4)_____ regular honeybees. It has a tangy/sour taste and can (5)_____ your sore throat in a matter of minutes.

SubQuestion No : 24

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

Ans ✗ 1. and

✗ 2. then

✔ 3. than

✗ 4. though

Question ID : **81616113903**
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 blank.

What every tourist must take back from Bhutan is pure honey, especially Putka, "Antibiotic" honey produced (1)_____ Melipona Bees (stingless bees) a breed found in protected areas (2)_____ 700 to 1,500 metres above sea level. Due (3)_____ their small size, they can get larger nutrients (4)_____ regular honeybees. It has a tangy/sour taste and can (5)_____ your sore throat in a matter of minutes.

SubQuestion No : 25

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

Ans ✗ 1. calm

✗ 2. pacify

✗ 3. appease

✔ 4. soothe

Question ID : **81616113904**
Status : **Answered**
Chosen Option : **4**

Combined Graduate Level Examination 2020 Tier-I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	13/08/2021
Exam Time	12:00 PM - 1:00 PM
Subject	Combined Graduate Level Examination 2020 Tier 1

Section : **General Intelligence and Reasoning**

Q.1 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 directors are actors.
No actor is a producer.
All choreographers are directors.

Conclusions:
I. No choreographer is producer.
II. Some actors are choreographers.
III. No director is a producer.

Ans ✔ 1. All the conclusions follow

✘ 2. Only conclusions I and II follow

✘ 3. Only conclusions II and III follow

✘ 4. Only conclusions I and III follow

Question ID : **81616114232**
Status : **Answered**
Chosen Option : **1**

Q.2 Find the number of triangles in the given figure.

Ans ✘ 1. 15

✘ 2. 12

✘ 3. 14

✔ 4. 13

Question ID : **81616113029**
Status : **Marked For Review**
Chosen Option : **2**

Q.3 In a certain code language, 'DOLPHIN' is written as 'EPMPGHM'. How will 'CORDIAL' be written in that language?

Ans ✔ 1. DPSDHZK

✗ 2. DPSEGZK

✗ 3. EPTDHZK

✗ 4. DPSDHAL

Question ID : **81616114228**

Status : **Answered**

Chosen Option : **1**

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

CMQR, BONV, AQKZ, ZSHD, ?

Ans ✗ 1. YVEI

✔ 2. YUEH

✗ 3. ZVGH

✗ 4. ZUDH

Question ID : **81616113515**

Status : **Answered**

Chosen Option : **2**

Q.5 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. HJMP

✗ 2. TVYB

✗ 3. BDGT

✗ 4. LNQJ

Question ID : **81616113517**
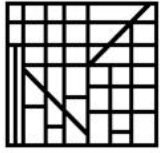
Status : **Answered**

Chosen Option : **1**

Q.6 Select the number from among the given options that can replace the question mark (?) in the following series.

4, 11, 31, 65, 193, ?

Ans ✔ 1. 389

✗ 2. 368

✗ 3. 386

✗ 4. 398

Question ID : **81616113526**

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

Chosen Option : **--**

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

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.
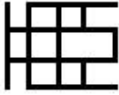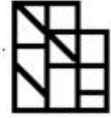
Q.8 Select the option that is related to the third word in the same way as the second word is related to the first word.

Chisel: Sculptor : : Anvil : ?

Ans ✘ 1. Surgeon

✔ 2. Blacksmith

✘ 3. Carpenter

✘ 4. Butcher

Q.9 Select the figure from among the given options that can replace the question mark (?) in the following series.
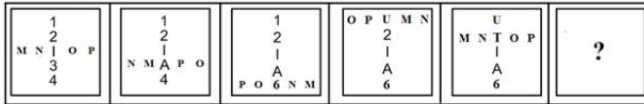
Ans

✔ 1.
```
    U
    T
N M X P O
    A
    6
```

✘ 2.
```
    U
    T
N M | P O
    A
    6
```

✘ 3.
```
    U
    T
M N W O P
    A
    6
```

✘ 4.
```
    U
    T
N M X O P
    A
    6
```

Q.10 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(12, 30, 61)

Ans ✔ 1. (18, 45, 91)

✘ 2. (14, 35, 72)

✘ 3. (6, 15, 30)

✘ 4. (8, 21, 45)

Q.11 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.
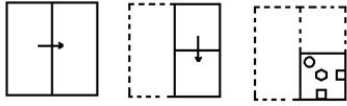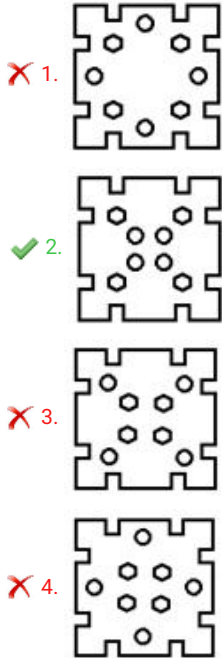
Question ID : **81616113538**
Status : **Answered**
Chosen Option : **2**

Q.12 'R8S' means 'R is the father of S'.
'R7S' means 'R is the sister of S'.
'R6S' means 'R is the brother of S'.
'R2S' means 'R is the wife of S'.

Which of the following expressions represents 'X is the mother of Y'?

Ans ✗ 1. X7M6O2Y

✗ 2. X8M2Y

✗ 3. X2M8O2Y

✔ 4. X2M8Y

Question ID : **81616113524**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.13 In a certain code language, 'VIRTUE' is coded as '201' and 'TRAGEDY' is coded as '218'. How will 'PROFANE' be coded in that language?

Ans ✗ 1. 570

✗ 2. 456

✗ 3. 432

✔ 4. 342

Question ID : **81616113017**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.14 Seven years from now, Anamika will be as old as Malini was 4 years ago. Srinidhi was born 2 years ago. The average age of Anamika, Malini and Srinidhi 10 years from now will be 33 years. What is the present age of Anamika?

Ans ✗ 1. 30 years

  ✗ 2. 29 years

  ✗ 3. 31 years

  ✔ 4. 28 years

Q.15 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(24, 10, 392)

Ans ✗ 1. (26, 12, 369)

  ✔ 2. (29, 18, 242)

  ✗ 3. (21, 18, 234)

  ✗ 4. (27, 15, 480)

Q.16 Three different positions of the same dice are shown. Select the letter/number that will be on the face opposite to the face having the letter 'U'.

Ans ✗ 1. 9

  ✗ 2. A

  ✗ 3. I

  ✔ 4. E

Q.17 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

Ans ✗ 1.

  ✗ 2.

  ✔ 3.

  ✗ 4.

Q.18 Select the option that is related to the fourth number in the same way as the first number is related to the second number and the fifth number is related to the sixth number.

17 : 293 :: ? : 488 :: 21 : 445

Ans ✗ 1. 28

✗ 2. 24

✔ 3. 22

✗ 4. 20

Q.19 Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the equation.

60 * 2 * 3 * 6 * 5 * 43

Ans ✔ 1. ÷, +, ×, -, =

✗ 2. ÷, +, ×, =, -

✗ 3. ÷, ×, +, -, =

✗ 4. +, ÷, ×, =, -

Q.20 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different.

Ans ✗ 1. 12 : 432

✗ 2. 7 : 147

✔ 3. 13 : 506

✗ 4. 8 : 192

Q.21 Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different.

Ans ✔ 1. Deteriorate

✗ 2. Growth

✗ 3. Advance

✗ 4. Headway

Q.22 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

l _ chtlgc _ tlg _ht _ gc _ tlgch _

Ans ✔ 1. g, h, c, l, h, t

✘ 2. h, h, g, c, l, t

✘ 3. h, g, h, c, l, t

✘ 4. g, h, c, h, l, t

Question ID : **81616113523**
Status : **Not Answered**
Chosen Option : **--**

Q.23 Select the option in which the words share the same relationship as that shared by the given pair of words.

Resistance : Ohm

Ans ✘ 1. Force : Watt

✔ 2. Angle : Radians

✘ 3. Ampere : Current

✘ 4. Density : Joule

Question ID : **81616113520**
Status : **Not Answered**
Chosen Option : **--**

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. Protest
2. Palindrome
3. Probability
4. Pathetic
5. Parking

Ans ✘ 1. 2, 1, 3, 4, 5

✘ 2. 2, 5, 1, 4, 3

✔ 3. 2, 5, 4, 3, 1

✘ 4. 2, 4, 5, 3, 1

Question ID : **81616113516**
Status : **Not Answered**
Chosen Option : **--**

Q.25 Select the Venn diagram that best illustrates the relationship between the following classes.

Musicians, Females, Daughters

Ans
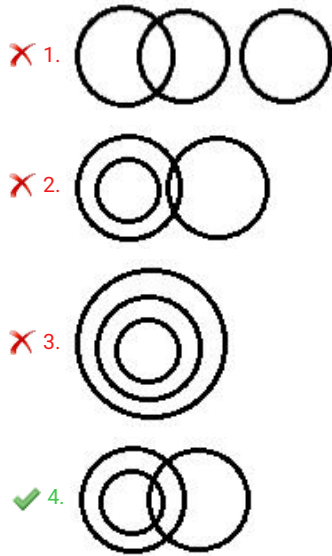
✗ 1.

✗ 2.

✗ 3.

✓ 4.

Section : **General Awareness**

Q.1 In which of the following states is the Rowa Wildlife Sanctuary situated?

Ans ✓ 1. Tripura

✗ 2. Assam

✗ 3. Punjab

✗ 4. Haryana

Q.2 With which of the following sports is Ruia Gold Cup associated?

Ans ✗ 1. Water polo

✓ 2. Bridge

✗ 3. Badminton

✗ 4. Swimming

Q.3 Who among the following persons was elected as the Vice President of Asia Pacific Broadcasting Union in December 2020?

Ans ✗ 1. Rakesh Mohan

✗ 2. Hemant Pandey

✓ 3. Shashi Shekhar Vempati

✗ 4. Bina Agarwal

Q.4 Who among the following assassinated Sir William Hutt Curzon Wyllie in London?

Ans ✗ 1. Surya Sen

✓ 2. Madan Lal Dhingra

✗ 3. Sukhdev Thapar

✗ 4. Khudiram Bose

Question ID : **81616113048**
Status : **Answered**
Chosen Option : **3**

Q.5 Which of the following Articles of the Constitution of India states that there will be a Vice-President of India?

Ans ✗ 1. Article 45

✗ 2. Article 56

✗ 3. Article 75

✓ 4. Article 63

Question ID : **81616113053**
Status : **Answered**
Chosen Option : **4**

Q.6 With which of the following countries did India sign an agreement in February 2021 for the construction of Lalandar (Shatoot) Dam?

Ans ✗ 1. Australia

✗ 2. Japan

✗ 3. Brazil

✓ 4. Afghanistan

Question ID : **81616113562**
Status : **Answered**
Chosen Option : **4**

Q.7 Which of the following states launched the SAANS (Social Awareness and Action to Neutralise Pneumonia Successfully) campaign in February 2021?

Ans ✗ 1. Odisha

✓ 2. Madhya Pradesh

✗ 3. Sikkim

✗ 4. Uttar Pradesh

Question ID : **81616113545**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.8 Lakshya Sen is associated with which of the following sports?

Ans ✗ 1. Lawn tennis

✓ 2. Badminton

✗ 3. Basketball

✗ 4. Table tennis

Question ID : **81616114268**
Status : **Answered**
Chosen Option : **1**

Q.9 Who among the following was appointed as the Managing Director and Chief Executive Officer of SBI Cards and Payment Services Ltd. in January 2021?

Ans ✗ 1. Rajnish Kumar

  ✗ 2. Ashwini Kumar Tewari

  ✗ 3. Swaminathan Janakiraman

  ✓ 4. Rama Mohan Rao Amara

Question ID : **81616113038**
Status : **Answered**
Chosen Option : **1**

Q.10 Mizoram has started 'Love Brigade' scheme to fight against which of the following diseases in December 2020?

Ans ✗ 1. Syphilis

  ✗ 2. Gonorrhoea

  ✓ 3. HIV/AIDS

  ✗ 4. Chlamydia

Question ID : **81616113041**
Status : **Not Answered**
Chosen Option : **--**

Q.11 Who among the following persons was announced as the brand ambassador for the BAFTA (British Academy of Film and Television Arts) 'Breakthrough Initiative' in November 2020?

Ans ✗ 1. Kuldeep Handoo

  ✗ 2. Ajay Devgan

  ✗ 3. Akshay Kumar

  ✓ 4. AR Rahman

Question ID : **81616113557**
Status : **Answered**
Chosen Option : **4**

Q.12 Who among the following was appointed as the Chief Executive of the health insurance scheme 'Ayushman Bharat' by the National Health Authority in January 2021?

Ans ✗ 1. Sanjeev Kumar

  ✓ 2. RS Sharma

  ✗ 3. Anil Ladha

  ✗ 4. Rama Mohan Rao Amara

Question ID : **81616113563**
Status : **Answered**
Chosen Option : **2**

Q.13 In which of the following temples will you find Gopurams?

Ans ✓ 1. Shiva Temple, Chidambaram

  ✗ 2. Bhabatarini Temple, Dakshineswar

  ✗ 3. Golden Temple, Amritsar

  ✗ 4. Dilwara Temple, Mount Abu

Question ID : **81616114247**
Status : **Not Answered**
Chosen Option : **--**

Q.14 The Mysore Palace was the residence of the _____.

Ans ✗ 1. Chandelas

✗ 2. Palas

✗ 3. Bundelas

✓ 4. Wodeyars

Question ID : **81616114259**
Status : **Not Answered**
Chosen Option : **--**

Q.15 A channel of canal where water is forced to flow against the slope of land by upliftment is called _____.

Ans ✗ 1. Flow channel

✗ 2. Groundwater table

✓ 3. Lift channel

✗ 4. Warabandi system

Question ID : **81616113550**
Status : **Not Answered**
Chosen Option : **--**

Q.16 With what do you divide thrust in a liquid to obtain the value of pressure?

Ans ✗ 1. Volume

✓ 2. Area

✗ 3. Density

✗ 4. Mass

Question ID : **81616114251**
Status : **Answered**
Chosen Option : **2**

Q.17 Which of the following is NOT used to make toothpaste?

Ans ✗ 1. Silica

✗ 2. Limestone

✗ 3. Aluminium Oxide

✓ 4. Galena

Question ID : **81616114254**
Status : **Answered**
Chosen Option : **2**

Q.18 In which of the following years was the Mughal empire established by Babur?

Ans ✗ 1. 1699

✗ 2. 1578

✓ 3. 1526

✗ 4. 1634

Question ID : **81616113554**
Status : **Answered**
Chosen Option : **3**

Q.19 Who among the following wrote the novel 'Rangbhumi: The Arena of Life'?

Ans ✗ 1. Mahatma Gandhi

✓ 2. Munshi Pemchand

✗ 3. Abanindranath Tagore

✗ 4. Rabindranath Tagore

Question ID : **81616113556**
Status : **Answered**
Chosen Option : **2**

Q.20 Which of the following Acts introduced federal features and provincial autonomy in the legislature and also made provisions for the distribution of legislative powers between the Centre and the provinces?

Ans ✗ 1. The Government of India Act, 1858

✓ 2. The Government of India Act, 1935

✗ 3. The Government of India Act, 1919

✗ 4. Indian Councils Act, 1909

Question ID : **81616113559**
Status : **Answered**
Chosen Option : **3**

Q.21 Veer Surendra Sai was a freedom fighter from:

Ans ✗ 1. Nagaland

✗ 2. Sikkim

✗ 3. Telangana

✓ 4. Odisha

Question ID : **81616114262**
Status : **Answered**
Chosen Option : **4**

Q.22 Who among the following was the founder of Homeopathy?

Ans ✓ 1. Samuel Hahnemann

✗ 2. FG Hopkins

✗ 3. Robert Koch

✗ 4. Selman Waksman

Question ID : **81616113548**
Status : **Answered**
Chosen Option : **1**

Q.23 An elastic wave generated by an impulse such as an earthquake or an explosion is called _____.

Ans ✓ 1. seismic wave

✗ 2. tectonic shift

✗ 3. sound wave

✗ 4. epicentre

Question ID : **81616113551**
Status : **Answered**
Chosen Option : **1**

Q.24 Pattachitra art form is dedicated to which Lord in Hindu mythology?

Ans
- ✔ 1. Lord Jagannath
- ✘ 2. Lord Ganesha
- ✘ 3. Lord Brahma
- ✘ 4. Lord Shiva

Question ID : **81616113036**
Status : **Not Answered**
Chosen Option : **--**

Q.25 Where is the corporate office of RBL Bank located?

Ans
- ✘ 1. Patna
- ✔ 2. Mumbai
- ✘ 3. Srinagar
- ✘ 4. Bengaluru

Question ID : **81616113542**
Status : **Answered**
Chosen Option : **4**

Section : **Quantitative Aptitude**

Q.1 The value of $3 \div 18 \, of \, 3 \times 6 - 22 \times 6 \div 18 - 3 \div 2 + 10 - 3 \div 9 \, of \, 3 \times 9$ is:

Ans
- ✘ 1. $-\dfrac{1}{3}$
- ✘ 2. $-\dfrac{1}{2}$
- ✔ 3. $\dfrac{1}{2}$
- ✘ 4. $\dfrac{1}{3}$

Question ID : **81616113566**
Status : **Answered**
Chosen Option : **3**

Q.2 In a triangle ABC AB : AC = 5 : 2. BC = 9 cm. BA is produced to D, and the bisector of the Angle CAD meets BC produced at E. What is the length (in cm) of CE?

Ans
- ✘ 1. 9
- ✘ 2. 10
- ✔ 3. 6
- ✘ 4. 3

Question ID : **81616113581**
Status : **Answered**
Chosen Option : **3**

Q.3 Number of male and female members in different organizations A, B, C, D and E are given in the bar graph.

Numer of Male and Female in diffrent Organizations
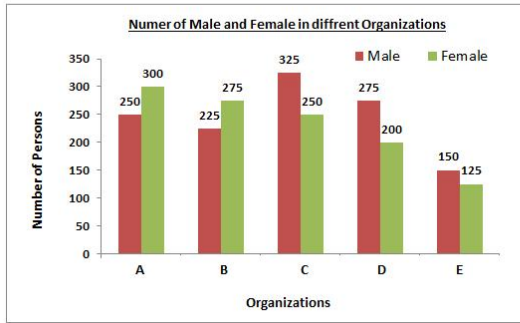
What is the ratio of average number of females in all the five organizations to the average number of males in all the five organizations?

Ans

✗ 1. $49:51$

✔ 2. $46:49$

✗ 3. $49:46$

✗ 4. $51:49$

Q.4 If $2cos^2\theta = 3sin\theta, 0° < \theta < 90°$, then the value of $(sec^2\theta - tan^2\theta + cos^2\theta)$ is:

Ans

✔ 1. $\dfrac{7}{4}$

✗ 2. $\dfrac{5}{4}$

✗ 3. $\dfrac{9}{4}$

✗ 4. $\dfrac{3}{4}$

Q.5 Surbhi sold an article for ₹ 176 after giving 12% discount on its marked price. Had she not given any discount; she would have earned a profit of 25%. What is the cost price (in ₹) of the article?

Ans

✗ 1. 150

✔ 2. 160

✗ 3. 145

✗ 4. 165

Q.6 If $x - y = 11$ and $\frac{1}{x} - \frac{1}{y} = \frac{11}{24}$, then what is the value of $x^3 - y^3 + x^2y^2$?

Ans
- ✗ 1. 1331
- ✔ 2. 1115
- ✗ 3. 1105
- ✗ 4. 1307

Question ID : **81616114284**
Status : **Answered**
Chosen Option : **2**

Q.7 A 240 m long train overtakes a man walking at 6 km/h, in the same direction, in 9 seconds. How much time (in seconds) will it take to pass a 372 m long tunnel with the same speed?

Ans
- ✔ 1. 21.6
- ✗ 2. 20
- ✗ 3. 18
- ✗ 4. 20.4

Question ID : **81616114281**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.8 If length of a rectangle is increased to its three times and breadth is decreased to its half, then the ratio of the area of given rectangle to the area of new rectangle is:

Ans
- ✗ 1. $3 : 2$
- ✗ 2. $3 : 1$
- ✔ 3. $2 : 3$
- ✗ 4. $1 : 3$

Question ID : **81616113575**
Status : **Answered**
Chosen Option : **3**

Q.9 A shopkeeper sold two articles for ₹10591 each. On one he gained 19% and on the other he lost 11%. What was his overall gain or loss percent (correct to one decimal place)?

Ans
- ✗ 1. Loss 2.7%
- ✗ 2. Loss 10%
- ✗ 3. Profit 5%
- ✔ 4. Profit 1.8%

Question ID : **81616113570**
Status : **Answered**
Chosen Option : **4**

Q.10 In a class of 90 students 60% are girls and remaining are boys. Average marks of boys are 63 and that of girls are 70. What are the average marks of the whole class?

Ans ✗ 1. 58.9

✗ 2. 65.3

✗ 3. 66.7

✔ 4. 67.2

Q.11 The following pie charts represent the distribution of candidates who were enrolled for a competitive examination, and the candidates (out of those enrolled) who passed the exam from five different institutes P, Q, R, S and T.

Total number of candidates enrolled in five different institutes = 7500

Total number of candidates passed the examination from five institutes = 4000
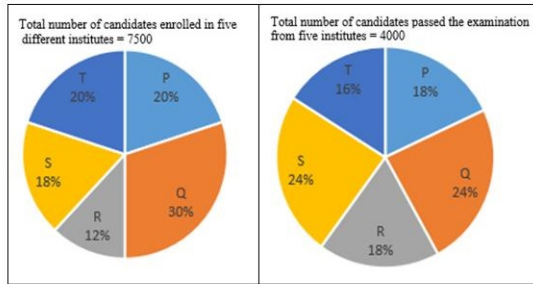
What is the ratio of the total number of candidates enrolled in institutes Q, R and S together, to the number of candidates passed from the institutes Q, R and S together?

Ans ✗ 1. 15 : 71

✗ 2. 71 : 15

✗ 3. 44 : 75

✔ 4. 75 : 44

Q.12 Cough syrup of three different flavors - A, B and C (in lakh bottles) manufactured by a medicine company over a period of five years from 2010 to 2014 has been shown in the bar graph.
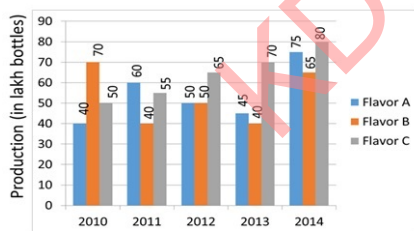
The ratio of the average production of all flavors in 2012 to the difference of the average production of flavor A in 2012, 2013 and 2014 and the average production of flavor C in 2012, 2013 and 2014 is :

Ans ✗ 1. 26 : 15

✗ 2. 15 : 26

✔ 3. 11 : 3

✗ 4. 3 : 11

Q.13 In $\triangle ABC$, D and E are the points on sides AB and AC, respectively such that $\angle ADE = \angle B$. If AD = 7 cm, BD = 5 cm and BC = 9 cm, then DE (in cm) is equal to:

Ans

✗ 1. 6.75

✗ 2. 10

✔ 3. 5.25

✗ 4. 7

Q.14 The histogram shows the weights of students of class X in a school.
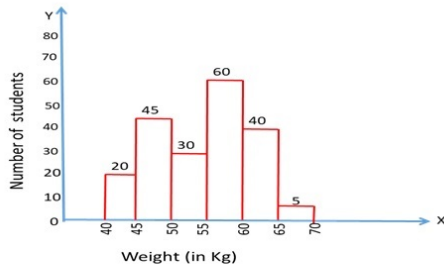
Let x be the number of students whose weight is less than 50 kg and y be the number of the students whose weight is greater than or equal to 60 kg. What is the value of x : y ?

Ans

✔ 1. 13 : 9

✗ 2. 9 : 13

✗ 3. 11 : 13

✗ 4. 13 : 11

Q.15 Eighteen persons working 8 hours a day can complete 3 units of work in 10 days. How many days are required by 25 persons to complete 5 units of work working 6 hours a day?

Ans

✗ 1. 20

✗ 2. 12

✔ 3. 16

✗ 4. 10

Q.16 If $16x^2 + y^2 = 48$ and $xy = 2$, $x, y > 0$, then the value of $(64x^3 + y^3)$ is:

Ans

✔ 1. 320

✗ 2. 340

✗ 3. 300

✗ 4. 240

Q.17 In a circle with centre O, AD is a diameter and AC is a chord. Point B is on AC such that OB = 7 cm and ∠OBA = 60°. If ∠DOC = 60°, then what is the length of BC (in cm)?

Ans
  ✔ 1. 7
  ✗ 2. 9
  ✗ 3. 5
  ✗ 4. 3.5

Q.18 ABCD is a cyclic quadrilateral. Diagonals BD and AC intersect each other at E. If ∠BEC = 138° and ∠ECD = 35°, then what is the measure of ∠BAC?

Ans
  ✗ 1. 133°
  ✔ 2. 103°
  ✗ 3. 113°
  ✗ 4. 123°

Q.19 If a five digit number 247xy is divisible by 3, 7 and 11, then what is the value of (2y-8x)?

Ans
  ✔ 1. 6
  ✗ 2. 17
  ✗ 3. 9
  ✗ 4. 11

Q.20 Radha saves 25% of her income. If her expenditure increases by 20% and her income increases by 29%, then her savings increase by :

Ans
  ✔ 1. 56%
  ✗ 2. 52%
  ✗ 3. 65%
  ✗ 4. 70%

Q.21 The rate of simple interest for first two years is 8% p.a., for the next 4 years, it is 10% p.a. and for the period beyond 6 years, it is 12% p.a. If a person gets ₹18358.60 as simple interest after 9 years, then how much money (in ₹) did he invest?

Ans

✗ 1. 21075

✗ 2. 20087

✗ 3. 19674

✔ 4. 19955

Q.22 If $x - \dfrac{1}{x} = 5, x \neq 0$, then what is the value of $\dfrac{x^6 - 5x^3 - 1}{x^6 + 7x^3 - 1}$?

Ans

✗ 1. $\dfrac{41}{45}$

✗ 2. $\dfrac{45}{41}$

✔ 3. $\dfrac{45}{49}$

✗ 4. $\dfrac{49}{45}$

Q.23 The value of

$$\frac{2\sin^2 30°\tan 60° - 3\cos^2 60°\sec^2 30°}{4\cot^2 45° - \sec^2 60° + \sin^2 60° + \cos^2 90°} \text{ is:}$$

Ans

✗ 1. $\dfrac{2(\sqrt{3}+2)}{3}$

✗ 2. $\dfrac{1}{3}(\sqrt{3} - 2)$

✔ 3. $\dfrac{2(\sqrt{3}-2)}{3}$

✗ 4. $\dfrac{1}{3}(\sqrt{3} + 2)$

Q.24 Find the value of $\dfrac{8\sin 30° \sin^2 60° - 4\sin 90° - \sec^2 45°}{\tan^2 45° - \cot^2 30°}$.

Ans
✔ 1. $\dfrac{3}{2}$

✘ 2. $\dfrac{3}{4}$

✘ 3. $-\dfrac{1}{2}$

✘ 4. $\dfrac{5}{2}$

Question ID : **81616112878**
Status : **Not Answered**
Chosen Option : **--**

Q.25 The ratio of two numbers A and B is 5 : 8. If 5 is added to each of A and B, then the ratio of A and B becomes 2 : 3. The sum of A and B is:

Ans
✘ 1. 42

✘ 2. 78

✔ 3. 65

✘ 4. 91

Question ID : **81616114278**
Status : **Not Answered**
Chosen Option : **--**

Section : **English Comprehension**

Q.1 Select the most appropriate ANTONYM of the given word.

Putrefy

Ans ✘ 1. Decompose

✘ 2. Contaminate

✘ 3. Destroy

✔ 4. Combine

Question ID : **81616114314**
Status : **Answered**
Chosen Option : **4**

Q.2 Select the option that can be used as a one-word substitute for the given group of words.

A self-governing country or region

Ans ✘ 1. Anarchy

✔ 2. Autonomy

✘ 3. Democracy

✘ 4. Monarchy

Question ID : **81616113105**
Status : **Answered**
Chosen Option : **2**

Q.3 Select the option that expresses the given sentence in reported speech.

"Is he alright now?" I asked my neighbour's wife about her husband, Mr. Gulyani.

Ans ✔ 1. I asked Mrs. Gulyani, my neighbour's wife, if her husband was alright then.

✗ 2. I asked Mrs. Gulyani, my neighbour's wife, if her husband is alright now.

✗ 3. I asked Mrs. Gulyani, my neighbour's wife, if your husband will be alright now.

✗ 4. I asked Mrs. Gulyani, my neighbour's wife, if her husband had become alright then.

Question ID : **81616113593**
Status : **Answered**
Chosen Option : **1**

Q.4 Select the most appropriate synonym of the given word.

Dedicated

Ans ✗ 1. Boring

✔ 2. Committed

✗ 3. Tedious

✗ 4. Dreary

Question ID : **81616113604**
Status : **Answered**
Chosen Option : **2**

Q.5 Select the INCORRECTLY spelt word.

Ans ✗ 1. Allowance

✗ 2. Borrow

✔ 3. Alottment

✗ 4. Terrorism

Question ID : **81616113612**
Status : **Answered**
Chosen Option : **3**

Q.6 Select the option that expresses the given sentence in passive voice.

The sunrays burned my face.

Ans ✔ 1. My face was burned by the sunrays.

✗ 2. My face is burned by the sunrays.

✗ 3. My face is being burned by the sunrays.

✗ 4. My face has been burned by the sunrays.

Question ID : **81616113087**
Status : **Answered**
Chosen Option : **1**

Q.7 Select the most appropriate option to fill in the blank.

The interviewer asked Gautam, "Can you tell me what your _____ in life are?"

Ans ✗ 1. determinations

✗ 2. frivolities

✗ 3. trivialities

✔ 4. aspirations

Question ID : **81616113615**
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.

A place where coins, medals or tokens are made

Ans ✗ 1. Casting

✗ 2. Mill

✓ 3. Mint

✗ 4. Workshop

Question ID : **81616113106**
Status : **Answered**
Chosen Option : **3**

Q.9 Select the most appropriate synonym of the given word.

Prompt

Ans ✓ 1. Quick

✗ 2. Gradual

✗ 3. Slow

✗ 4. Lengthy

Question ID : **81616113605**
Status : **Marked For Review**
Chosen Option : **2**

Q.10 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The woodcutter felled / some trees / with hardly / many effort at all.

Ans ✗ 1. some trees

✗ 2. with hardly

✓ 3. many effort at all

✗ 4. The woodcutter felled

Question ID : **81616113086**
Status : **Answered**
Chosen Option : **3**

Q.11 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution required'.

"Can you give me <u>so many examples of</u> subordinate clauses?", the teacher asked the class.

Ans ✗ 1. some few examples of

✓ 2. some more examples of

✗ 3. some many examples of

✗ 4. No substitution required

Question ID : **81616113595**
Status : **Answered**
Chosen Option : **2**

Q.12 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. "Excellently well," said she; "we have everything that we want; I have but one prayer, that we may have a heavy storm of rain to water our plants."
B. A man who had two daughters married one to a gardener and the other to a potter.
C. Off he went to the potter's home and asked his other daughter how matters were with her.
D. After a while he paid a visit to the gardener's home and asked his daughter how she was, and how it fared with her.

Ans   ✔ 1. BDAC

   ✘ 2. ACDB

   ✘ 3. BCDA

   ✘ 4. DCAB

Q.13 Select the most appropriate meaning of the following idiom.

To walk on air

Ans   ✘ 1. To feel very depressed

   ✘ 2. To be completely free

   ✔ 3. To be very happy

   ✘ 4. To be very rich

Q.14 Select the INCORRECTLY spelt word.

Ans   ✘ 1. Grievance

   ✔ 2. Liesure

   ✘ 3. Seize

   ✘ 4. Sincere

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' in your answer.

The river appears to have / got its name / from the town nearby.

Ans   ✘ 1. The river appears to have

   ✔ 2. No error

   ✘ 3. got its name

   ✘ 4. from the town nearby

Q.16 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. While India is home to 75 per cent of the tigers in the world, the Global Tiger Day, as it is also known - sees awareness events organised in the country, as well as in neighbouring Bangladesh and Nepal.
B. Its primary objective is to preserve the natural habitat of the tiger.
C. International Tiger Day was initiated in 2010, at the Saint Petersburg Tiger Summit.
D. This annual event observed on 29 July, aims to create awareness on tiger conservation.

Ans ✔ 1. CDBA

✘ 2. BACD

✘ 3. CABD

✘ 4. DCBA

Question ID : **81616114310**
Status : **Answered**
Chosen Option : **1**

Q.17 Select the most appropriate meaning of the following idiom.

To take a chill pill

Ans ✘ 1. To ask a doctor for medication

✘ 2. To drink cold water

✘ 3. To gulp a tablet for a cold

✔ 4. To calm down

Question ID : **81616114316**
Status : **Answered**
Chosen Option : **4**

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

Hope

Ans ✘ 1. Chance

✘ 2. Courage

✘ 3. Optimism

✔ 4. Doubt

Question ID : **81616113606**
Status : **Answered**
Chosen Option : **4**

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'.

Fierce competition against restaurants has driven up the prices.

Ans ✘ 1. along

✘ 2. No improvement required

✘ 3. through

✔ 4. among

Question ID : **81616113089**
Status : **Answered**
Chosen Option : **4**

Q.20 Select the most appropriate option to fill in the blank.

Help from relatives _____ him in difficult times.

Ans   ✗ 1. allowed

✗ 2. approved

✗ 3. passed

✔ 4. supported

Question ID : **81616113109**
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 blank.

Communication is a connection between people sharing information with (1)_____ other. It is important in everyday life, (2)_____ work and nearly any time you interact with other (3)_____. Communication issues don't always happen (4)_____ of your English level. The truth is, you can know how to speak English (5)_____ knowing how to communicate in English.

SubQuestion No : 21

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

Ans   ✗ 1. every

✔ 2. each

✗ 3. some

✗ 4. one

Question ID : **81616113597**
Status : **Answered**
Chosen Option : **2**

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 blank.

Communication is a connection between people sharing information with (1)_____ other. It is important in everyday life, (2)_____ work and nearly any time you interact with other (3)_____. Communication issues don't always happen (4)_____ of your English level. The truth is, you can know how to speak English (5)_____ knowing how to communicate in English.

SubQuestion No : 22

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

Ans   ✗ 1. from

✗ 2. on

✔ 3. at

✗ 4. while

Question ID : **81616113598**
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 blank.

Communication is a connection between people sharing information with (1)_____ other. It is important in everyday life, (2)_____ work and nearly any time you interact with other (3)_____. Communication issues don't always happen (4)_____ of your English level. The truth is, you can know how to speak English (5)_____ knowing how to communicate in English.

SubQuestion No : 23

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

Ans ✗ 1. creatures

✓ 2. people

✗ 3. ones

✗ 4. animals

Question ID : **81616113599**
Status : **Answered**
Chosen Option : **2**

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 blank.

Communication is a connection between people sharing information with (1)_____ other. It is important in everyday life, (2)_____ work and nearly any time you interact with other (3)_____. Communication issues don't always happen (4)_____ of your English level. The truth is, you can know how to speak English (5)_____ knowing how to communicate in English.

SubQuestion No : 24

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

Ans ✗ 1. beside

✗ 2. since

✓ 3. because

✗ 4. about

Question ID : **81616113600**
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 blank.

Communication is a connection between people sharing information with (1)_____ other. It is important in everyday life, (2)_____ work and nearly any time you interact with other (3)_____. Communication issues don't always happen (4)_____ of your English level. The truth is, you can know how to speak English (5)_____ knowing how to communicate in English.

SubQuestion No : 25

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

Ans ✗ 1. lacking

✓ 2. without

✗ 3. minus

✗ 4. devoid

Question ID : **81616113601**
Status : **Answered**
Chosen Option : **2**

Combined Graduate Level Examination 2020 Tier-I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	13/08/2021
Exam Time	3:00 PM - 4:00 PM
Subject	Combined Graduate Level Examination 2020 Tier 1 VH

Section : **General Intelligence and Reasoning**

Q.1 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

K _ C T _ Z _ T M _ C T N _ C T _ Z _ T

Ans   ✗ 1. Z, L, C, Z, Z, K, C

   ✗ 2. Z, L, T, Z, Z, P, C

   ✓ 3. Z, L, C, Z, Z, O, C

   ✗ 4. Z, Y, C, Z, Z, O, C

> Question ID : **81616114353**
> Status : **Answered**
> Chosen Option : **3**

Q.2 In a certain code language, 'BOARD' is written as 'PCZES' and 'CRAMP' is written as 'SDZQN'. How will 'SOUTH' be written in that language?

Ans   ✓ 1. PTTIU

   ✗ 2. PTVIV

   ✗ 3. TTSIU

   ✗ 4. QTVIU

> Question ID : **81616114331**
> Status : **Answered**
> Chosen Option : **1**

Q.3 Yash is the husband of Kartik's only daughter. Moomal is the mother-in-law of Vinita. Priyank is the brother of Kavya. Kavya is the daughter of Vinita. Kartik is the maternal grandfather of Kavya. How is Yash related to Moomal?

Ans   ✓ 1. Son

   ✗ 2. Son-in-law

   ✗ 3. Father

   ✗ 4. Maternal grandson

> Question ID : **81616114368**
> Status : **Answered**
> Chosen Option : **2**

Q.4 In a certain code language, 'CROW' is coded as '64' and 'EAGLE' is coded as '125'.
How will 'PARROT' be coded in that language?

Ans ✔ 1. 216

✖ 2. 88

✖ 3. 249

✖ 4. 232

Question ID : **81616112613**
Status : **Answered**
Chosen Option : **1**

Q.5 Study the given pattern carefully and select the number that can replace the question
mark (?) in it.

25 64 81
23 41 38
18 33 ?

Ans ✖ 1. 19

✔ 2. 29

✖ 3. 27

✖ 4. 17

Question ID : **81616112822**
Status : **Answered**
Chosen Option : **2**

Q.6 Select the number from among the given options that can replace the question mark
(?) in the following series.

29, 30, 38, 65, 129, ?

Ans ✖ 1. 265

✔ 2. 254

✖ 3. 229

✖ 4. 234

Question ID : **81616114355**
Status : **Answered**
Chosen Option : **2**

Q.7 The radius of a circle is 20 cm. If the radius of this circle is decreased to 10 cm, then
by what percentage will the area of the circle decrease?

Ans ✖ 1. 60%

✔ 2. 75%

✖ 3. 35%

✖ 4. 50%

Question ID : **81616114336**
Status : **Answered**
Chosen Option : **2**

Q.8 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

Q _ A D _ R _ K A D P _ Q K A _ P R Q K _ D _ R

Ans   ✅ 1. K, P, Q, R, D, A, P

❌ 2. K, P, Q, R, D, A, Q

❌ 3. K, P, Q, R, A, D, P

❌ 4. K, P, R, Q, D, A, P

Question ID : **81616113826**

Status : **Not Answered**

Chosen Option : **--**

Q.9 Select the number from among the given options that can replace the question mark (?) in the following series.

27, 30, 37, 50, ?, 98

Ans   ✅ 1. 69

❌ 2. 78

❌ 3. 62

❌ 4. 82

Question ID : **81616114233**

Status : **Answered**

Chosen Option : **1**

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 and the sixth number is related to the fifth number.

13 : 4 : : 19 : ? : : 16 : 5

Ans   ❌ 1. 5

❌ 2. 2

✅ 3. 6

❌ 4. 3

Question ID : **81616112820**

Status : **Answered**

Chosen Option : **3**

Q.11 If 'A' means '+', 'B' means '–', 'C' means '×', and 'D' means '÷', then what will be the value of the given expression?

45D9C (16B7) A 54D27C11B9 C 14 D 2

Ans   ❌ 1. 21

✅ 2. 4

❌ 3. 9

❌ 4. 11

Question ID : **81616114335**

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.

OAST, OASU, OAUU, ?, SDUU

Ans   ✗ 1. ODVU

     ✗ 2. PDUU

     ✗ 3. OCUU

     ✓ 4. ODUU

Question ID : **81616114330**

Status : **Not Answered**

Chosen Option : **--**

Q.13 Select the correct combination of mathematical signs that can sequentially replace the * signs and make the equation correct.

68 * 138* 23 * 54 * 20

Ans   ✗ 1. ×, +, =, ÷

     ✗ 2. =, ×, +, ÷

     ✓ 3. +, ÷, −, =

     ✗ 4. ×, +, −, =

Question ID : **81616112622**

Status : **Answered**

Chosen Option : **3**

Q.14 Select the option in which the words share the same relationship as that shared by the given pair of words.

Handwriting : Graphology

Ans   ✓ 1. Matter : Physics

     ✗ 2. Earthquakes : Pomology

     ✗ 3. Soil : Ornithology

     ✗ 4. Fossils : Pedology

Question ID : **81616113823**

Status : **Answered**

Chosen Option : **1**

Q.15 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Terminal
2. Terminology
3. Temperature
4. Tamarind
5. Tame
6. Tertiary

Ans ✗ 1. 4, 5, 3, 2, 1, 6

✗ 2. 4, 5, 1, 3, 2, 6

✗ 3. 4, 5, 3, 1, 6, 2

✓ 4. 4, 5, 3, 1, 2, 6

Question ID : **81616114223**
Status : **Answered**
Chosen Option : **4**

Q.16 'A + B' means 'A is the husband of B'.
'A % B' means 'A is the father of B'.
'A $ B' means 'A is the mother of B'.

If 'Y + Z $ H % C $ D + S', then which of the following statements is INCORRECT?

Ans ✗ 1. H is the maternal grandfather of D.

✓ 2. Z is the maternal grandmother of C.

✗ 3. H is the son of Y.

✗ 4. C is the mother-in-law of S.

Question ID : **81616113827**
Status : **Not Answered**
Chosen Option : **--**

Q.17 Select the number-pair in which the two numbers share a different relationship from that shared by the two numbers in the rest of the number-pairs.

Ans ✓ 1. (178, 308)

✗ 2. (11, 134)

✗ 3. (169, 292)

✗ 4. (215, 338)

Question ID : **81616112619**
Status : **Not Answered**
Chosen Option : **--**

Q.18 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(7, 52, 346)

Ans ✗ 1. (4, 19, 70)

✗ 2. (6, 39, 217)

✓ 3. (8, 67, 515)

✗ 4. (5, 25, 128)

Question ID : **81616112621**
Status : **Not Answered**
Chosen Option : **--**

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

UTMD, QXIH, MBEL, IFAP, ?

Ans ✗ 1. EKWU

✗ 2. EKXT

✓ 3. EJWT

✗ 4. DJVT

Question ID : **81616113818**
Status : **Not Answered**
Chosen Option : **--**

Q.20 In a certain code language, 'COUNTRY' is written as 'BOWKXLF'. How will 'DESPAIR' be written in that language?

Ans ✓ 1. UFDMVBG

✗ 2. GBPSXIO

✗ 3. ULDSVHG

✗ 4. GBVMDFU

Question ID : **81616112814**
Status : **Not Answered**
Chosen Option : **--**

Q.21 In a training camp, three types of games hockey, cricket and badminton were taught. 14% of the total students received cricket training. 22% of the remaining students received training for hockey. Half of the remaining students received training for badminton. What percentage of students did NOT receive training in any of the three games?

Ans ✗ 1. 32.56%

✗ 2. 67.52%

✗ 3. 24.52%

✓ 4. 33.54%

Question ID : **81616113835**
Status : **Not Answered**
Chosen Option : **--**

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. TYDI

✗ 2. NSXC

✓ 3. ZEJP

✗ 4. HMRW

Question ID : **81616114224**
Status : **Not Answered**
Chosen Option : **--**

Q.23 **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:
1. All rugs are blankets.
2. All blankets are pillows.
3. Some blankets are frames.

Conclusions:
I. All pillows are rugs.
II. Some pillows are rugs.
III. All rugs are frames

Ans   ✘ 1. Either conclusion I or III follows

✘ 2. Neither conclusion II nor III follows

✔ 3. Only conclusion II follows

✘ 4. Both conclusions I and III follow

Question ID : **81616112818**
Status : **Not Answered**
Chosen Option : **--**

Q.24 **Select the option that is related to the third word in the same way as the second word is related to the first word.**

Nascent : Young :: Adjunct : ?

Ans   ✘ 1. Rigid

✘ 2. Functional

✘ 3. Against

✔ 4. Supportive

Question ID : **81616114226**
Status : **Not Answered**
Chosen Option : **--**

Q.25 **Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different.**

Ans   ✘ 1. Mumbai

✘ 2. Ranchi

✔ 3. Ahmedabad

✘ 4. Raipur

Question ID : **81616112609**
Status : **Not Answered**
Chosen Option : **--**

Section : **General Awareness**

Q.1   Viscose fibre is obtained from _____.

Ans   ✔ 1. cellulose

✘ 2. oil

✘ 3. petrochemicals

✘ 4. coal

Question ID : **81616112837**
Status : **Answered**
Chosen Option : **3**

Q.2   In which of the following years was the All-India Harijan Sevak Sangh founded?

Ans   ✔ 1. 1932

✘ 2. 1942

✘ 3. 1928

✘ 4. 1919

Question ID : **81616112845**
Status : **Not Answered**
Chosen Option : **--**

Q.3   The Ramon Magsaysay Award was established in the year _____.

Ans   ✔ 1. 1957

✘ 2. 1982

✘ 3. 1962

✘ 4. 1965

Question ID : **81616113860**
Status : **Not Answered**
Chosen Option : **--**

Q.4   Lymph is a light clear fluid made up of white blood cells that attack harmful _____ in the blood.

Ans   ✘ 1. protozoa

✘ 2. fungi

✘ 3. viruses

✔ 4. bacteria

Question ID : **81616112840**
Status : **Not Answered**
Chosen Option : **--**

Q.5   _____ National Park is in Ladakh.

Ans   ✘ 1. Manas

✘ 2. Namdapha

✔ 3. Hemis

✘ 4. Gir

Question ID : **81616113853**
Status : **Answered**
Chosen Option : **3**

Q.6   Carbon and energy requirements of an autotrophic organism are fulfilled by _____.

Ans   ✗ 1. glycogenation

       ✗ 2. locomotion

       ✓ 3. photosynthesis

       ✗ 4. respiration

Question ID : **81616114252**
Status : **Not Answered**
Chosen Option : **--**

Q.7   How many arteries are there in an umbilical cord?

Ans   ✗ 1. One

       ✓ 2. Two

       ✗ 3. Four

       ✗ 4. Three

Question ID : **81616112637**
Status : **Answered**
Chosen Option : **2**

Q.8   The ICTP Ramanujan Prize is awarded annually for excellence in _____.

Ans   ✗ 1. Chemistry

       ✗ 2. Physics

       ✓ 3. Mathematics

       ✗ 4. Biology

Question ID : **81616114263**
Status : **Answered**
Chosen Option : **3**

Q.9   Chandernagore (Chandannagar) was a _____ colony captured by the British Navy on 23 March 1757.

Ans   ✓ 1. French

       ✗ 2. Dutch

       ✗ 3. Danish

       ✗ 4. Portuguese

Question ID : **81616112644**
Status : **Answered**
Chosen Option : **4**

Q.10 The Sun Temple of Odisha was built in the 12th Century AD by which of the following emperors?

Ans   ✗ 1. Kharavela

✗ 2. Dharmapala

✓ 3. Narasimha Deva I

✗ 4. Vijaya Sena

Question ID : **81616112848**
Status : **Not Answered**
Chosen Option : **--**

Q.11 Which of the following Buddhist sites is located in Uttar Pradesh?

Ans   ✗ 1. Karle

✓ 2. Sarnath

✗ 3. Amaravati

✗ 4. Sanchi

Question ID : **81616113857**
Status : **Answered**
Chosen Option : **2**

Q.12 The concept of 'Reservation of seats for Scheduled Castes and Scheduled Tribes in the House of the People' is highlighted in Article _____ of the Constitution of India.

Ans   ✗ 1. 361

✗ 2. 345

✓ 3. 330

✗ 4. 326

Question ID : **81616112649**
Status : **Not Answered**
Chosen Option : **--**

Q.13 Which of the following is NOT an outcome of endogenic forces?

Ans   ✗ 1. Earthquakes

✗ 2. Volcanic eruptions

✓ 3. Sea waves

✗ 4. Landslides

Question ID : **81616114258**
Status : **Answered**
Chosen Option : **3**

Q.14 Which of the following Articles of the Constitution of India provides power to the President for promulgating ordinances?

Ans ✗ 1. Article 77

✗ 2. Article 143

✓ 3. Article 123

✗ 4. Article 111

Question ID : **81616113862**
Status : **Answered**
Chosen Option : **4**

Q.15 Which of the following is a tributary of the river Brahmaputra that flows through Bhutan?

Ans ✓ 1. Wang Chhu River

✗ 2. Sittaung River

✗ 3. Ayeyarwady River

✗ 4. Chindwin River

Question ID : **81616112640**
Status : **Not Answered**
Chosen Option : **--**

Q.16 Who among the following economists coined the terminology 'Hindu Rate of Growth'?

Ans ✗ 1. Amiya Kumar Bagchi

✗ 2. Vijay Kelkar

✓ 3. Raj Krishna

✗ 4. Bimal Jalan

Question ID : **81616112634**
Status : **Answered**
Chosen Option : **2**

Q.17 Where is the famous pilgrim spot of Sikhs, Sri Harmandir Sahib located?

Ans ✗ 1. Patna

✗ 2. Manali

✗ 3. Jalandhar

✓ 4. Amritsar

Question ID : **81616112833**
Status : **Answered**
Chosen Option : **1**

Q.18 Which State Assembly passed the resolution on Sarna Code in November 2020?

Ans   ✗ 1. Chhattisgarh

       ✗ 2. Madhya Pradesh

       ✓ 3. Jharkhand

       ✗ 4. Bihar

Question ID : **81616114271**
Status : **Not Answered**
Chosen Option : **--**

Q.19 For a wave, wavelength divided by the time period is equal to:

Ans   ✗ 1. amplitude

       ✗ 2. phase difference

       ✗ 3. frequency

       ✓ 4. wave velocity

Question ID : **81616113851**
Status : **Answered**
Chosen Option : **3**

Q.20 In cricket which of the following fielding positions is behind the batsman?

Ans   ✗ 1. Mid-wicket

       ✓ 2. First slip

       ✗ 3. Mid off

       ✗ 4. Cover

Question ID : **81616114267**
Status : **Answered**
Chosen Option : **2**

Q.21 In which of the following places is a steel plant under SAIL located?

Ans   ✗ 1. Raigarh

       ✓ 2. Bhilai

       ✗ 3. Korba

       ✗ 4. Bilaspur

Question ID : **81616113845**
Status : **Answered**
Chosen Option : **2**

Q.22 Who among the following won the 10th National Ice Hockey Championship trophy in Gulmarg in January 2021?

Ans   ✗ 1. Central Industrial Security Force (CISF)

       ✗ 2. Central Reserve Police Force (CRPF)

       ✗ 3. National Highway Authority of India (NHAI)

       ✓ 4. Indo Tibetan Border Police (ITBP)

Question ID : **81616112854**
Status : **Not Answered**
Chosen Option : **--**

Q.23 In 2020, the United Nations passed a resolution to remove cannabis and cannabis resin from the category of 'most dangerous substances'. Which of the following countries was absent from the voting?

Ans ✗ 1. India

✗ 2. Russia

✗ 3. The US

✓ 4. Ukraine

Question ID : **81616113866**

Status : **Not Answered**

Chosen Option : **--**

Q.24 According to National Education Policy 2020, vocational education will start from _____ with internships.

Ans ✗ 1. Class VII

✗ 2. Class VIII

✓ 3. Class VI

✗ 4. Class V

Question ID : **81616114269**

Status : **Answered**

Chosen Option : **2**

Q.25 'Aaluyattu' is a folk-dance form from the state of _____.

Ans ✗ 1. Goa

✓ 2. Nagaland

✗ 3. Kerala

✗ 4. Haryana

Question ID : **81616112632**

Status : **Not Answered**

Chosen Option : **--**

Section : **Quantitative Aptitude**

Q.1 The value of $14 - 20 \times [7 - \{18 \div 2 \, of \, 3 - (15 - 25 \div 5 \times 4)\}]$ is:

Ans ✗ 1. 0

✗ 2. 24

✗ 3. 6

✓ 4. 34

Question ID : **81616114396**

Status : **Answered**

Chosen Option : **4**

Q.2 A circle touches all the four sides of a quadrilateral $ABCD$ whose sides are $AB = 8.4\ cm, BC = 9.8\ cm$ and $CD = 5.6\ cm$. The length of side AD, in cm, is:

Ans ✗ 1. 4.9

✔ 2. 4.2

✗ 3. 3.8

✗ 4. 2.8

Question ID : **81616113882**
Status : **Answered**
Chosen Option : **2**

Q.3 If $2x^2 - 8x - 1 = 0$, then what is the value of $8x^3 - \dfrac{1}{x^3}$?

Ans ✔ 1. 560

✗ 2. 540

✗ 3. 524

✗ 4. 464

Question ID : **81616114283**
Status : **Answered**
Chosen Option : **1**

Q.4 A, B and C divide a certain sum of money among themselves. The average of the amounts with them is ₹4520. Share of A is $10\frac{2}{3}\%$ more than share of B and $33\frac{1}{3}\%$ less than share of C. What is the share of B (in ₹)?

Ans ✗ 1. 3500

✗ 2. 5976

✔ 3. 3600

✗ 4. 3984

Question ID : **81616112660**
Status : **Answered**
Chosen Option : **3**

Q.5 If $3\tan\theta = 2\sqrt{3}\sin\theta, 0° < \theta < 90°$, then find the value of $2\sin^2 2\theta - 3\cos^2 3\theta$.

Ans ✗ 1. 1

✔ 2. $\dfrac{3}{2}$

✗ 3. $\dfrac{1}{2}$

✗ 4. $-\dfrac{3}{2}$

Question ID : **81616112674**
Status : **Answered**
Chosen Option : **2**

Q.6 The area of a circular park is $12474 \ m^2$. There is $3.5 \ m$ wide path around the park. What is the area (in m^2) of the path? (Take $\pi = \frac{22}{7}$)

Ans ✔ 1. 1424.5

✘ 2. 1435.5

✘ 3. 1380.5

✘ 4. 1440.5

Question ID : **81616113878**

Status : **Answered**

Chosen Option : **1**

Q.7 In $\triangle ABC, \angle C = 90°$ and Q is the midpoint of BC. If $AB = 10 \ cm$ and $AC = 2\sqrt{10} \ cm$, then the length of AQ is :

Ans ✔ 1. $\sqrt{55} \ cm$

✘ 2. $5\sqrt{3} \ cm$

✘ 3. $5\sqrt{2} \ cm$

✘ 4. $3\sqrt{5} \ cm$

Question ID : **81616113885**

Status : **Answered**

Chosen Option : **1**

Q.8 The cost price of an article is ₹280. A shopkeeper sells it by allowing 16% discount on its marked price and still gains 20%. What is the marked price (in ₹) of the article?

Ans ✔ 1. 400

✘ 2. 360

✘ 3. 420

✘ 4. 350

Question ID : **81616114377**

Status : **Answered**

Chosen Option : **1**

Q.9 A and B can do a certain work in 18 days and 30 days, respectively. They work together for 5 days. C alone completes the remaining work in 15 days. A and C together can complete $\frac{5}{6}$ th part of the same work in:

Ans ✘ 1. 6 days

✘ 2. 8 days

✔ 3. 9 days

✘ 4. 5 days

Question ID : **81616114378**

Status : **Answered**

Chosen Option : **3**

Q.10 $\triangle$ ABC ~ $\triangle$ DEF and the area of $\triangle$ ABC is 13.5 cm^2 and the area of $\triangle$ DEF is 24 cm^2 . If BC = 3.15 cm, then the length (in cm) of EF is:

Ans

   ✗ 1. 4.8

   ✗ 2. 3.9

   ✗ 3. 5.1

   ✔ 4. 4.2

> Question ID : **81616114288**
>
> Status : **Answered**
>
> Chosen Option : **4**

Q.11 Atul purchased Bread costing ₹20 and gave a 100 rupee note to the shopkeeper. The shopkeeper gave the balance money in coins of denomination ₹2, ₹5 and ₹10. If these coins are in the ratio 5 : 4 : 1, then how many ₹5 coins did the shopkeeper give?

Ans

   ✗ 1. 5

   ✗ 2. 6

   ✔ 3. 8

   ✗ 4. 4

> Question ID : **81616112864**
>
> Status : **Not Answered**
>
> Chosen Option : **--**

Q.12 The value of $90 \div 20 \text{ } of \text{ } 6 \times [11 \div 4 \text{ } of \text{ } \{3 \times 2 - (3 - 8)\}] \div (9 \div 3 \times 2)$ is:

Ans

   ✗ 1. $\dfrac{1}{36}$

   ✔ 2. $\dfrac{1}{32}$

   ✗ 3. $\dfrac{9}{8}$

   ✗ 4. $\dfrac{3}{8}$

> Question ID : **81616114273**
>
> Status : **Answered**
>
> Chosen Option : **2**

Q.13 The average of eleven numbers is 56. The average of first three numbers is 52 and that of next five numbers is 60. The 9th and 10th number are 3 and 1 more than the 11th number respectively. What is the average of 9th and 11th numbers?

Ans

   ✔ 1. 53.5

   ✗ 2. 52

   ✗ 3. 52.5

   ✗ 4. 54

> Question ID : **81616113870**
>
> Status : **Answered**
>
> Chosen Option : **1**

Q.14 The radii of two concentric circles are 12 cm and 13 cm. AB is a diameter of the bigger circle. BD is a tangent to a smaller circle touching it at D. Find the length (in cm) of AD? (correct to one decimal place)

Ans ✓ 1. 24.5

✗ 2. 23.5

✗ 3. 25.5

✗ 4. 17.6

Question ID : **81616112671**

Status : **Not Answered**

Chosen Option : --

Q.15 A train running at $40\frac{1}{2}$ km/h takes 24 seconds to cross a pole. How much time (in seconds) will it take to pass a 450 m long bridge?

Ans ✗ 1. 56

✗ 2. 52

✗ 3. 60

✓ 4. 64

Question ID : **81616114391**

Status : **Answered**

Chosen Option : **4**

Q.16

If $x^4 + \dfrac{1}{x^4} = 727$, $x > 1$, then what is the value of $\left(x - \dfrac{1}{x}\right)$?

Ans ✗ 1. 6

✗ 2. -6

✗ 3. -5

✓ 4. 5

Question ID : **81616112669**

Status : **Answered**

Chosen Option : **4**

Q.17 Find the greatest value of b so that 30a68b (a>b) is divisible by 11.

Ans ✗ 1. 4

✗ 2. 9

✓ 3. 3

✗ 4. 6

Question ID : **81616112656**

Status : **Answered**

Chosen Option : **3**

Q.18 A trader bought 640 kg of rice. He sold a part of rice at 20% profit and the rest at 5% loss. He earned a profit of 15% in the entire transaction. What is the quantity (in kg) of rice that he sold at 5% loss?

Ans ✔ 1. 128

✘ 2. 132

✘ 3. 154

✘ 4. 256

Question ID : **81616114277**

Status : **Answered**

Chosen Option : **1**

Q.19 If $x - \frac{1}{x} = 1$, then what is the value of $x^8 + \frac{1}{x^8}$?

Ans ✘ 1. 3

✘ 2. 119

✔ 3. 47

✘ 4. -1

Question ID : **81616112870**

Status : **Answered**

Chosen Option : **3**

Q.20 A train is to cover 370 km at a uniform speed. After running 100 km, the train could run at a speed 5 km/h less than its normal speed due to some technical fault. The train got delayed by 36 minutes. What is the normal speed of the train, in km/h?

Ans ✘ 1. 48

✘ 2. 45

✘ 3. 40

✔ 4. 50

Question ID : **81616112867**

Status : **Not Answered**

Chosen Option : **--**

Q.21 Two equal sums were lent on simple interest at 6% and 10% per annum respectively. The first sum was recovered two years later than the second sum and the amount in each case was ₹1105. What was the sum (in ₹) lent in each scheme?

Ans ✘ 1. 900

✔ 2. 850

✘ 3. 936

✘ 4. 891

Question ID : **81616112663**

Status : **Answered**

Chosen Option : **2**

Q.22 If $3\sec\theta + 4\cos\theta - 4\sqrt{3} = 0$ where θ is an acute angle then the value of θ is:

Ans   ✗ 1. $20°$

✓ 2. $30°$

✗ 3. $60°$

✗ 4. $45°$

Question ID : **81616113079**
Status : **Answered**
Chosen Option : **2**

Q.23 The value of

$$\frac{\tan(45°-\alpha)}{\cot(45°+\alpha)} - \frac{(\cos 19°+\sin 71°)(\sec 19°+\operatorname{cosec} 71°)}{\tan 12° \tan 24° \tan 66° \tan 78°} \text{ is:}$$

Ans   ✓ 1. -3

✗ 2. 0

✗ 3. -2

✗ 4. 2

Question ID : **81616114292**
Status : **Answered**
Chosen Option : **1**

Q.24 A man and a woman, working together can do a work in 66 days. The ratio of their working efficiencies is 3 : 2. In how many days 6 men and 2 women working together can do the same work?

Ans   ✗ 1. 18

✓ 2. 15

✗ 3. 14

✗ 4. 12

Question ID : **81616112664**
Status : **Not Answered**
Chosen Option : **--**

Q.25 A shopkeeper marks his goods 30% higher than the cost price and allows a discount of 10% on the marked price. In order to earn 6.5% more profit, what discount percent should he allow on the marked price?

Ans   ✗ 1. 6

✗ 2. 5.5

✗ 3. 4

✓ 4. 5

Question ID : **81616112861**
Status : **Answered**
Chosen Option : **4**

Section : **English Comprehension**

Q.1 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.

Lack of required / vitamins and minerals / lead against / several complications / in the
human body.

Ans ✗ 1. in the human body

✗ 2. Lack of required

✔ 3. lead against

✗ 4. several complications

Question ID : **81616112682**
Status : **Answered**
Chosen Option : **3**

Q.2 Select the option that expresses the given sentence in indirect speech.

"Read the instructions before you start making the dish," Deepa's mother said to her.

Ans ✗ 1. Deepa's mother told to her to read the instructions before you start making the dish.

✗ 2. Deepa's mother told her to read the instructions before you had made the dish.

✔ 3. Deepa's mother told her to read the instructions before she started making the dish.

✗ 4. Deepa's mother said her to read the instructions before she start making the dish.

Question ID : **81616113896**
Status : **Answered**
Chosen Option : **3**

Q.3 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in
the right order to form a meaningful and coherent paragraph.

A. At length the olive tree's branches broke with the snow's weight, at once despoiling
it of its beauty and killing the tree.
B. A shower of snow fell upon them and, finding the olive full of foliage, it settled upon
its branches.
C. Finding the fig tree without leaves, the snow fell through the branches to the ground
and did not injure it at all.
D. The olive tree ridiculed the fig tree because, while she was green all the year round,
the fig tree changed its leaves with the seasons.

Ans ✔ 1. DBAC

✗ 2. ABCD

✗ 3. ACBD

✗ 4. DACB

Question ID : **81616114309**
Status : **Answered**
Chosen Option : **1**

Q.4 Select the INCORRECTLY spelt word.

Ans ✗ 1. Insolence

✗ 2. Idleness

✔ 3. Inershia

✗ 4. Indolence

Question ID : **81616114320**
Status : **Answered**
Chosen Option : **3**

Q.5 Select the option that expresses the given sentence in passive voice.

Close all the windows.

Ans   ✖ 1. Will you close all the windows?

       ✔ 2. Let all the windows be closed.

       ✖ 3. All the windows be closed.

       ✖ 4. Can you close all the windows?

Question ID : **81616112683**
Status : **Answered**
Chosen Option : **2**

**Q.6 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 Dussehra celebrations / in Mysore / this year / are grandest than / in any other part
/ of the state.**

Ans   ✖ 1. in Mysore

       ✖ 2. The Dussehra celebrations

       ✔ 3. are grandest than

       ✖ 4. any other part

Question ID : **81616112883**
Status : **Answered**
Chosen Option : **3**

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

Yield (n)

Ans   ✖ 1. Plantation

       ✖ 2. Garden

       ✖ 3. Orchard

       ✔ 4. Harvest

Question ID : **81616113908**
Status : **Answered**
Chosen Option : **4**

Q.8 Select the INCORRECTLY spelt word.

Ans   ✖ 1. Friend

       ✖ 2. Scenic

       ✖ 3. Fiery

       ✔ 4. Neice

Question ID : **81616114319**
Status : **Answered**
Chosen Option : **2**

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

Want to curl up and die

Ans   ✖ 1. Want to die comfortably

      ✖ 2. Unable to sleep well

      ✔ 3. Feel terribly ashamed and sorry

      ✖ 4. Too tired from physical labour

Question ID : **81616112902**
Status : **Answered**
Chosen Option : **3**

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

Iota

Ans   ✔ 1. Bit

      ✖ 2. Box

      ✖ 3. Lot

      ✖ 4. Bag

Question ID : **81616113907**
Status : **Answered**
Chosen Option : **1**

Q.11   Select the most appropriate option to fill in the blank.

The advanced nations face no population problem since they were already settling down to zero growth _____ in population.

Ans   ✖ 1. scale

      ✔ 2. rate

      ✖ 3. frequency

      ✖ 4. degree

Question ID : **81616113918**
Status : **Answered**
Chosen Option : **2**

Q.12   Select the most appropriate ANTONYM of the given word.

Pompous

Ans   ✔ 1. Humble

      ✖ 2. Showy

      ✖ 3. Flaunting

      ✖ 4. Boastful

Question ID : **81616112900**
Status : **Answered**
Chosen Option : **1**

Q.13 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. When he reached his town, he went to his house and knocked at the door.
B. A man went away from his home.
C. Disappointed, he decided to take it himself.
D. One day he wrote a letter to his family, but could not find any one to take the letter to his town.

Ans ✗ 1. DACB

✔ 2. BDCA

✗ 3. CBAD

✗ 4. ABCD

Question ID : **81616112896**

Status : **Answered**

Chosen Option : **2**

Q.14 Select the most appropriate option to fill in the blank.

The door _____ in the strong wind.

Ans ✔ 1. slammed

✗ 2. slapped

✗ 3. sizzled

✗ 4. hooted

Question ID : **81616112705**

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.

A person who is trained to travel in a spacecraft

Ans ✗ 1. Anchor

✗ 2. Choreographer

✔ 3. Astronaut

✗ 4. Chauffeur

Question ID : **81616112701**

Status : **Answered**

Chosen Option : **3**

Q.16 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

Although the children studied hard, but they could not understand the topic without the help of the teacher.

Ans ✔ 1. Although the children studied hard, they

✗ 2. No substitution

✗ 3. Although the children had study hard, but they

✗ 4. Although the children have studied hard, but they

Question ID : **81616113898**

Status : **Answered**

Chosen Option : **1**

Q.17 **Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.**

Many of the apples <u>was rotten</u>.

Ans   ✘ 1. No substitution

✘ 2. is rotten

✘ 3. was being rotten

✔ 4. were rotten

Question ID : **81616112685**
Status : **Answered**
Chosen Option : **4**

Q.18 **Select the option that can be used as a one-word substitute for the given group of words.**

One who does not take any alcoholic drink

Ans   ✔ 1. Teetotaller

✘ 2. Astrologer

✘ 3. Perfectionist

✘ 4. Vegetarian

Question ID : **81616112702**
Status : **Answered**
Chosen Option : **1**

Q.19 **Select the most appropriate ANTONYM of the given word.**

Widespread

Ans   ✔ 1. Limited

✘ 2. General

✘ 3. Famous

✘ 4. Overall

Question ID : **81616114313**
Status : **Answered**
Chosen Option : **1**

Q.20 **Select the most appropriate meaning of the given idiom.**

Be at a loss for words

Ans   ✘ 1. Habituated to using difficult words

✘ 2. Not aware of the language

✔ 3. Not know what to say

✘ 4. Lost the urge to speak

Question ID : **81616112901**
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 blank.

Man-made fibre, is fibre whose chemical composition, structure, and properties are significantly modified during the manufacturing process. Man-made fibres (1)_____ spun and woven into a large (2)_____ of consumer and industrial products, (3)_____ garments such as shirts, scarves, and hosiery; home furnishings (4)_____ as upholstery, carpets, and drapes; and (5)_____ parts such as tire cord, flame-proof linings, and drive belts.

SubQuestion No : 21

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

Ans   ✘ 1. be

   ✘ 2. will be

   ✘ 3. is

   ✔ 4. are

Question ID : **81616114304**
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 blank.

Man-made fibre, is fibre whose chemical composition, structure, and properties are significantly modified during the manufacturing process. Man-made fibres (1)_____ spun and woven into a large (2)_____ of consumer and industrial products, (3)_____ garments such as shirts, scarves, and hosiery; home furnishings (4)_____ as upholstery, carpets, and drapes; and (5)_____ parts such as tire cord, flame-proof linings, and drive belts.

SubQuestion No : 22

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

Ans   ✘ 1. figure

   ✘ 2. extent

   ✘ 3. total

   ✔ 4. number

Question ID : **81616114305**
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 blank.

Man-made fibre, is fibre whose chemical composition, structure, and properties are significantly modified during the manufacturing process. Man-made fibres (1)_____ spun and woven into a large (2)_____ of consumer and industrial products, (3)_____ garments such as shirts, scarves, and hosiery; home furnishings (4)_____ as upholstery, carpets, and drapes; and (5)_____ parts such as tire cord, flame-proof linings, and drive belts.

SubQuestion No : 23

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

Ans   ✔ 1. including

    ✘ 2. wrapping

    ✘ 3. counting

    ✘ 4. showing

Question ID : **81616114306**
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 blank.

Man-made fibre, is fibre whose chemical composition, structure, and properties are significantly modified during the manufacturing process. Man-made fibres (1)_____ spun and woven into a large (2)_____ of consumer and industrial products, (3)_____ garments such as shirts, scarves, and hosiery; home furnishings (4)_____ as upholstery, carpets, and drapes; and (5)_____ parts such as tire cord, flame-proof linings, and drive belts.

SubQuestion No : 24

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

Ans   ✘ 1. more

    ✘ 2. so

    ✘ 3. much

    ✔ 4. such

Question ID : **81616114307**
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 blank.

Man-made fibre, is fibre whose chemical composition, structure, and properties are significantly modified during the manufacturing process. Man-made fibres (1)_____ spun and woven into a large (2)_____ of consumer and industrial products, (3)_____ garments such as shirts, scarves, and hosiery; home furnishings (4)_____ as upholstery, carpets, and drapes; and (5)_____ parts such as tire cord, flame-proof linings, and drive belts.

SubQuestion No : 25

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

Ans ✘ 1. industrialised

  ✔ 2. industrial

  ✘ 3. industrialist

  ✘ 4. industry

Question ID : **81616114308**
Status : **Answered**
Chosen Option : **2**

Combined Graduate Level Examination 2020 Tier-I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	16/08/2021
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Graduate Level Examination 2020 Tier 1

Section : **General Intelligence and Reasoning**

Q.1 **Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.**

U A _ B _ T U _ C B D _ _ A C B _ T U A C _ _ T

Ans   ✘ 1. C, D, A, U, U, D, B, D

    ✔ 2. C, D, A, T, U, D, B, D

    ✘ 3. D, C, A, T, U, D, D, B

    ✘ 4. C, D, A, T, U, D, C, D

Question ID : **81616114230**
Status : **Answered**
Chosen Option : **2**

Q.2 Select the option that is embedded in the given figure (rotation is NOT allowed).

Ans   ✘ 1.

    ✘ 2.

    ✘ 3.

    ✔ 4.

Question ID : **81616114243**
Status : **Answered**
Chosen Option : **4**

Q.3 How many triangles are there in the given figure?
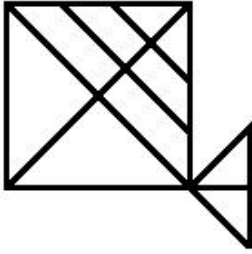
Ans
✓ 1. 17
✗ 2. 16
✗ 3. 18
✗ 4. 15

Question ID : **81616113736**
Status : **Answered**
Chosen Option : **1**

Q.4 What was the day of the week on 17 April 2014?

Ans
✗ 1. Friday
✗ 2. Saturday
✓ 3. Thursday
✗ 4. Wednesday

Question ID : **81616114239**
Status : **Answered**
Chosen Option : **3**

Q.5 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

14 16 13
18 6 ?
12 21 17

Ans
✗ 1. 6
✗ 2. 7
✗ 3. 8
✓ 4. 5

Question ID : **81616112721**
Status : **Not Answered**
Chosen Option : **--**

Q.6 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.

M

Q e 1 f P 5 4 N |

N

Ans

✗ 1. И Ʌ 4 2 ꟼ ꟻ l ɘ Ọ

✗ 2. И Ọ ɘ l ꟻ ꟼ 2 4 Ʌ

✗ 3. И Ʌ 4 5 ꟼ ꟻ l ɘ Ọ

✓ 4. И Ʌ 4 2 ꟼ ꟻ l ɘ Ọ

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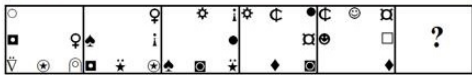
Q.8 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

THME, WKJB, ZNGY, CQDV, ?

Ans ✘ 1. FUAS

✘ 2. FTBS

✘ 3. FTAR

✔ 4. FTAS

Q.9 Select the number from among the given options that can replace the question mark (?) in the following series.

10, 22, 35, 40, 72, 40, ?

Ans ✔ 1. 133

✘ 2. 143

✘ 3. 134

✘ 4. 131

Q.10 Select the boxes that can be formed by folding the given sheet along the lines.
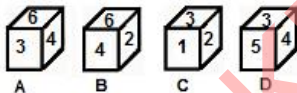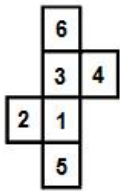
Ans ✘ 1. Only B and C

✘ 2. Only A, C and D

✔ 3. Only A and C

✘ 4. Only C and D

Q.11 Select the option that is related to the third word in the same way as the second word is related to the first word.

Leaves : Rustle : : Owl : ?

Ans ✗ 1. Quack

✗ 2. Grunt

✓ 3. Hoot

✗ 4. Chirp

Question ID : **81616113216**
Status : **Answered**
Chosen Option : **1**

Q.12 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(6, 9, 45)

Ans ✓ 1. (8, 10, 36)

✗ 2. (6, 8, 60)

✗ 3. (2, 8, 46)

✗ 4. (7, 4, 48)

Question ID : **81616113732**
Status : **Answered**
Chosen Option : **1**

Q.13 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 bank is an office.
All offices are stalls.

Conclusions:
I. No bank is a stall.
II. No stall is a bank.
III. Some stalls are offices.
IV. All the stalls are offices.

Ans ✗ 1. Only conclusion I follows

✗ 2. Both conclusions I and II follow

✓ 3. Only conclusion III follows

✗ 4. Both conclusions I and IV follow

Question ID : **81616112717**
Status : **Answered**
Chosen Option : **3**

Q.14 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. LNJI

      ✓ 2. FHDB

      ✗ 3. DFBA

      ✗ 4. RTPO

Question ID : **81616113214**
Status : **Answered**
Chosen Option : **2**

Q.15 Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different.

Ans   ✗ 1. Hatred

      ✗ 2. Jealousy

      ✗ 3. Envy

      ✓ 4. Empathy

Question ID : **81616113720**
Status : **Answered**
Chosen Option : **4**

Q.16 Which two numbers should be interchanged to make the given equation correct?

$36 × 81 ÷ 9 − (88 ÷ 4) + 14 + (22 + 7) = 169$

Ans   ✗ 1. 81 and 36

      ✗ 2. 14 and 22

      ✗ 3. 9 and 36

      ✓ 4. 36 and 14

Question ID : **81616113733**
Status : **Not Answered**
Chosen Option : **--**

Q.17 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different.

Ans   ✗ 1. 21 : 139

      ✗ 2. 27 : 181

      ✗ 3. 25 : 167

      ✓ 4. 15 : 197

Question ID : **81616113730**
Status : **Not Answered**
Chosen Option : **--**

Q.18 In a certain code language, 'PRINT' is written as 'YMNIU'. How will 'MAGIC' be written in that language?
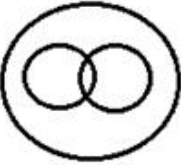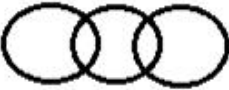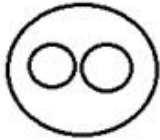
Ans ✗ 1. HLDRV

✗ 2. HDLVR

✗ 3. HRLRZ

✓ 4. HRLZR
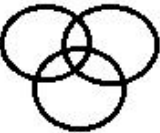
Q.19 वह वेन आरेख चुनें जो निम्न श्रेणियों के बीच के संबंध का सबसे अच्छा निरूपण करता है।

धनिया, मसाले, दालचीनी

Ans

✗ 1.

✗ 2.

✓ 3.

✗ 4.

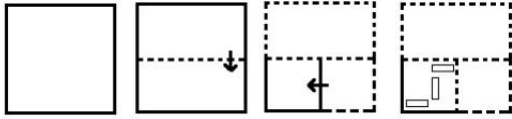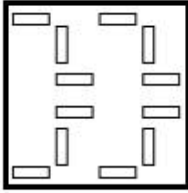**Q.20** The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?
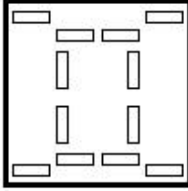

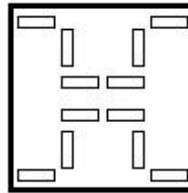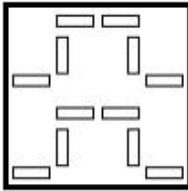**Ans**

✗ 1.

✗ 2.

✔ 3.

✗ 4.

Q.21 In a certain code language, 'FRENCH' is coded as '114' and 'LOSS' is coded as '47'. How will 'COURSE' be coded in that language?

Ans ✗ 1. 81

✗ 2. 120

✗ 3. 103

✔ 4. 87

Q.22 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Sorting
2. Solitary
3. Solution
4. Sophisticate
5. Solvent

Ans ✖ 1. 2, 5, 3, 4, 1

✖ 2. 2, 3, 1, 4, 5

✖ 3. 2, 4, 1, 3, 5

✔ 4. 2, 3, 5, 4, 1

Question ID : **81616113213**
Status : **Marked For Review**
Chosen Option : **2**

Q.23 Select the option in which the words share the same relationship as that shared by the given pair of words.

Anger : Emotion

Ans ✖ 1. Bicycle : Roads

✖ 2. Television : Entertainment

✔ 3. Pomegranate : Fruit

✖ 4. Mattress : Bed

Question ID : **81616114227**
Status : **Answered**
Chosen Option : **2**

Q.24 'A # B' का अर्थ है कि 'B का बेटा A है'।
'A @ B' का अर्थ है कि 'B की माँ A है'।
'A & B' का अर्थ है कि 'B की पत्नी A है'।
'A % B' का अर्थ है कि 'B की बहन A है'।

यदि 'M @R %K#G#N&T' है, तो निम्न में से कौन-सा कथन सत्य नहीं है?

Ans ✖ 1. R, G की बेटी है।

✖ 2. M, K की माँ है।

✔ 3. T, M का दादा है।

✖ 4. N, K की दादी है।

Question ID : **81616114231**
Status : **Answered**
Chosen Option : **3**

Q.25 Select the option that is related to the third number in the same way as the second number is related to the first number.

16 : 144 : : 28 : ?

Ans ✗ 1. 544

   ✗ 2. 364

   ✔ 3. 420

   ✗ 4. 263

Question ID : **81616112719**
Status : **Not Answered**
Chosen Option : **--**

Section : **General Awareness**

Q.1 Who among the following was the first Indian to unfurl the tricolour on foreign land?

Ans ✗ 1. Annie Besant

   ✗ 2. Lakshmi Sehgal

   ✔ 3. Bhikaiji Cama

   ✗ 4. Begum Hazrat Mahal

Question ID : **81616112747**
Status : **Answered**
Chosen Option : **3**

Q.2 'Bolak-aat' is a _____ from the state of Karnataka.

Ans ✗ 1. music form

   ✗ 2. painting form

   ✔ 3. dance form

   ✗ 4. sculpting form

Question ID : **81616112732**
Status : **Not Answered**
Chosen Option : **--**

Q.3 Which part of the body is associated with the rickets disorder?

Ans ✗ 1. Eyes

   ✗ 2. Skin

   ✔ 3. Bones

   ✗ 4. Heart

Question ID : **81616112736**
Status : **Marked For Review**
Chosen Option : **3**

Q.4 Who among the following was the Nizam of Hyderabad in 1947?

Ans
   ✗ 1. Mir Mahbub Ali Khan

   ✓ 2. Osman Ali

   ✗ 3. Akbar Ali Khan

   ✗ 4. Nasir Jung

Question ID : **81616112744**
Status : **Marked For Review**
Chosen Option : **1**

Q.5 Halogens have _____ electrons in their outermost shells.

Ans
   ✗ 1. eight

   ✓ 2. seven

   ✗ 3. five

   ✗ 4. six

Question ID : **81616114255**
Status : **Answered**
Chosen Option : **2**

Q.6 Which of the following is a water-soluble vitamin?

Ans
   ✗ 1. Vitamin D

   ✓ 2. Vitamin C

   ✗ 3. Vitamin A

   ✗ 4. Vitamin K

Question ID : **81616112739**
Status : **Answered**
Chosen Option : **2**

Q.7 Who among the following never became the Vice President of India?

Ans
   ✓ 1. Gulzarilal Nanda

   ✗ 2. VV Giri

   ✗ 3. Zakir Husain

   ✗ 4. BD Jatti

Question ID : **81616114266**
Status : **Answered**
Chosen Option : **3**

Q.8 How many trains were flagged off by Prime Minister Narendra Modi in January 2021 connecting the location of the Statue of Unity to different parts of India?

Ans
   ✗ 1. Seven

   ✓ 2. Eight

   ✗ 3. Five

   ✗ 4. Six

Question ID : **81616114270**
Status : **Not Answered**
Chosen Option : **--**

Q.9 Which of the following locations has the highest altitude?

Ans
   ✗ 1. Patna

   ✗ 2. Kolkata

   ✓ 3. Ranikhet

   ✗ 4. Moradabad

Question ID : **81616114257**
Status : **Not Answered**
Chosen Option : **--**

Q.10 Who among the following is the author of the book 'Democrats and Dissenters'?

Ans
   ✗ 1. Arun Shourie

   ✓ 2. Ramchandra Guha

   ✗ 3. Nalini Singh

   ✗ 4. Gurucharan Das

Question ID : **81616114264**
Status : **Not Answered**
Chosen Option : **--**

Q.11 Which of the following Articles of the Constitution of India provides for the creation of a GST Council?

Ans
   ✗ 1. Article 246A

   ✓ 2. Article 279A

   ✗ 3. Article 269A

   ✗ 4. Article 323A

Question ID : **81616113760**
Status : **Answered**
Chosen Option : **3**

Q.12 Which of the following is NOT a feature of food security?

Ans
   ✗ 1. Availability

   ✗ 2. Affordability

   ✓ 3. Acceptability

   ✗ 4. Accessibility

Question ID : **81616114249**
Status : **Answered**
Chosen Option : **3**

Q.13 With which of the following sports is the term 'Chinaman' associated?

Ans
   ✓ 1. Cricket

   ✗ 2. Table tennis

   ✗ 3. Polo

   ✗ 4. Swimming

Question ID : **81616113257**
Status : **Not Answered**
Chosen Option : **--**

Q.14 Which of the following is a work on statecraft written by Krishnadevaraya?

Ans
✘ 1. Karpuramanjari

✔ 2. Amuktamalyada

✘ 3. Tolkappiyam

✘ 4. Kadambari

Question ID : **81616113755**
Status : **Not Answered**
Chosen Option : **--**

Q.15 India and _____ were declared joint winners of the 2020 Online FIDE Chess Olympiad.

Ans
✘ 1. Estonia

✔ 2. Russia

✘ 3. Serbia

✘ 4. The US

Question ID : **81616112753**
Status : **Not Answered**
Chosen Option : **--**

Q.16 Which of the following states' former Governor, Mata Prasad, died in January 2021?

Ans
✘ 1. Goa

✘ 2. Uttarakhand

✘ 3. Uttar Pradesh

✔ 4. Arunachal Pradesh

Question ID : **81616113253**
Status : **Answered**
Chosen Option : **2**

Q.17 When is National Girl Child Day observed annually in India?

Ans
✘ 1. 5 June

✘ 2. 9 September

✘ 3. 12 May

✔ 4. 24 January

Question ID : **81616113259**
Status : **Not Answered**
Chosen Option : **--**

Q.18 _____ is created by the collision of convergent plate boundaries.

Ans
✘ 1. Mid-ocean ridge

✘ 2. Land erosion

✘ 3. Oceanic trench

✔ 4. Mountain building

Question ID : **81616113248**
Status : **Not Answered**
Chosen Option : **--**

Q.19 Which of the following diseases is caused by a parasite?

Ans ✗ 1. Goitre

✗ 2. Pneumonia

✗ 3. Plague

✓ 4. Malaria

Question ID : **81616113242**

Status : **Answered**

Chosen Option : **4**

Q.20 Who among the following is credited with postulating three laws of planetary motion?

Ans ✗ 1. Isaac Newton

✗ 2. Tycho Brahe

✓ 3. Johannes Kepler

✗ 4. Galileo Galilei

Question ID : **81616113748**

Status : **Answered**

Chosen Option : **1**

Q.21 What is the objective of the 'Doughnut Model' of development?

Ans ✗ 1. It envisions total abandonment of technology to live at peace with environment.

✗ 2. It envisions the food processing industry as the centre of development.

✗ 3. It envisions rapid development at environmental cost, then make up for it later.

✓ 4. It envisions a world in which people and planet can thrive in balance.

Question ID : **81616113745**

Status : **Not Answered**

Chosen Option : **--**

Q.22 Tapovan Vishnugad Hydroelectric Project is located in:

Ans ✗ 1. Ladakh

✗ 2. Jammu and Kashmir

✓ 3. Uttarakhand

✗ 4. Himachal Pradesh

Question ID : **81616113751**

Status : **Answered**

Chosen Option : **3**

Q.23 According to the Puranas, Lord Vishnu took the shape of _____ in order to rescue the earth, which had sunk into water.

Ans ✗ 1. a lion

✓ 2. a boar

✗ 3. a tiger

✗ 4. an elephant

Question ID : **81616114261**

Status : **Not Answered**

Chosen Option : **--**

Q.24 Who among the following was appointed as the Chairman and Managing Director of Telecommunications Consultants India Limited in January 2021?

Ans ✗ 1. Jitendra Singh

✗ 2. Rajeev Kumar

✗ 3. Sarabjit Singh Sandhu

✓ 4. Sanjeev Kumar

Question ID : **81616113261**
Status : **Answered**
Chosen Option : **4**

Q.25 Which of the following is the meaning of 'Pishtaq' in the context of medieval Indo-Islamic architecture?

Ans ✗ 1. Dome

✓ 2. Tall gateway

✗ 3. True arch

✗ 4. Water tank

Question ID : **81616113743**
Status : **Not Answered**
Chosen Option : **--**

Section : **Quantitative Aptitude**

Q.1 On selling an article for ₹246.80, the gain is 20% more than the amount of loss incurred on selling it for ₹216. If the article is sold for ₹220.75, then what is the gain/loss percent (correct to nearest integer)?

Ans ✗ 1. Loss 5%

✓ 2. Loss 4%

✗ 3. Profit 7%

✗ 4. Profit 3%

Question ID : **81616113267**
Status : **Answered**
Chosen Option : **2**

Q.2 Ratio of the present age of a mother to that of the daughter is 7 : 1. After 5 years the ratio will become 4 : 1. What is the difference (in years) in their present ages?

Ans ✓ 1. 30

✗ 2. 28

✗ 3. 29

✗ 4. 31

Question ID : **81616112763**
Status : **Answered**
Chosen Option : **1**

Q.3 Table shows income (in ₹) received by 4 employees of a company during the month of December 2020 and all their income sources.

Source	Amit	Suresh	Nitin	Varun
Salary	35000	38500	29000	42000
Arrears	6000	6300	5000	7500
Bonus	1000	1100	1000	1240
Overtime	1800	1950	1400	1500

By what percent are the Arrears of Amit and Suresh taken together less than the Arrears of Nitin and Varun taken together?

Ans ✘ 1. 1.2

✘ 2. 1.5

✔ 3. 1.6

✘ 4. 1.4

Q.4 The average of 22 numbers is 37.5. The average of first 12 numbers is 40.6 and that of the last 12 numbers is 35.4. If 11th and 12th numbers are excluded, then what is the average of the remaining numbers?

Ans ✔ 1. 36.9

✘ 2. 37.4

✘ 3. 36.4

✘ 4. 37.8

Q.5 $x + y + z = 2$ and $xy + yz + zx = -11$, then the value of $x^3 + y^3 + z^3 - 3xyz$ is :

Ans ✘ 1. 78

✘ 2. 69

✔ 3. 74

✘ 4. 71

Q.6 Angle between the internal bisectors of two angles ∠B and ∠C of a △ABC is 132°, then the value of ∠A is:

Ans ✔ 1. 84°

✘ 2. 62°

✘ 3. 48°

✘ 4. 72°

Q.7 $1 + 2\tan^2\theta + 2\sin\theta\sec^2\theta, 0° < \theta < 90°$, is equal to :

Ans ✘ 1. $\dfrac{1-\sin\theta}{1+\sin\theta}$

✘ 2. $\dfrac{1+\cos\theta}{1-\cos\theta}$

✘ 3. $\dfrac{1-\cos\theta}{1+\cos\theta}$

✔ 4. $\dfrac{1+\sin\theta}{1-\sin\theta}$

Q.8 A train runs first 75 km at a certain uniform speed and next 90 km at an average speed of 10 km/h more than the normal speed. If it takes 3 hours to complete the journey, then how much time will the train take to cover 300 km with normal speed?

Ans ✘ 1. 5 hours 15 minutes

✘ 2. 5 hours

✔ 3. 6 hours

✘ 4. 5 hours 25 minutes

Q.9 If $a^3 + b^3 = 405$ and $a + b = 9$, then the value of ab is

Ans ✘ 1. 15

✘ 2. 10

✔ 3. 12

✘ 4. 8

Q.10 If $3 \cos^2 \theta - 4 \sin \theta + 1 = 0, 0° < \theta < 90°$, then $\tan \theta + \sec \theta = ?$

Ans ✗ 1. $2\sqrt{3}$

✗ 2. $2\sqrt{5}$

✗ 3. $3\sqrt{3}$

✓ 4. $\sqrt{5}$

Question ID : **81616113785**
Status : **Answered**
Chosen Option : **4**

Q.11 Table shows the number of trees planted in 4 cities from 2016 to 2020.

Years	Chandigarh	Ahmadabad	Pune	Kolkata
2016	1800	2500	1800	2000
2017	2500	2300	1850	1800
2018	2300	2400	1840	1760
2019	2440	1950	1900	1600
2020	2250	2100	2000	1750

From 2016 to 2020, how many more trees were planted in Ahmedabad as compared to trees planted in Pune?

Ans ✗ 1. 2340

✗ 2. 2000

✗ 3. 1850

✓ 4. 1860

Question ID : **81616112476**
Status : **Marked For Review**
Chosen Option : **4**

Q.12 If the 6-digit number $5x423y$ is divisible by 88, then what is the value of $(5x - 8y)$?

Ans ✗ 1. 28

✗ 2. 14

✗ 3. 16

✓ 4. 24

Question ID : **81616113767**
Status : **Answered**
Chosen Option : **4**

Q.13 In a circle with center O, AB is a diameter and CD is a chord such that $\angle ABC = 34°$ and CD = BD. What is the measure of $\angle DBC$?

Ans ✗ 1. $30°$

✗ 2. $24°$

✗ 3. $32°$

✓ 4. $28°$

Question ID : **81616114286**
Status : **Answered**
Chosen Option : **3**

Q.14 If $\dfrac{cosec\,\theta + cot\,\theta}{cosec\,\theta - cot\,\theta} = 7$, then the value of $\dfrac{4\,sin^2\,\theta - 1}{4\,sin^2\,\theta + 5}$ is:

Ans

✗ 1. $\dfrac{1}{3}$

✗ 2. $-\dfrac{1}{3}$

✗ 3. $-\dfrac{1}{9}$

✔ 4. $\dfrac{1}{9}$

Q.15 A can do a certain work in 15 days. B is 25% more efficient than A. Both worked together for 4 days. C alone completed the remaining work in 8 days. A, B and C together will complete the same work in ?

Ans

✔ 1. 5 days

✗ 2. $4\dfrac{1}{2}$ days

✗ 3. $6\dfrac{1}{2}$ days

✗ 4. 4 days

Q.16 Study the following table and answer the question:

Number of students enrolled for Vocational Courses (VC) in five institutes - A, B, C, D & E.

Institute \ Year	2013	2014	2015	2016	2017	2018
A	120	135	130	135	128	140
B	125	132	138	132	135	142
C	125	120	125	138	140	135
D	100	125	122	140	128	138
E	105	110	115	147	130	145

The total number of students enrolled for VC in institute C in 2013, 2014 and 2017 is what percent of the total number of students enrolled in all the five institutes in 2018?

Ans

✗ 1. 62

✔ 2. 55

✗ 3. 53

✗ 4. 58

Q.17 A sum of ₹7500 amounts to ₹9075 at 10% p.a, interest being compounded yearly in a certain time. The simple interest (in ₹) on the same sum for the same time and the same rate is :

Ans ✔ 1. 1500

✘ 2. 1480

✘ 3. 1520

✘ 4. 1530

Q.18 In △ ABC, ∠ A = 90°, AD ⊥ BC at D. If AB = 12 cm and AC = 16 cm, then what is the length (in cm) of BD?

Ans ✘ 1. 8.4

✘ 2. 7.8

✔ 3. 7.2

✘ 4. 6.4

Q.19

If $\left(2x - \dfrac{3}{x}\right) = 2$, then what is the value of $\left(16x^4 + \dfrac{81}{x^4}\right)$?

Ans ✔ 1. 184

✘ 2. 328

✘ 3. 180

✘ 4. 220

Q.20 The selling price of an article marked for ₹10000 after giving three discounts, 20%, 10% and k% is ₹6120. What will be selling price (in ₹) of the same article if a single discount of (k + 20)% is allowed?

Ans ✔ 1. 6500

✘ 2. 8500

✘ 3. 6800

✘ 4. 8000

Q.21 The value of $\dfrac{52-1170 \div 26 + 13 \times 2}{2 + 1\frac{1}{8} \text{ of } 2 - 1\frac{1}{4}}$ is:

Ans   ✔ 1. 11

      ✘ 2. 12

      ✘ 3. 41

      ✘ 4. 27

Q.22 Study the following table and answer the question:

Number of students enrolled for Vocational Courses (VC) in five institutes - A, B, C, D & E.

Year / Institute	2013	2014	2015	2016	2017	2018
A	120	135	130	135	128	140
B	125	132	138	132	135	142
C	125	120	125	138	140	135
D	100	125	122	140	128	138
E	105	110	115	147	130	145

The ratio of the total number of students enrolled for VC in institutes A, C and E in 2016 to the total number of students enrolled in institutes B and D in 2018, is

Ans   ✘ 1. 14 : 9

      ✔ 2. 3 : 2

      ✘ 3. 21 : 19

      ✘ 4. 8 : 7

Q.23 The income of A is 30% less than the income of B and the income of B is 137.5% more than that of C. If the income of A is ₹28500 less than that of B, then the income (in ₹) of C is :

Ans   ✔ 1. 40000

      ✘ 2. 50000

      ✘ 3. 48000

      ✘ 4. 36000

Q.24 In a circle with center O and radius $5\ cm$, AB and CD are two parallel chords of lengths $6\ cm$ and $x\ cm$, respectively and the chords are on the opposite side of the centre O. The distance between the chords is $7\ cm$.
What is the value of x?

Ans ✗ 1. 12

✔ 2. 8

✗ 3. 10

✗ 4. 9

Q.25 What is the area (in cm^2) of a circle inscribed in a square of area $784\ cm^2$? (Take $\pi = \frac{22}{7}$)

Ans ✗ 1. 660

✔ 2. 616

✗ 3. 924

✗ 4. 462

Section : **English Comprehension**

Q.1 Select the INCORRECTLY spelt word.

Ans ✗ 1. Moisture

✗ 2. Anxious

✔ 3. Vishious

✗ 4. Mimic

Q.2 Select the option that can be used as a one-word substitute for the given group of words.

A large building with an extensive floor area, typically for housing aircraft

Ans ✗ 1. Barn

✗ 2. Airport

✗ 3. Shed

✔ 4. Hangar

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

The place is <u>too much noisy</u>.

Ans ✗ 1. No substitution

✗ 2. much too much noisy

✓ 3. too noisy

✗ 4. much noisy

Question ID : **81616113796**

Status : **Marked For Review**

Chosen Option : **1**

Q.4 Select the INCORRECTLY spelt word.

Ans ✗ 1. Arbitrary

✗ 2. Cerebral

✗ 3. Scrutinize

✓ 4. Withdrawl

Question ID : **81616113310**

Status : **Answered**

Chosen Option : **2**

Q.5 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 have been only / through writing / that men have been able / to spread their ideas to mankind.

Ans ✓ 1. It have been only

✗ 2. to spread their ideas to mankind

✗ 3. through writing

✗ 4. that men have been able

Question ID : **81616113793**

Status : **Answered**

Chosen Option : **1**

Q.6 Select the option that will improve the underlined part of the sentence. In case no improvement is needed, select 'No improvement required'.

I wish I <u>have</u> come an hour sooner.

Ans ✓ 1. had

✗ 2. will

✗ 3. No improvement required

✗ 4. has

Question ID : **81616114302**

Status : **Answered**

Chosen Option : **1**

Q.7 Select the option that expresses the given sentence in passive voice.

Someone stole his traveller's cheques when he was travelling in Europe.

Ans ✗ 1. His traveller's cheques was stole when he was travelling in Europe.

✗ 2. His traveller's cheques are stole when he was travelling in Europe.

✗ 3. Someone had been stole his traveller's cheques when he was travelling in Europe.

✔ 4. His traveller's cheques were stolen when he was travelling in Europe.

Question ID : **81616113794**
Status : **Answered**
Chosen Option : **4**

Q.8 Select the option that expresses the given sentence in reported speech.

"Whom did you see at the shopping mall today?" I asked my daughter.

Ans ✗ 1. I asked my daughter who she has seen at the shopping mall today.

✗ 2. I asked my daughter that whom did she saw at the shopping mall that day.

✗ 3. I asked my daughter that whom she saw at the shopping mall on that day.

✔ 4. I asked my daughter whom she had seen at the shopping mall that day.

Question ID : **81616114300**
Status : **Answered**
Chosen Option : **4**

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

Full of beans

Ans ✗ 1. A dish made of French beans

✗ 2. Full of cowardice

✗ 3. A storeroom full of vegetables

✔ 4. Full of energy

Question ID : **81616112801**
Status : **Answered**
Chosen Option : **4**

Q.10 Select the most appropriate meaning of the given idiom.

To cut a long story short

Ans ✗ 1. Like to tell long stories

✗ 2. Like to tell short stories

✔ 3. Tell something briefly

✗ 4. Tell something in a roundabout way

Question ID : **81616112800**
Status : **Answered**
Chosen Option : **3**

Q.11 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. Then I took him by the hand and led him across the street.
B. I was going to the market when I saw a blind man trying to cross the street.
C. He expressed his gratitude with folded hands.
D. I walked across to the blind man.

Ans   ✘ 1. ABCD

   ✘ 2. CBDA

   ✔ 3. BDAC

   ✘ 4. DABC

> Question ID : **81616112795**
> Status : **Answered**
> Chosen Option : **3**

Q.12 Select the most appropriate option to fill in the blank.

You need not _____ so much fuss about wearing a mask when you go out.

Ans   ✘ 1. cause

   ✔ 2. make

   ✘ 3. generate

   ✘ 4. do

> Question ID : **81616113816**
> Status : **Answered**
> Chosen Option : **2**

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

A person who listens to someone's private conversation without them knowing

Ans   ✔ 1. Eavesdropper

   ✘ 2. Infiltrator

   ✘ 3. Secret agent

   ✘ 4. Spy

> Question ID : **81616113813**
> Status : **Answered**
> Chosen Option : **4**

Q.14 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 Principal requested / the teacher's / to monitor / and take care of the small children.

Ans   ✘ 1. The Principal requested

   ✔ 2. the teacher's

   ✘ 3. to monitor

   ✘ 4. and take care of the small children

> Question ID : **81616112782**
> Status : **Answered**
> Chosen Option : **2**

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

Transmit

Ans ✔ 1. Convey

✘ 2. Accept

✘ 3. Catch

✘ 4. Receive

Question ID : **81616114312**

Status : **Answered**

Chosen Option : **1**

Q.16 Select the most appropriate ANTONYM of the given word.

Toxic

Ans ✘ 1. Harmful

✘ 2. Lethal

✘ 3. Venomous

✔ 4. Healthy

Question ID : **81616112799**

Status : **Answered**

Chosen Option : **4**

Q.17 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. This invention has helped us to heal wounds caused by bacteria.
B. Penicillin is one of the most useful drugs man has invented.
C. In the beginning however, very few people knew of this discovery and its use.
D. Its use has saved the lives of hundreds of thousands of soldiers.

Ans ✘ 1. ABCD

✘ 2. CABD

✔ 3. BADC

✘ 4. DCBA

Question ID : **81616113299**

Status : **Answered**

Chosen Option : **3**

Q.18 Select the most appropriate option to fill in the blank.

A _____ souvenir will be released on the occasion of the World Meet.

Ans ✘ 1. generous

✘ 2. considerable

✘ 3. bountiful

✔ 4. voluminous

Question ID : **81616114322**

Status : **Answered**

Chosen Option : **4**

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

Numerous

Ans ✗ 1. Totalled

✗ 2. Few

✓ 3. Several

✗ 4. Numbered

Question ID : **81616114311**
Status : **Answered**
Chosen Option : **3**

Q.20 **Select the most appropriate ANTONYM of the given word.**

Invade

Ans ✗ 1. Attack

✗ 2. Seize

✓ 3. Surrender

✗ 4. Assault

Question ID : **81616113303**
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 blank.

It is true that the more you study, the more you (1)_____ your horizon and hence your point of view undergoes a (2)_____. A person with higher education certainly has a better (3)_____ and ideas to help in community and societal (4)_____. Ideas that are gathered from such people provide a global (5)_____ for the nation as a whole.

SubQuestion No : 21

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

Ans ✓ 1. expand

✗ 2. exchange

✗ 3. convert

✗ 4. narrow

Question ID : **81616113294**
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 blank.

It is true that the more you study, the more you (1)_____ your horizon and hence your point of view undergoes a (2)_____. A person with higher education certainly has a better (3)_____ and ideas to help in community and societal (4)_____. Ideas that are gathered from such people provide a global (5)_____ for the nation as a whole.

SubQuestion No : 22

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

Ans ✗ 1. succession

✔ 2. transformation

✗ 3. enlargement

✗ 4. backwardness

Question ID : **81616113295**
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 blank.

It is true that the more you study, the more you (1)_____ your horizon and hence your point of view undergoes a (2)_____. A person with higher education certainly has a better (3)_____ and ideas to help in community and societal (4)_____. Ideas that are gathered from such people provide a global (5)_____ for the nation as a whole.

SubQuestion No : 23

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

Ans ✗ 1. routine

✗ 2. luck

✗ 3. scope

✔ 4. outlook

Question ID : **81616113296**
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 blank.

It is true that the more you study, the more you (1)_____ your horizon and hence your point of view undergoes a (2)_____. A person with higher education certainly has a better (3)_____ and ideas to help in community and societal (4)_____. Ideas that are gathered from such people provide a global (5)_____ for the nation as a whole.

SubQuestion No : 24

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

Ans ✔ 1. development

✘ 2. ripening

✘ 3. maturity

✘ 4. elaboration

Question ID : **81616113297**
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 blank.

It is true that the more you study, the more you (1)_____ your horizon and hence your point of view undergoes a (2)_____. A person with higher education certainly has a better (3)_____ and ideas to help in community and societal (4)_____. Ideas that are gathered from such people provide a global (5)_____ for the nation as a whole.

SubQuestion No : 25

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

Ans ✘ 1. proportion

✘ 2. posture

✔ 3. perspective

✘ 4. prejudice

Question ID : **81616113298**
Status : **Answered**
Chosen Option : **3**

Combined Graduate Level Examination 2020 Tier-I

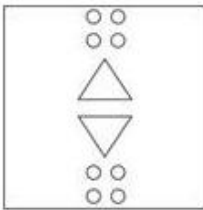|	
Roll Number	
Candidate Name	
Venue Name	
Exam Date	16/08/2021
Exam Time	12:00 PM - 1:00 PM
Subject	Combined Graduate Level Examination 2020 Tier 1

Section : **General Intelligence and Reasoning**

Q.1 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?
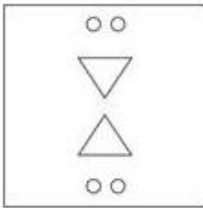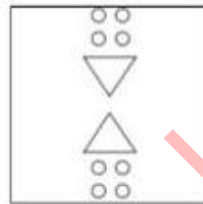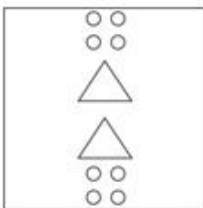

Ans

 ✗ 1.

 ✗ 2.

 ✔ 3.

 ✗ 4.
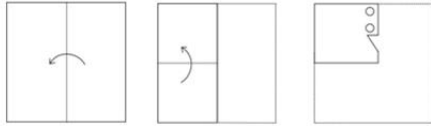
Question ID : **81616112528**
Status : **Answered**
Chosen Option : **3**

Q.2 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

GCB, JHE, MMH, PRK, ?
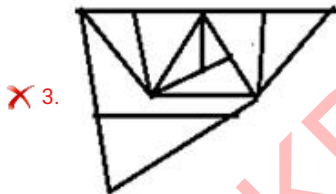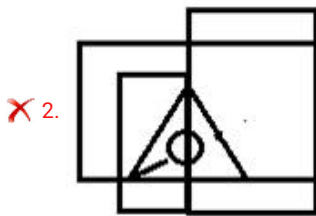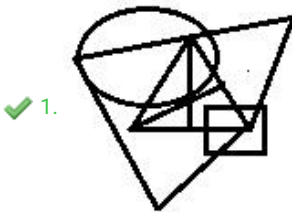
Ans ✗ 1. RVM

✗ 2. SXM

✗ 3. TXO

✓ 4. SWN

Q.3 Select the option in which the given figure is embedded (rotation is NOT allowed).

Ans

✓ 1.

✗ 2.

✗ 3.

✗ 4.

Q.4 Find the number of squares in the given figure. (Rectangles NOT to be included)

Ans
- ✗ 1. 9
- ✗ 2. 16
- ✗ 3. 5
- ✓ 4. 7
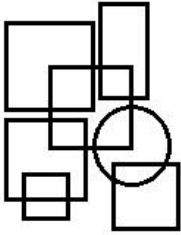
Q.5 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Umbilical
2. Urgent
3. Unaltered
4. Umbrella
5. Unanimous

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

Q.6 The present age of a father is three times that of his elder son. Four years hence, the age of the father will be four times that of his younger son. If the difference between the present ages of the elder and younger child is 6 years, what is the present age of the father?

Ans
- ✓ 1. 36 years
- ✗ 2. 38 years
- ✗ 3. 42 years
- ✗ 4. 32 years

Q.7 Select the option that is related to the third word in the same way as the second word is related to the first word.

Chicken : Flock :: Bear : ?

Ans ✗ 1. Ambush

✗ 2. Clutter

✗ 3. Drove

✓ 4. Sleuth

Question ID : **81616113115**
Status : **Not Answered**
Chosen Option : **--**

Q.8 Introducing Rajat to a guest, Ajay said, "He is the only son of my father's daughter-in law". How is Ajay related to Rajat?

Ans ✓ 1. Either father or uncle

✗ 2. Brother

✗ 3. Maternal grandfather

✗ 4. Paternal grandfather

Question ID : **81616112514**
Status : **Answered**
Chosen Option : **1**

Q.9 Two different positions of the same dice are shown, the six faces of which are marked as 'AT', 'IN', 'SO', 'WE', 'GO' and 'TO'. Select the word that will be on the face opposite to the face showing the word 'TO'.
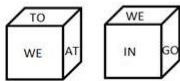
Ans ✗ 1. SO

✗ 2. AT

✓ 3. GO

✗ 4. IN

Question ID : **81616112222**
Status : **Answered**
Chosen Option : **3**

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 and the sixth number is related to the fifth number.

15 : 135 :: 16 : ? :: 18 : 189

Ans ✗ 1. 131

✗ 2. 141

✗ 3. 121

✓ 4. 152

Question ID : **81616112921**
Status : **Not Answered**
Chosen Option : **--**

Q.11 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. FJQL

✘ 2. EMNK

✘ 3. IDWG

✘ 4. BTGN

Question ID : **81616113113**

Status : **Answered**

Chosen Option : **1**

Q.12 Select the option in which the words share the same relationship as that shared by the given pair of words.

Raj Ghat : Mahatma Gandhi

Ans ✘ 1. Shanti Vana : Rajiv Gandhi

✔ 2. Vijay Ghat : Lal Bahadur Shastri

✘ 3. Shakti Sthal : Sanjay Gandhi

✘ 4. Veer Bhoomi : Indira Gandhi

Question ID : **81616112510**

Status : **Answered**

Chosen Option : **2**

Q.13 In a certain code language, 'ALPINE' is coded as '171' and 'SPRING' is coded as '83'. How will 'CAPITAL' be coded in that language?
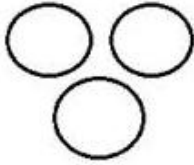
Ans ✔ 1. 186

✘ 2. 124

✘ 3. 62

✘ 4. 93

Question ID : **81616112209**

Status : **Not Answered**

Chosen Option : **--**

Q.14 Select the Venn diagram that best illustrates the relationship among the following classes.

Whisk, Utensil, Sickle

Ans

✗ 1.

✔ 2.
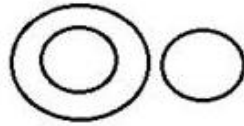
✗ 3.
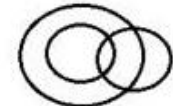
✗ 4.
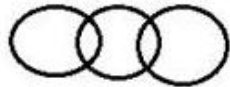
Q.15 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follows from the statements.

Statements:
All computers are laptops.
All hard disks are pen drives.
No pen drive is a keyboard.
No computer is a hard disk.

Conclusions:
I. Some pen drives are not laptops.
II. No keyboard is a computer.
III. No hard disk is a laptop.
IV. All pen drives are not keyboards.

Ans ✗ 1. Only conclusion III follows

✔ 2. Only conclusion IV follows

✗ 3. Only conclusion I follows

✗ 4. Only conclusion II follows

Q.16 Select the number from among the given options that can replace the question mark (?) in the following series.

5, 13, 22, 34, 51, 75, 108, 152, ?

Ans ✖ 1. 290

✖ 2. 203

✖ 3. 230

✔ 4. 209

Q.17 In a certain code language, 'MORBID' is written as 'THGMID'. How will 'OBTAIN' be written in that language?

Ans ✖ 1. JGOFDS

✔ 2. GJFOSD

✖ 3. JOFGSD

✖ 4. GFOJDS

Q.18 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

22 32 7
18 24 5
32 40 ?

Ans ✖ 1. 10

✖ 2. 12

✔ 3. 8

✖ 4. 4

Q.19 Select the correct mirror image of the given figure when the mirror is placed at 'AB' as shown.

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.
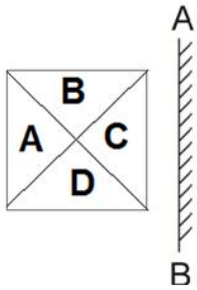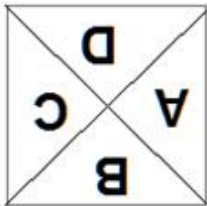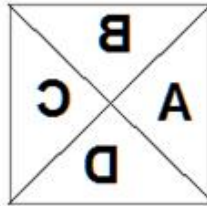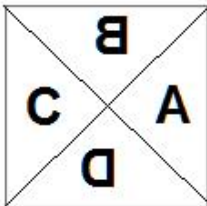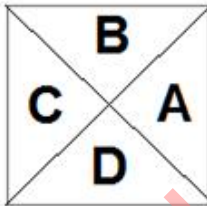
Question ID : **81616112527**
Status : **Answered**
Chosen Option : **2**

Q.20 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

6 11 14
8 3 ?
62 47 89

Ans ✔ 1. 5

✘ 2. 4

✘ 3. 6

✘ 4. 15

Q.21 Select the correct sequence of mathematical signs that can sequentially replace the * signs and balance the given equation.

6 * 10 * 55 * 162 * 9 = 23

Ans ✔ 1. ×, −, +, ÷

✘ 2. +, −, ÷, ×

✘ 3. ÷, +, ×, −

✘ 4. ×, ÷, −, +

Q.22 Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different.

Ans ✘ 1. Growl

✘ 2. Yowl

✔ 3. Prowl

✘ 4. Howl

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.
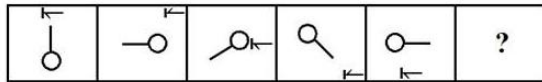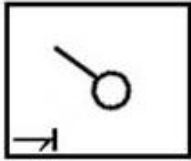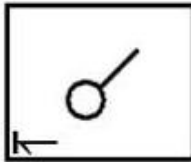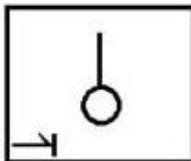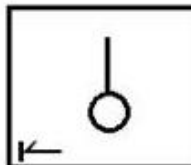
Question ID : **81616113129**
Status : **Answered**
Chosen Option : **4**

Q.24 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different.

Ans ✗ 1. 289 : 70

✗ 2. 169 : 55

✗ 3. 256 : 61

✔ 4. 324 : 64

Question ID : **81616112215**
Status : **Not Answered**
Chosen Option : **--**

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

B, E, G, J, L, ?

Ans ✔ 1. O

✘ 2. N

✘ 3. P

✘ 4. Q

Question ID : **81616112513**
Status : **Answered**
Chosen Option : **1**

Section : **General Awareness**

Q.1 Who among the following is the author of the book 'Interpreter of Maladies'?

Ans ✘ 1. Arundhati Roy

✘ 2. Anita Nair

✘ 3. Sudha Murty

✔ 4. Jhumpa Lahiri

Question ID : **81616112547**
Status : **Not Answered**
Chosen Option : **--**

Q.2 Which of the following nations is NOT a part of the Quad Group?

Ans ✘ 1. Australia

✘ 2. Japan

✘ 3. India

✔ 4. Canada

Question ID : **81616112553**
Status : **Answered**
Chosen Option : **4**

Q.3 In which of the following years was the origin and enactment of the Indian Age of Consent Act passed?

Ans ✘ 1. 1834

✘ 2. 1901

✔ 3. 1891

✘ 4. 1889

Question ID : **81616112946**
Status : **Not Answered**
Chosen Option : **--**

Q.4 How many people were awarded the Padma Vibhushan in January 2021?

Ans
✗ 1. 29

✓ 2. 7

✗ 3. 10

✗ 4. 4

Question ID : **81616113158**
Status : **Answered**
Chosen Option : **2**

Q.5 _____ is a branch of biology that studies fungi.

Ans
✗ 1. Morphology

✗ 2. Virology

✓ 3. Mycology

✗ 4. Kalology

Question ID : **81616112938**
Status : **Answered**
Chosen Option : **3**

Q.6 The place of Gautama Buddha's birth was a grove known as _____.

Ans
✗ 1. Mangar Bani

✗ 2. Kavus

✓ 3. Lumbini

✗ 4. Mawphlang

Question ID : **81616112240**
Status : **Answered**
Chosen Option : **3**

Q.7 Which of the following is a private good?

Ans
✗ 1. A good that is available to everyone to consume, regardless of who pays for it and who does not.

✗ 2. Spillover benefits

✗ 3. Non-rival in consumption and non-excludable

✓ 4. A good that is consumed by a single person or household

Question ID : **81616112230**
Status : **Answered**
Chosen Option : **4**

Q.8 Who among the following had written the book 'Char Chaman', during the reign of Shah Jahan, describing the Mughal nobility?

Ans ✔ 1. Chandrabhan Brahman

✘ 2. Gulbadan Begum

✘ 3. Muhammad Waris

✘ 4. Abu'l Dazl

Question ID : **81616112949**
Status : **Not Answered**
Chosen Option : **--**

Q.9 In which state is Ponu Yoksi, a sword-like instrument, used during ceremonial dances performed by priests?

Ans ✘ 1. Uttar Pradesh

✔ 2. Arunachal Pradesh

✘ 3. Madhya Pradesh

✘ 4. Himachal Pradesh

Question ID : **81616112228**
Status : **Not Answered**
Chosen Option : **--**

Q.10 Where is the headquarters of International Hockey Federation (FIH) located?

Ans ✘ 1. Australia

✘ 2. Nepal

✔ 3. Switzerland

✘ 4. Bhutan

Question ID : **81616113156**
Status : **Answered**
Chosen Option : **3**

Q.11 Who among the following was the Australian Open 2020 women's singles winner?

Ans ✘ 1. Serena Williams

✘ 2. Garbine Muguruza

✘ 3. Simona Halep

✔ 4. Sofia Kenin

Question ID : **81616112955**
Status : **Answered**
Chosen Option : **3**

Q.12 _____ is a practice of establishing and managing individual trees generally for amenity purposes.

Ans ✗ 1. Silviculture

✗ 2. Viniculture

✗ 3. Floriculture

✓ 4. Arboriculture

Question ID : **81616113147**
Status : **Not Answered**
Chosen Option : **--**

Q.13 Who among the following was the first Vice President of India?

Ans ✓ 1. Sarvepalli Radhakrishnan

✗ 2. Varahagiri Venkata Giri

✗ 3. Gopal Swarup Pathak

✗ 4. Zakir Hussain

Question ID : **81616112245**
Status : **Answered**
Chosen Option : **1**

Q.14 In which Indian state will you find the Borail Wildlife Sanctuary?

Ans ✗ 1. Karnataka

✗ 2. West Bengal

✗ 3. Odisha

✓ 4. Assam

Question ID : **81616112236**
Status : **Not Answered**
Chosen Option : **--**

Q.15 Which of the following is also called 'green algae'?

Ans ✗ 1. Phaeophyceae

✓ 2. Chlorophyceae

✗ 3. Rhodophyceae

✗ 4. Porphyridium

Question ID : **81616112233**
Status : **Answered**
Chosen Option : **2**

Q.16 Which of the following countries' former Prime Minister was awarded with the Padma Vibhushan award in 2021?

Ans ❌ 1. Nepal

❌ 2. Bangladesh

❌ 3. Sri Lanka

✅ 4. Japan

Question ID : **81616113152**

Status : **Answered**

Chosen Option : **4**

Q.17 Of the known elements in the periodic table, only _____ are gases under normal atmospheric conditions.

Ans ❌ 1. 10

❌ 2. 13

✅ 3. 11

❌ 4. 12

Question ID : **81616112941**

Status : **Not Answered**

Chosen Option : **--**

Q.18 In February 2021, the Defence Ministry of India awarded a contract to manufacture 83 Light Combat Aircraft (LCA) Tejas fighters to _____.

Ans ❌ 1. Defence Research and Development Organisation

✅ 2. Hindustan Aeronautics Limited

❌ 3. Bharat Dynamics Limited

❌ 4. Bharat Electronics Limited

Question ID : **81616113160**

Status : **Answered**

Chosen Option : **2**

Q.19 Who is the ex-officio President of the Indian Parliamentary Group (IPG), set up in 1949, which functions as the national group of the Inter-Parliamentary Union (IPU) and the main branch of the Commonwealth Parliamentary Association (CPA) in India?

Ans ❌ 1. Prime Minister

❌ 2. Vice President

❌ 3. President

✅ 4. Speaker of the Lok Sabha

Question ID : **81616112549**

Status : **Not Answered**

Chosen Option : **--**

Q.20 When is the Hindi Diwas observed annually?

Ans   ✗ 1. 14 March

     ✗ 2. 6 April

     ✔ 3. 14 September

     ✗ 4. 2 October

Question ID : **81616112934**
Status : **Not Answered**
Chosen Option : **--**

Q.21 What is the name of the river formed by the confluence of Sankh River and South Koel River at Vedvyas in Odisha?

Ans   ✔ 1. Brahmani

     ✗ 2. Subarnarekha

     ✗ 3. Pennar

     ✗ 4. Sabarmati

Question ID : **81616112540**
Status : **Not Answered**
Chosen Option : **--**

Q.22 _____ organised his trusted nobles into a group of forty known as Turkan-i-Chahalgani.

Ans   ✗ 1. Ala-ud-Din Khilji

     ✗ 2. Balban

     ✗ 3. Qutub-Ud-Din Aibak

     ✔ 4. Iltutmish

Question ID : **81616112544**
Status : **Not Answered**
Chosen Option : **--**

Q.23 Which of the following is one of the metals used in LED semiconductor technology?

Ans   ✗ 1. Iron

     ✗ 2. Copper

     ✔ 3. Gallium

     ✗ 4. Zinc

Question ID : **81616113141**
Status : **Not Answered**
Chosen Option : **--**

Q.24 The elements of the groups 3 to 12 are called _____ elements or transition elements.

Ans   ✗ 1. c-block

     ✗ 2. a-block

     ✔ 3. d-block

     ✗ 4. b-block

Question ID : **81616112538**
Status : **Answered**
Chosen Option : **4**

Q.25 The _____ rate measures rising prices in everything except food and energy.

Ans ✗ 1. deflation

✗ 2. stagflation

✔ 3. core inflation

✗ 4. wage inflation

Question ID : **81616112532**
Status : **Answered**
Chosen Option : **3**

Section : **Quantitative Aptitude**

Q.1 In a triangle ABC, point D lies on AB, and points E and F lie on BC such that DF is parallel to AC and DE is parallel to AF. If BE = 4 cm, CF = 3 cm, then find the length (in cm) of EF.

Ans ✗ 1. 3

✗ 2. 1.5

✗ 3. 5

✔ 4. 2

Question ID : **81616112572**
Status : **Answered**
Chosen Option : **4**

Q.2 In $\triangle ABC, AB = 20\ cm, BC = 21\ cm$ and $AC = 29\ cm.$ What is the value of $cot\,C + cosec\,C - 2\,tan\,A$?

Ans ✗ 1. $\dfrac{9}{20}$

✗ 2. $\dfrac{7}{20}$

✔ 3. $\dfrac{2}{5}$

✗ 4. $\dfrac{3}{5}$

Question ID : **81616113786**
Status : **Answered**
Chosen Option : **3**

Q.3 Table shows income (in ₹) received by 4 employees of a company during the month of December 2020 and all their income sources.

Source	Amit	Suresh	Nitin	Varun
Salary	35000	38500	29000	42000
Arrears	6000	6300	5000	7500
Bonus	1000	1100	1000	1240
Overtime	1800	1950	1400	1500

By what percent is the bonus of Varun less than the bonus of Amit and Nitin taken together?

Ans ✔ 1. 38

✘ 2. 40.9

✘ 3. 45

✘ 4. 48

Q.4 AB is a diameter of a circle. C and D are points on the opposite sides of the diameter AB, such that $\angle ACD = 25°$. E is a point on the minor arc BD. Find the measure of $\angle BED$ (in degrees).

Ans ✔ 1. 115

✘ 2. 105

✘ 3. 130

✘ 4. 125

Q.5 Three shopkeepers A, B and C marked an identical article at ₹4820. A, B and C sold their article on successive discounts of 20% and 20%; 25% and 15%; 30% and 10% respectively. Which shopkeeper gives the maximum discount and how much (in Rs)?

Ans ✘ 1. C,1780

✘ 2. A,1735.20

✘ 3. B, 1800

✔ 4. C,1783.40

Q.6 If the nine-digit number 7p5964q28 is completely divisible by 88, what is the value of ($p^2 - q$), for the largest value of q, where p and q are natural numbers?

Ans
✓ 1. 72
✗ 2. 9
✗ 3. 0
✗ 4. 81

Question ID : **81616112252**
Status : **Answered**
Chosen Option : **1**

Q.7 If $a - \frac{12}{a} = 1$, where $a > 0$, then the value of $a^2 + \frac{16}{a^2}$ is:

Ans
✗ 1. 15
✓ 2. 17
✗ 3. 11
✗ 4. 19

Question ID : **81616113172**
Status : **Answered**
Chosen Option : **2**

Q.8 From an external point A, two tangents AB and AC have been drawn to a circle touching the circle at B and C respectively. P and Q are points on AB and AC respectively such that PQ touches the circle at R. If AB = 11 cm, AP = 7 cm and AQ = 9 cm, then find the length of PQ (in cm).

Ans
✗ 1. 8
✗ 2. 7
✗ 3. 5
✓ 4. 6

Question ID : **81616112569**
Status : **Answered**
Chosen Option : **4**

Q.9 Chamanlal, Arshad and Jagjit Singh contested an election. All the votes polled were valid. Arshad got 35% of the total votes. For every 35 votes Chamanlal got 14 votes. The winner got 4950 more votes than the person who received the least number of votes. Find the total number of votes polled.

Ans
✗ 1. 13378
✗ 2. 38000
✗ 3. 99000
✓ 4. 33000

Question ID : **81616112256**
Status : **Answered**
Chosen Option : **4**

Q.10 What is the ratio of the average of first eight prime numbers to the average of first ten even natural numbers?

Ans
- ✗ 1. $1:7$
- ✗ 2. $7:80$
- ✗ 3. $8:70$
- ✔ 4. $7:8$

Question ID : **81616112557**
Status : **Answered**
Chosen Option : **4**

Q.11 A and B can complete a work in 15 days and 10 days respectively. They started doing the work together but after 4 days B had to leave. Then A working with a new worker C completed the remaining work in 3 days. If C works alone, in how many days he can do 40% of the same work?

Ans
- ✔ 1. 9
- ✗ 2. 8
- ✗ 3. 10
- ✗ 4. $8\frac{1}{2}$

Question ID : **81616112260**
Status : **Answered**
Chosen Option : **1**

Q.12 $\dfrac{cot^3\theta}{cosec^2\theta} + \dfrac{tan^3\theta}{sec^2\theta} + 2\,sin\,\theta\,cos\theta = ?$

Ans
- ✔ 1. $cosec\theta sec\theta$
- ✗ 2. $cosec^2\theta sec^2\theta$
- ✗ 3. $sin\theta cos\theta$
- ✗ 4. $sin^2\theta cos\theta$

Question ID : **81616112373**
Status : **Answered**
Chosen Option : **1**

Q.13 If $\left(16\sqrt{2}x^3 + 81\sqrt{3}y^3\right) \div \left(2\sqrt{2}x + 3\sqrt{3}y\right) = Ax^2 + By^2 + Cxy$, then find the value of $2A - 3B - 2\sqrt{6}\,C$.

Ans
- ✗ 1. 25
- ✗ 2. 79
- ✗ 3. 137
- ✔ 4. 7

Question ID : **81616112971**
Status : **Answered**
Chosen Option : **4**

Q.14 Hridaya opened her piggy bank and found coins of denomination ₹1, ₹2, ₹5 and ₹10 in the ratio 10 : 5 : 2 : 1. If there are 72 coins in all, then how much money (in ₹) was there in the piggy bank in the form of coins?

Ans ✔ 1. 160

✘ 2. 90

✘ 3. 72

✘ 4. 100

Q.15 The value of $3\frac{5}{6} + \left[3\frac{2}{3} + \left\{\frac{15}{4}\left(5\frac{4}{5} \div 14\frac{1}{2}\right)\right\}\right]$ is equal to:

Ans ✔ 1. 9

✘ 2. 6

✘ 3. 7

✘ 4. 8

Q.16 If $4x^4 - 37x^2 + 9 = 0, x > \sqrt{\frac{3}{2}}$, then what is the value of $8x^3 - \frac{27}{x^3}$?

Ans ✔ 1. 215

✘ 2. -215

✘ 3. 35

✘ 4. -35

Q.17 A sum at a certain rate of simple interest becomes ₹14880 after 3 years and ₹16800 after 5 years. Find the simple interest on the same sum at 10% per annum for 4 years (in ₹).

Ans ✘ 1. 4740

✔ 2. 4800

✘ 3. 4860

✘ 4. 5184

Q.18 If $2\sin(3x-15)° = 1, 0° < (3x-15) < 90°$, then find the value of $\cos^2(2x+15)° + \cot^2(x+15)°$.

Ans ✘ 1. 1

✘ 2. $\dfrac{5}{2}$

✘ 3. $-\dfrac{7}{2}$

✔ 4. $\dfrac{7}{2}$

Q.19 Table shows the number of trees planted in 4 cities from 2016 to 2020.

Years	Chandigarh	Ahmadabad	Pune	Kolkata
2016	1800	2500	1800	2000
2017	2500	2300	1850	1800
2018	2300	2400	1840	1760
2019	2440	1950	1900	1600
2020	2250	2100	2000	1750

In which year were the maximum number of trees planted?

Ans ✘ 1. 2018

✘ 2. 2020

✔ 3. 2017

✘ 4. 2016

Q.20 If one of the angles of a triangle is 74°, then the angle between the bisectors of the other two interior angles is:

Ans ✔ 1. $127°$

✘ 2. $16°$

✘ 3. $53°$

✘ 4. $106°$

Q.21 A train leaves station A at 8 am and reaches station B at 12 noon. A car leaves station B at 8:30 am and reaches station A at the same time when the train reaches station B. At what time do they meet?

Ans

✘ 1. $9 : 38$ am

✘ 2. $10 : 22$ am

✔ 3. $10 : 08$ am

✘ 4. $9 : 52$ am

Q.22 The following Pie chart represents the percentage-wise distribution of 300 students of class X in a school in six different sections A. B. C. D. E and F.
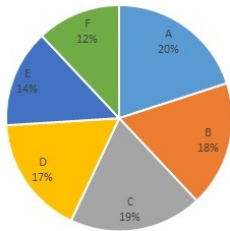
The table given below shows the number of boys of class X in six different sections A, B, C, D, E and F.

Section	A	B	C	D	E	F
No. of boys	36	26	34	28	x	20

If in section E, the ratio of the number of boys to the number of girls is 3 : 4, then the ratio of number of boys in section E to the number of girls in section C is :

Ans

✔ 1. $18 : 23$

✘ 2. $24 : 23$

✘ 3. $23 : 18$

✘ 4. $23 : 24$

Q.23 The bar graph shows the number of students enrolled for a science course in institutes A and B during 5 years from 2014 to 2018,
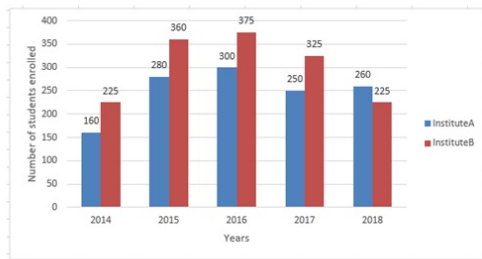
What is the ratio of the total numbers of students enrolled in institute B in 2015 and 2017 to that of students enrolled in institute A in 2014 and 2016?

Ans
✗ 1. 92 : 137
✗ 2. 91 : 111
✗ 3. 111 : 91
✔ 4. 137 : 92

Q.24 A heap of wheat is in the form of a cone whose base diameter is 8.4 m and height is 1.75 m. The heap is to be covered by canvass. What is the area (in m^2) of the canvas required? $\left(\text{Use } \pi = \frac{22}{7}\right)$

Ans
✔ 1. 60.06
✗ 2. 115.05
✗ 3. 60.6
✗ 4. 115.5

Q.25 Radha purchased a Computer table for ₹10000 and a Centre table for ₹5000. She sold Computer table with 8% profit. With what profit percent should she sell the Centre table so as to gain 10% on the whole transaction?

Ans
✗ 1. 18%
✗ 2. 12%
✔ 3. 14%
✗ 4. 10%

Section : **English Comprehension**

Q.1 Select the most appropriate ANTONYM of the given word.

Harmony

Ans ✗ 1. Accord

✔ 2. Conflict

✗ 3. Amity

✗ 4. Concord

	Question ID : **81616113001**
	Status : **Answered**
	Chosen Option : **2**

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

Chaos

Ans ✔ 1. Confusion

✗ 2. Fusion

✗ 3. Tension

✗ 4. Dirt

	Question ID : **81616112594**
	Status : **Answered**
	Chosen Option : **3**

Q.3 Select the INCORRECTLY spelt word.

Ans ✗ 1. Fatalist

✗ 2. Perfectionist

✔ 3. Pessymist

✗ 4. Optimist

	Question ID : **81616113209**
	Status : **Answered**
	Chosen Option : **3**

Q.4 Select the most appropriate meaning of the following idiom.

Apple of one's eye

Ans ✗ 1. Someone who plays all sports

✗ 2. Someone with great respect

✔ 3. Someone very precious or dear

✗ 4. Someone who behaves courteously

	Question ID : **81616113003**
	Status : **Answered**
	Chosen Option : **3**

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

A. This awareness has motivated everyone to go for physical exercises.
B. These days people are more aware of their health.
C. In addition to physical exercises, some prefer taking health supplements too.
D. It is advisable, but one should consult a trainer/doctor before consuming health supplements.

Ans ✗ 1. DBCA

✗ 2. ADBC

✓ 3. BACD

✗ 4. BADC

Question ID : **81616112997**
Status : **Answered**
Chosen Option : **3**

Q.6 Select the option that expresses the given sentence in passive voice.

The postman had delayed the letter.

Ans ✗ 1. The postman had been delayed by the letter.

✓ 2. The letter had been delayed by the postman.

✗ 3. The letter was delayed by the postman.

✗ 4. The letter had delayed the postman.

Question ID : **81616112279**
Status : **Answered**
Chosen Option : **2**

Q.7 Select the most appropriate option to fill in the blank.

The jungle was nearly _____, so the progress was slow.

Ans ✓ 1. impenetrable

✗ 2. immaterial

✗ 3. immortal

✗ 4. immobile

Question ID : **81616112605**
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.

A large bedroom for a number of people in a school or institution.

Ans ✗ 1. Hostel

✗ 2. Creche

✗ 3. Assembly

✓ 4. Dormitory

Question ID : **81616112297**
Status : **Answered**
Chosen Option : **4**

Q.9 Select the option that can be used as a one-word substitute for the given group of words.

A group of people, typically with vehicles or animals, travelling together.

Ans   ✔ 1. Caravan

     ✘ 2. Troop

     ✘ 3. Circus

     ✘ 4. Gang

Question ID : **81616112298**
Status : **Answered**
Chosen Option : **1**

Q.10 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

Sholay <u>is one in the most popular</u> Hindi movies.

Ans   ✘ 1. is one in the more popular

     ✔ 2. is one of the most popular

     ✘ 3. is in the most popular

     ✘ 4. No substitution

Question ID : **81616112281**
Status : **Answered**
Chosen Option : **2**

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

Rejuvenate

Ans   ✘ 1. Retell

     ✘ 2. Retake

     ✘ 3. Reset

     ✔ 4. Refresh

Question ID : **81616112595**
Status : **Not Answered**
Chosen Option : **--**

Q.12 Select the most appropriate option to fill in the blank.

I read some _____ of properties for sale on the Internet before I called the agent.

Ans   ✔ 1. descriptions

     ✘ 2. arguments

     ✘ 3. monologues

     ✘ 4. spaces

Question ID : **81616112301**
Status : **Answered**
Chosen Option : **1**

Q.13 Select the most appropriate ANTONYM of the given word.

Elated

Ans ✗ 1. Thrilled

✗ 2. Proud

✓ 3. Depressed

✗ 4. Excited

Question ID : **81616113202**
Status : **Answered**
Chosen Option : **3**

Q.14 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.

"Would you liked / to have / some fries / along with your coffee, / sir?" / asked the waiter.

Ans ✗ 1. asked the waiter

✗ 2. along with your coffee

✓ 3. Would you liked

✗ 4. some fries

Question ID : **81616112278**
Status : **Answered**
Chosen Option : **3**

Q.15 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. There are many secondary reasons as well along with increasing levels of carbon.
B. The term is used to describe the unnatural rise in earth's average temperature.
C. Increased carbon dioxide is the primary driver of global warming.
D. Global warming is the single biggest threat to life on earth today.

Ans ✗ 1. DABC

✗ 2. ABCD

✓ 3. DBCA

✗ 4. ACBD

Question ID : **81616113198**
Status : **Answered**
Chosen Option : **3**

Q.16 Select the INCORRECTLY spelt word.

Ans ✗ 1. Virtuous

✗ 2. Profuse

✓ 3. Luxuriaus

✗ 4. Recluse

Question ID : **81616113208**
Status : **Answered**
Chosen Option : **3**

Q.17 Select the option that expresses the given sentence in indirect speech.

The teacher said, "Man is mortal."

Ans ✗ 1. The teacher said that men were mortal.

✗ 2. The teacher instructed that man was mortal.

✗ 3. The teacher said that man was mortal.

✓ 4. The teacher said that man is mortal.

Question ID : **81616112583**

Status : **Answered**

Chosen Option : **4**

Q.18 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

Much of the truth about the mysterious death of her pet was not revealed.

Ans ✗ 1. were not revealed

✗ 2. have not revealed

✗ 3. were not being revealed

✓ 4. No substitution

Question ID : **81616112585**

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 supervisor / wanted to known / the pros and cons / of the issue.

Ans ✗ 1. the pros and cons

✓ 2. wanted to known

✗ 3. of the issue

✗ 4. The supervisor

Question ID : **81616112984**

Status : **Answered**

Chosen Option : **2**

Q.20 Select the most appropriate meaning of the following idiom.

To the nines

Ans ✗ 1. To be exalted

✗ 2. To be jealous

✗ 3. To great depths

✓ 4. To perfection

Question ID : **81616113002**

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 blank.

It is essential to form a link between formal education and skill (1)_____. Multidisciplinary and personality enhancement skills are the (2)_____ requirements of every sector. Many reforms are being (3)_____ in higher education to co-relate academics to the (4)_____ of various service sectors. Innovative models can help to (5)_____ the varied needs of skilled and unskilled labour.

SubQuestion No : 21

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

Ans ✗ 1. ripening

✔ 2. development

✗ 3. progress

✗ 4. maturity

Question ID : **81616113193**
Status : **Answered**
Chosen Option : **2**

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 blank.

It is essential to form a link between formal education and skill (1)_____. Multidisciplinary and personality enhancement skills are the (2)_____ requirements of every sector. Many reforms are being (3)_____ in higher education to co-relate academics to the (4)_____ of various service sectors. Innovative models can help to (5)_____ the varied needs of skilled and unskilled labour.

SubQuestion No : 22

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

Ans ✔ 1. essential

✗ 2. domestic

✗ 3. needless

✗ 4. external

Question ID : **81616113194**
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 blank.

It is essential to form a link between formal education and skill (1)_____. Multidisciplinary and personality enhancement skills are the (2)_____ requirements of every sector. Many reforms are being (3)_____ in higher education to co-relate academics to the (4)_____ of various service sectors. Innovative models can help to (5)_____ the varied needs of skilled and unskilled labour.

SubQuestion No : 23

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

Ans ✗ 1. settled

✔ 2. introduced

✗ 3. improved

✗ 4. related

Question ID : **81616113195**
Status : **Answered**
Chosen Option : **2**

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 blank.

It is essential to form a link between formal education and skill (1)_____. Multidisciplinary and personality enhancement skills are the (2)_____ requirements of every sector. Many reforms are being (3)_____ in higher education to co-relate academics to the (4)_____ of various service sectors. Innovative models can help to (5)_____ the varied needs of skilled and unskilled labour.

SubQuestion No : 24

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

Ans ✔ 1. need

✗ 2. duty

✗ 3. charge

✗ 4. urgency

Question ID : **81616113196**
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 blank.

It is essential to form a link between formal education and skill (1)_____. Multidisciplinary and personality enhancement skills are the (2)_____ requirements of every sector. Many reforms are being (3)_____ in higher education to co-relate academics to the (4)_____ of various service sectors. Innovative models can help to (5)_____ the varied needs of skilled and unskilled labour.

SubQuestion No : 25

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

Ans ✗ 1. met

✗ 2. meeting

✗ 3. meets

✔ 4. meet

Question ID : **81616113197**
Status : **Answered**
Chosen Option : **4**

Combined Graduate Level Examination 2020 Tier-I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	16/08/2021
Exam Time	3:00 PM - 4:00 PM
Subject	Combined Graduate Level Examination 2020 Tier 1

Section : **General Intelligence and Reasoning**

Q.1 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.

Ans

Question ID : **81616114143**
Status : **Answered**
Chosen Option : **3**

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.

21 : 445 : : 24 : ?

Ans ✓ 1. 580

✗ 2. 495

✗ 3. 505

✗ 4. 523

Question ID : **81616112416**
Status : **Answered**
Chosen Option : **1**

Q.3 Select the option that is related to the third word in the same way as the second word is related to the first word.

Awful : Nice : : Nomadic : ?

Ans ✗ 1. Nocturnal

✗ 2. Homeless

✔ 3. Settled

✗ 4. Careless

Question ID : **81616113923**
Status : **Answered**
Chosen Option : **3**

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. NPSV

✗ 2. BEHK

✗ 3. XADG

✗ 4. QTWZ

Question ID : **81616113921**
Status : **Answered**
Chosen Option : **1**

Q.5 Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different.

Ans ✗ 1. Sluggish

✗ 2. Passive

✗ 3. Lethargic

✔ 4. Vivacious

Question ID : **81616112811**
Status : **Answered**
Chosen Option : **4**

Q.6 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

BOARD, BOARW, BOAIW, ?, BLZIW, YLZIW

Ans ✗ 1. BOAIW

✔ 2. BOZIW

✗ 3. BOZRW

✗ 4. BLZRW

Question ID : **81616114121**
Status : **Answered**
Chosen Option : **2**

Q.7 Pointing to the photograph of a girl, Raghav said, "She is my father's mother's daughter's only brother's daughter". How is Raghav's father related to that girl's mother?

Ans ✗ 1. Maternal uncle

✗ 2. Father

✓ 3. Husband

✗ 4. Son

Question ID : **81616114130**

Status : **Answered**

Chosen Option : **3**

Q.8 Select the option in which the numbers are NOT related in the same way as are the numbers of the following set.

(7, 21, 49)

Ans ✗ 1. (8, 24, 64)

✗ 2. (5, 15, 25)

✗ 3. (6, 18, 36)

✓ 4. (9, 27, 72)

Question ID : **81616112418**

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

Chosen Option : **--**

Q.9 A cube is made by folding the given sheet. In the cube so formed, what would be the letter on the face opposite the face showing the letter 'A'?
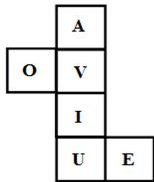
Ans ✗ 1. **V**

✓ 2. **I**

✗ 3. **E**

✗ 4. **U**

Question ID : **81616112828**

Status : **Answered**

Chosen Option : **2**

Q.10 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(16, 12, 32)

Ans   ✗ 1. (20, 15, 42)

✗ 2. (76, 57, 176)

✓ 3. (36, 27, 77)

✗ 4. (56, 24, 68)

Question ID : **81616112823**

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

Chosen Option : **--**

Q.11 Select the option in which the given figure is embedded (rotation is NOT allowed).

Ans

✗ 1.

✗ 2.

✓ 3.

✗ 4.

Question ID : **81616114142**

Status : **Answered**

Chosen Option : **3**

Q.12 Find the number of triangles in the given figure.
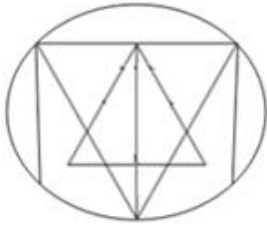
Ans ✗ 1. 19

✓ 2. 15

✗ 3. 17

✗ 4. 13

Question ID : **81616112827**

Status : **Answered**

Chosen Option : **4**

Q.13 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Success
2. Surreal
3. Succumb
4. Suction
5. Surrogate
6. Surprise

Ans ✗ 1. 1, 3, 6, 4, 2, 5

✗ 2. 1, 4, 3, 6, 2, 5

✓ 3. 1, 3, 4, 6, 2, 5

✗ 4. 1, 3, 4, 6, 5, 2

Question ID : **81616113920**

Status : **Answered**

Chosen Option : **3**

Q.14 Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the equation.

36 * 14 * 63 * 9 * 11 * (6 * 3) * 90

Ans ✗ 1. -, +, ÷, ×, =, -, +

✓ 2. -, +, ÷, ×, -, +, =

✗ 3. +, -, ÷, ×, =, -, +

✗ 4. -, +, ×, ÷, -, +, =

Question ID : **81616112824**

Status : **Answered**

Chosen Option : **2**

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

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.
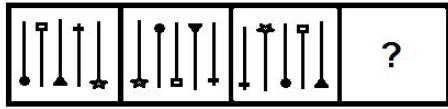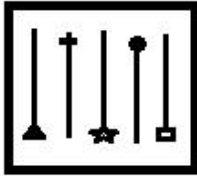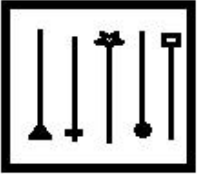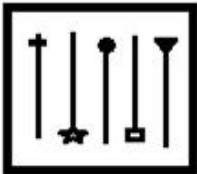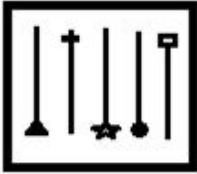
Question ID : **81616113937**

Status : **Answered**

Chosen Option : **1**

Q.16 When number X multiplied to its next number, the product 1260 is obtained. When Number X is added to Number Y, a total of 106 is obtained. Find the value of Number Y. (Assume numbers to be positive)

Ans ✔ 1. 71

✘ 2. 77

✘ 3. 61

✘ 4. 87

Question ID : **81616114138**

Status : **Answered**

Chosen Option : **1**

Q.17 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

b _ c e _ k b _ c _ f k b b _ e f _ b b c _ f k

Ans ✗ 1. b, e, b, f, c, k, e

✗ 2. b, f, b, e, c, e, k

✓ 3. b, f, b, e, c, k, e

✗ 4. b, f, b, c, e, k, e

Question ID : **81616114129**

Status : **Answered**

Chosen Option : **3**

Q.18 Select the number from among the given options that can replace the question mark (?) in the following series.

37, 52, 74, 104, 143, ?

Ans ✗ 1. 168

✗ 2. 202

✗ 3. 176

✓ 4. 192

Question ID : **81616113930**

Status : **Answered**

Chosen Option : **4**

Q.19 The following Venn diagram shows the number of families who have visited three different places (Srinagar, Shimla, Gangtok).
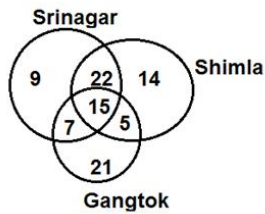
What is the number of families who have visited at least two of the places out of Srinagar, Shimla and Gangtok?

Ans ✗ 1. 27

✗ 2. 34

✗ 3. 15

✓ 4. 49

Question ID : **81616112428**

Status : **Answered**

Chosen Option : **4**

Q.20 Select the option in which the words share the same relationship as that shared by the given pair of words.

Dentist : Hospital

Ans   ✗ 1. Criminal : Police Station

      ✗ 2. Doctor : Treatment

      ✔ 3. Professor : University

      ✗ 4. Engineer : Design

Question ID : **81616114126**

Status : **Answered**

Chosen Option : **3**

Q.21 In a certain code language, 'AND' is written as 'C-LP-F' and 'NOR' is coded as 'P-MQ-T'. How will 'BUT' be written in that language?

Ans   ✔ 1. D-SW-V

      ✗ 2. C-SU-V

      ✗ 3. D-SW-U

      ✗ 4. C-TV-W

Question ID : **81616112410**

Status : **Answered**

Chosen Option : **1**

Q.22 In a certain code language, 'SAFETY' is coded as '95' and 'EXPAND' is coded as '87'. How will 'GATHER' be coded in that language?

Ans   ✗ 1. 90

      ✔ 2. 86

      ✗ 3. 84

      ✗ 4. 88

Question ID : **81616112815**

Status : **Answered**

Chosen Option : **4**

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.
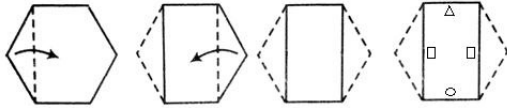
Question ID : **81616114144**

Status : **Answered**

Chosen Option : **2**

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:
All dancers are talented.
Some girls are dancers.

Conclusions:
I. Some girls are talented.
II. All talented are girls.
III. All girls are talented.

Ans ✓ 1. Only conclusion I follows

✗ 2. Only conclusion II follows

✗ 3. Only conclusion III follows

✗ 4. Both conclusions I and II follow

Question ID : **81616112414**

Status : **Answered**

Chosen Option : **1**

Q.25 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different.

Ans ✗ 1. 2347 : 1113

✗ 2. 3527 : 2293

✗ 3. 5237 : 4003

✓ 4. 4327 : 2003

Question ID : **81616112821**

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

Chosen Option : **--**

Section : **General Awareness**

Q.1 Which of the following is NOT in Karnataka?

Ans ✗ 1. Hampi

✗ 2. Bannerghatta National Park

✗ 3. Mysore Palace

✓ 4. Duduma Waterfall

Question ID : **81616114156**

Status : **Answered**

Chosen Option : **4**

Q.2 In the periodic table, the highly electronegative halogens and the highly electropositive alkali metals are separated by:

Ans ✗ 1. Noble metals

✗ 2. Rare earth elements

✗ 3. Alkaline earth metals

✓ 4. Noble gases

Question ID : **81616114154**

Status : **Not Answered**

Chosen Option : **--**

Q.3 Topaz is a _____ of fluorine and aluminium.

Ans ✗ 1. sulphate

✗ 2. phosphate

✗ 3. carbonate

✓ 4. silicate

Question ID : **81616113955**

Status : **Not Answered**

Chosen Option : **--**

Q.4 Who among the following was one of the leaders who was instrumental in convincing Mahatma Gandhi about the need to start a non-cooperation movement in support of The Khilafat?

Ans ✔ 1. Shaukat Ali

✘ 2. Maulana Abul Kalam Azad

✘ 3. Abdul Ghaffar Khan

✘ 4. Mohammad Ali Jinnah

Question ID : **81616114160**
Status : **Not Answered**
Chosen Option : **--**

Q.5 In which of the following states was the International Paragliding Festival organised by the Adventure Sports and Sustainable Tourism Academy (ASSTA) in 2020?

Ans ✘ 1. Tripura

✔ 2. Kerala

✘ 3. Assam

✘ 4. Uttarakhand

Question ID : **81616112834**
Status : **Not Answered**
Chosen Option : **--**

Q.6 Which of the following organs secretes hydrochloric acid that helps our body in killing pathogenic bacteria?

Ans ✘ 1. Brain

✘ 2. Heart

✘ 3. Kidney

✔ 4. Stomach

Question ID : **81616112436**
Status : **Answered**
Chosen Option : **4**

Q.7 Which of the following state governments launched the long-awaited policy of manufactured sand in January 2021?

Ans ✘ 1. Gujarat

✘ 2. Maharashtra

✘ 3. Madhya Pradesh

✔ 4. Rajasthan

Question ID : **81616113968**
Status : **Not Answered**
Chosen Option : **--**

Q.8 Who among the following rulers is called the 'Napolean of India'?

Ans ✔ 1. Samudragupta

✘ 2. Chandragupta I

✘ 3. Bindusara

✘ 4. Ashoka

Question ID : **81616112441**

Status : **Answered**

Chosen Option : **1**

Q.9 Who among the following is an Indian Paralympic swimmer?

Ans ✘ 1. Gaurav Khanna

✘ 2. Sukant Kadam

✘ 3. Pramod Bhagat

✔ 4. Sharath M Gayakwad

Question ID : **81616112450**

Status : **Not Answered**

Chosen Option : **--**

Q.10 Which of the following states topped the second edition of the Indian Innovation Index released by NITI Aayog in January 2021?

Ans ✘ 1. Andhra Pradesh

✔ 2. Karnataka

✘ 3. Punjab

✘ 4. Tamil Nadu

Question ID : **81616112836**

Status : **Answered**

Chosen Option : **2**

Q.11 Article 21A of the Constitution of India provides Right to _____.

Ans ✔ 1. Education

✘ 2. Privacy

✘ 3. Equality

✘ 4. Work

Question ID : **81616114165**

Status : **Answered**

Chosen Option : **1**

Q.12 As of 26th January 2021, who is the Lok Sabha Speaker?

Ans ✘ 1. Nitin Gadkari

✔ 2. Om Birla

✘ 3. Rajnath Singh

✘ 4. JP Nadda

Question ID : **81616113960**

Status : **Answered**

Chosen Option : **2**

Q.13 In which of the following states is Anchar Lake located?

Ans ✔ 1. Jammu and Kashmir

✘ 2. Assam

✘ 3. Bihar

✘ 4. Meghalaya

Question ID : **81616112842**

Status : **Not Answered**

Chosen Option : **--**

Q.14 Deserts, rain forests, coral reefs and mangroves are features of _____ diversity.

Ans ✘ 1. genetic

✘ 2. cultural

✘ 3. species

✔ 4. ecological

Question ID : **81616113949**

Status : **Answered**

Chosen Option : **4**

Q.15 Who among the following laid the foundations of the Indian National Movement by founding the Indian Association at Calcutta in 1876?

Ans ✘ 1. Aurobindo Ghose

✘ 2. Womesh Chandra Banerjee

✘ 3. Dadabhai Naoroji

✔ 4. Surendranath Banerjee

Question ID : **81616112444**

Status : **Answered**

Chosen Option : **4**

Q.16 When is the statehood day of Tripura observed?

Ans ✔ 1. 21 January

✘ 2. 12 March

✘ 3. 21 February

✘ 4. 3 October

Question ID : **81616112851**

Status : **Not Answered**

Chosen Option : **--**

Q.17 'Jadopatiya' is a form of _____ popular in the state of Jharkhand.

Ans ✘ 1. music

✘ 2. dance

✔ 3. painting

✘ 4. sculpture

Question ID : **81616112429**

Status : **Not Answered**

Chosen Option : **--**

Q.18 In which of the following years did the revolt in the countryside of the Bombay Deccan occur?

Ans　　✗ 1. 1905

　　　　✗ 2. 1890

　　　　✗ 3. 1790

　　　　✓ 4. 1875

Question ID : **81616112846**

Status : **Not Answered**

Chosen Option : **--**

Q.19 'Swasthya Sathi' scheme is the health insurance scheme that covers the entire population of which of the following states?

Ans　　✗ 1. Assam

　　　　✓ 2. West Bengal

　　　　✗ 3. Meghalaya

　　　　✗ 4. Bihar

Question ID : **81616112839**

Status : **Not Answered**

Chosen Option : **--**

Q.20 Which of the following states won the National Award for Best Electoral Practices 2020?

Ans　　✗ 1. Karnataka

　　　　✓ 2. Meghalaya

　　　　✗ 3. Mizoram

　　　　✗ 4. Kerala

Question ID : **81616114169**

Status : **Not Answered**

Chosen Option : **--**

Q.21 As of 2020, which among the following is a permanent member at United Nations Security Council?

Ans　　✗ 1. Brazil

　　　　✗ 2. Germany

　　　　✓ 3. China

　　　　✗ 4. Japan

Question ID : **81616113966**

Status : **Answered**

Chosen Option : **3**

Q.22 What is the abbreviated form of the IPL franchise cricket team from Chennai?

Ans ✔ 1. CSK

✘ 2. GCW

✘ 3. CL

✘ 4. CA

Question ID : **81616113964**

Status : **Answered**

Chosen Option : **1**

Q.23 Who among the following won the 'Indian Personality of the Year Award' during the 51st International Film Festival?

Ans ✔ 1. Biswajit Chatterjee

✘ 2. Amitabh Bachchan

✘ 3. Asha Bhosle

✘ 4. Shabana Azmi

Question ID : **81616114163**

Status : **Answered**

Chosen Option : **4**

Q.24 What do you call the effect of splitting of a spectral line into several components in the presence of a static magnetic field?

Ans ✘ 1. Bezold effect

✘ 2. Domino effect

✘ 3. Askaryan effect

✔ 4. Zeeman effect

Question ID : **81616112433**

Status : **Answered**

Chosen Option : **4**

Q.25 SHG promotes thrift in small proportion by a minimum contribution from each member of the group. What does 'H' stand for in SHG?

Ans ✘ 1. Habitat

✘ 2. Harvest

✘ 3. Heavy

✔ 4. Help

Question ID : **81616114148**

Status : **Answered**

Chosen Option : **4**

Section : **Quantitative Aptitude**

Q.1 Find the difference between squares of the greatest value and the smallest value of P if the number 5306P2 is divisible by 3.

Ans
✔ 1. 60
✘ 2. 68
✘ 3. 36
✘ 4. 6

Question ID : **81616112858**
Status : **Answered**
Chosen Option : **1**

Q.2 The area of a square shaped field is $1764\ m^2$. The breadth of a rectangular park is $\frac{1}{3}rd$ the side of the square field and its length is two times its breadth. What is the cost (in ₹) of levelling the park at ₹15 per m^2 ?

Ans
✘ 1. 4200
✘ 2. 4290
✔ 3. 5880
✘ 4. 4320

Question ID : **81616114181**
Status : **Answered**
Chosen Option : **3**

Q.3 The value of $\dfrac{tan^2 30° + sin^2 90° + cot^2 60° + sin^2 30°\ cos^2 45°}{sin60°\ cos30° - cos60°\ sin30°}$ is:

Ans
✘ 1. $\dfrac{25}{12}$

✔ 2. $\dfrac{43}{12}$

✘ 3. $\dfrac{37}{12}$

✘ 4. $\dfrac{47}{12}$

Question ID : **81616113181**
Status : **Answered**
Chosen Option : **2**
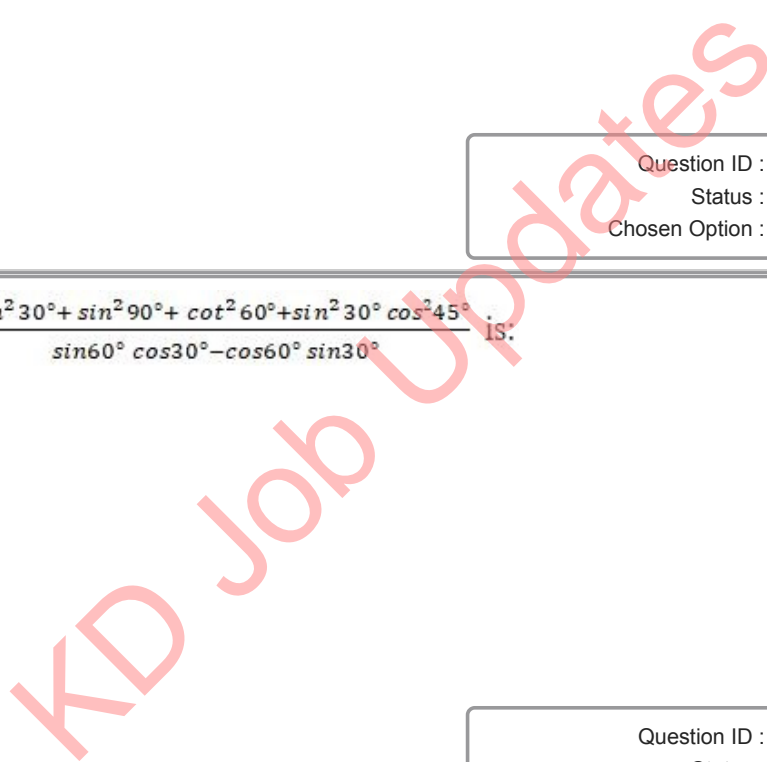
Q.4 The data given in the table shows the number of boys and girls enrolled in three different streams in a school over 5 years.

years	Arts Boys	Arts Girls	Science Boys	Science Girls	Commerce Boys	Commerce Girls
2012	48	36	40	35	35	45
2014	42	43	42	32	32	42
2016	45	42	38	30	36	38
2018	39	46	41	23	28	34
2020	36	43	39	30	39	41

By what percent is the total number of boys in Arts stream more than the total number of boys in Science stream in the years 2012 to 2020?

Ans

✗ 1. $2\frac{18}{41}$

✔ 2. 5

✗ 3. 0

✗ 4. $4\frac{16}{21}$

Question ID : **81616112376**
Status : **Answered**
Chosen Option : **2**

Q.5 Fourth proportion to 12, 18, and 6 is same as the third proportion to k and 6. What is the value of k?

Ans

✗ 1. $3\sqrt{6}$

✗ 2. 13.5

✔ 3. 4

✗ 4. 3

Question ID : **81616112460**
Status : **Answered**
Chosen Option : **2**

Q.6 If a number is first increased by 15%, then reduced by 15%, it results in 782. If the same number is first reduced by 25%, then increased by 25% and again reduced by 20%, then what will be the resulting number?

Ans

✗ 1. 712

✗ 2. 150

✗ 3. 750

✔ 4. 600

Question ID : **81616112862**
Status : **Answered**
Chosen Option : **4**

Q.7 In △ ABC, DE ∥ AB, where D and E are the points on sides AC and BC, respectively. If AD = $x - 3$, AC = $2x$, BE = $x - 2$ and BC = $2x + 3$, then what is the value of x ?

Ans   ✗ 1. 12

✗ 2. 10

✗ 3. 8

✔ 4. 9

Question ID : **81616113985**

Status : **Answered**

Chosen Option : **4**

Q.8 In a factory, there are 39 workers who have been categorised into five groups (A, B, C, D, E) on the basis of the range of their daily wages (in multiples of ₹100). It is ensured that the daily wage of no worker is an exact multiple of ₹100. The distribution is presented through the given histogram.
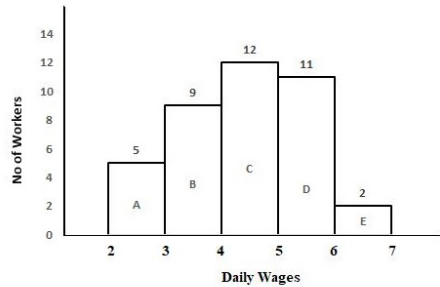
If two Managers are engaged to supervise the workers, with daily wages ranging between ₹700 and ₹800, then what will be the average daily wage (nearest to a ₹) of all members of staff of the factory?

Ans   ✔ 1. ₹455

✗ 2. ₹400

✗ 3. ₹467

✗ 4. ₹445

Question ID : **81616113589**

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

Chosen Option : **--**

Q.9 If $sin\left(\frac{2A+B}{2}\right) = cos\left(\frac{2A-B}{2}\right) = \frac{\sqrt{3}}{2}$, $0° < \frac{2A+B}{2} < 90°$ and $0° < \frac{2A+B}{2} < 90°$ then find the value of $sin[3(A-B)]$.

Ans   ✗ 1. 1

✔ 2. $\frac{1}{\sqrt{2}}$

✗ 3. $\frac{1}{2}$

✗ 4. $\frac{\sqrt{3}}{2}$

Question ID : **81616112876**

Status : **Answered**

Chosen Option : **2**

Q.10 A shopkeeper allows 16% discount on every item. Even after giving the discount, he makes a profit of 8%. If he gives 8% discount instead of 16% on an item marked for ₹1800, then what will be his profit percent? (correct to 2 decimal places)

Ans   ✗ 1. 18.31

   ✗ 2. 19

   ✓ 3. 18.29

   ✗ 4. 18

Question ID : **81616112457**

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

Chosen Option : --

Q.11 In △ ABC, D is the mid-point of side AC and E is a point on side AB such that EC bisects BD at F. If AE = 30 cm, then the length of EB is:

Ans   ✗ 1. 10 cm

   ✗ 2. 20 cm

   ✓ 3. 15 cm

   ✗ 4. 18 cm

Question ID : **81616114188**

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

Chosen Option : --

Q.12 If $x + y = 2$ and $\frac{1}{x} + \frac{1}{y} = \frac{18}{5}$, then the value of $(x^3 + y^3)$ is:

Ans   ✓ 1. $4\frac{2}{3}$

   ✗ 2. $4\frac{3}{5}$

   ✗ 3. $3\frac{1}{3}$

   ✗ 4. $3\frac{1}{5}$

Question ID : **81616113980**

Status : **Answered**
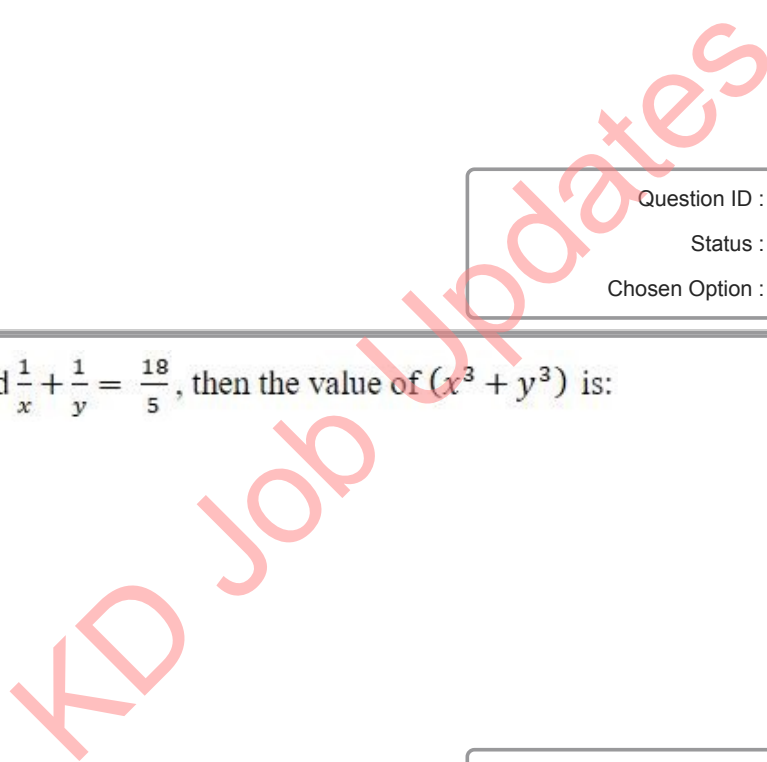
Chosen Option : **1**

Q.13 The value of $25 \div 15 \ of \ 4 \times [4 \div 5 \times (9-7)] - (20 \div 5 \ of \ 9)$ is:

Ans

✗ 1. $\dfrac{4}{9}$

✗ 2. $\dfrac{2}{3}$

✗ 3. $\dfrac{1}{3}$

✔ 4. $\dfrac{2}{9}$

Question ID : **81616113970**

Status : **Answered**

Chosen Option : **4**

Q.14 The following Bar Graph represents the Production of Fertilizers by Company A and Company B (in 10000 tonnes) Over the Years from 2005 to 2010. The X-axis represents the years, and the Y-axis represents the Production of Fertilizers (in 10000 tonnes).

(*Note: The data shown below is only for mathematical exercise. They do not represent the actual figures of the companies*)
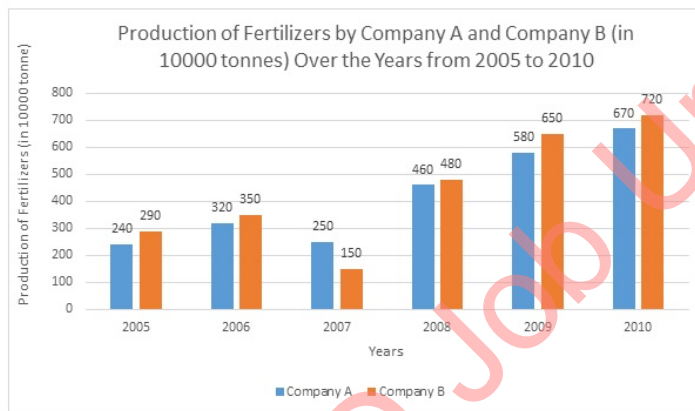
What is the average production (in 10000 tonnes) of fertilizers in 2008, 2009 and 2010 of Company A?

Ans

✗ 1. 590

✗ 2. 600

✗ 3. 620

✔ 4. 570

Question ID : **81616112374**

Status : **Answered**

Chosen Option : **4**

Q.15 In a circle with centre O, AB and CD are two parallel chords on the same side of the diameter. If AB = 12 cm, CD = 18 cm and distance between the chords AB and CD is 3 cm, then find the radius of the circle (in cm).

Ans

✗ 1. 15

✗ 2. 12

✔ 3. $3\sqrt{13}$

✗ 4. 9

Question ID : **81616112873**

Status : **Answered**

Chosen Option : **3**

Q.16 A certain sum amounts to ₹291600 in 2 years and to ₹314928 in 3 years on compound interest compounded annually. How much will be the simple interest (in ₹) on ₹40000 at the same rate for 2 years?

Ans

✗ 1. 7500

✔ 2. 6400

✗ 3. 8000

✗ 4. 9600

Question ID : **81616112865**

Status : **Answered**

Chosen Option : **2**

Q.17 △ ABC is incribed in a circle with center O, such that ∠ ACB = 115 ° . O is joined to A. What is the measure of ∠ OAB?

Ans

✗ 1. 30°

✗ 2. 20°

✔ 3. 25°

✗ 4. 35 °

Question ID : **81616114185**

Status : **Answered**

Chosen Option : **3**

Q.18 The average height of some students in a group is 156 cm. If 5 students of average height 160 cm join the group, then the average height of all the students in the group increases by 0.8 cm. What is the number of students in the group, initially?

Ans

✔ 1. 20

✗ 2. 10

✗ 3. 25

✗ 4. 15

Question ID : **81616114173**

Status : **Answered**

Chosen Option : **1**

Q.19 The value of $4(\sin^4 30° + \cos^4 30°) - 3(\sin^2 45° - 2\cos^2 45°)$ is:

Ans ✗ 1. 1

✓ 2. 4

✗ 3. 2

✗ 4. 0

Question ID : **81616114190**

Status : **Answered**

Chosen Option : **3**

Q.20 If $x^2 + 4y^2 = 53$ and $x - 2y = 5$, then what is the value of $x^3 - 8y^3$?

Ans ✗ 1. -85

✓ 2. 335

✗ 3. 155

✗ 4. 85

Question ID : **81616112871**

Status : **Answered**

Chosen Option : **2**

Q.21 A boat goes 27 km upstream and 33 km downstream in 6 hours. In the same time it can go 36 km upstream and 22 km downstream. How much time will it take to go 36 km upstream and 44 km downstream?

Ans ✓ 1. 8 h

✗ 2. 8 h 10 m

✗ 3. 7 h 50 m

✗ 4. 8 h 30 m

Question ID : **81616112463**

Status : **Answered**

Chosen Option : **1**

Q.22 If $p - 2q = 3$ and $pq = 5$, then what is the value of $(p^3 - 8q^3)$?

Ans ✗ 1. -63

✓ 2. 117

✗ 3. 72

✗ 4. 27

Question ID : **81616112466**

Status : **Answered**

Chosen Option : **2**

Q.23 The given bar graph shows the imports and exports (in crore ₹) of steel for 5 years from 2014 to 2018.
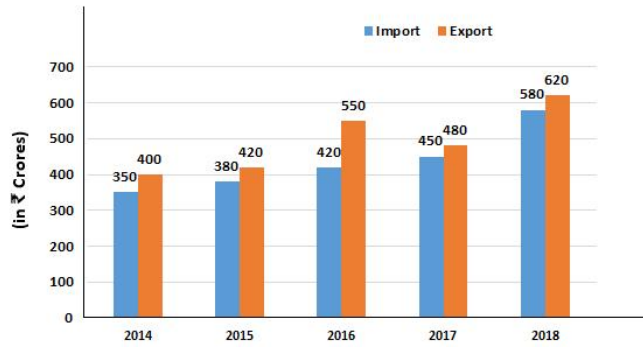
What is the ratio of average export to average import over the five years?

Ans

✗ 1. $109 : 247$

✗ 2. $218 : 247$

✗ 3. $247 : 109$

✔ 4. $247 : 218$

Question ID : **81616113587**
Status : **Answered**
Chosen Option : **4**

Q.24 Samir and Puneet can complete the same work in 10 days and 15 days respectively. The work was assigned for ₹4500. After working together for 3 days Samir and Puneet involved Ashok. The work was completed in total 5 days. What amount (in ₹) was paid to Ashok?

Ans

✔ 1. 750

✗ 2. 1500

✗ 3. 1071

✗ 4. 800

Question ID : **81616112866**
Status : **Answered**
Chosen Option : **2**

Q.25 A trader bought two articles for ₹490. He sold one at a loss of 20% and the other at a profit of 16%. If the selling price of both articles is same, then the cost price (in ₹) of the article sold at 20% loss is:

Ans

✔ 1. 290

✗ 2. 310

✗ 3. 280

✗ 4. 300

Question ID : **81616113974**
Status : **Answered**
Chosen Option : **1**

Section : **English Comprehension**

Q.1 Select the most appropriate synonym of the given word.

Adjust

Ans ✗ 1. Change

✗ 2. Shift

✓ 3. Adapt

✗ 4. Move

Question ID : **81616114210**

Status : **Answered**

Chosen Option : **3**

Q.2 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. Whichever soonest made a traveller take off his cloak should be accounted the more powerful.
B. They agreed to put the point to test.
C. A dispute once arose between the wind and the sun to decide which was the stronger of the two.
D. The wind began, and blew with all his might and sent a blast, cold and fierce as a storm.

Ans ✗ 1. CDBA

✗ 2. ACDB

✓ 3. CBAD

✗ 4. BCDA

Question ID : **81616114006**

Status : **Answered**

Chosen Option : **3**

Q.3 Select the most appropriate synonym of the given word.

Slack

Ans ✗ 1. Active

✗ 2. Lively

✓ 3. Careless

✗ 4. Keen

Question ID : **81616114211**

Status : **Answered**

Chosen Option : **3**

Q.4 Select the option that can be used as a one-word substitute for the given group of words.

A place in a large institution, for the care of those who are ill

Ans ✗ 1. Hostel

✓ 2. Infirmary

✗ 3. Hangar

✗ 4. Dormitory

Question ID : **81616112903**

Status : **Answered**

Chosen Option : **4**

Q.5 **Select the option that will substitute the underlined part of the given sentence. In case no substitution is needed, select 'No substitution required'.**

Among applied sciences, medicine <u>is one which have given</u> man some power over death.

Ans ✗ 1. No substitution required

✗ 2. is the one which gave

✗ 3. are one which given

✓ 4. is one which has given

Question ID : **81616114201**
Status : **Answered**
Chosen Option : **4**

Q.6 **Select the most appropriate ANTONYM of the given word.**

Hazard

Ans ✓ 1. Safety

✗ 2. Peril

✗ 3. Risk

✗ 4. Gamble

Question ID : **81616114010**
Status : **Answered**
Chosen Option : **1**

Q.7 **Select the option that expresses the given sentence in reported speech.**

"Is the door closed?" Alka asked Tarun.

Ans ✗ 1. Alka asked Tarun is the door close.

✗ 2. Alka asked Tarun if the door is closed.

✗ 3. Alka asked Tarun whether she closed the door.

✓ 4. Alka asked Tarun whether the door was closed.

Question ID : **81616114199**
Status : **Answered**
Chosen Option : **4**

Q.8 **Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.**

A. I was shocked to find my house unlocked.
B. To my astonishment, I found that my son, who had a spare key, had come in my absence.
C. Last Sunday I returned home late at night.
D. I ran inside in fear that my house has been robbed.

Ans ✗ 1. CDAB

✓ 2. CADB

✗ 3. BCDA

✗ 4. ABCD

Question ID : **81616112492**
Status : **Answered**
Chosen Option : **2**

Q.9 Select the INCORRECTLY spelt word.

Ans   ✗ 1. Electronics

       ✓ 2. Dillemma

       ✗ 3. Professional

       ✗ 4. Perpetuate

Question ID : **81616114017**

Status : **Answered**

Chosen Option : **2**

Q.10 Select the most appropriate meaning of the given idiom.

At the eleventh hour

Ans   ✗ 1. At 11:00 a.m.

       ✗ 2. At 11:00 p.m.

       ✓ 3. At the very last minute

       ✗ 4. One hour before midnight

Question ID : **81616112497**

Status : **Answered**

Chosen Option : **3**

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.

Raman putted the vegetables / in the frying pan / and after adding some water, / closed the lid.

Ans   ✗ 1. and after adding some water

       ✗ 2. closed the lid

       ✗ 3. in the frying pan

       ✓ 4. Raman putted the vegetables

Question ID : **81616112884**

Status : **Answered**

Chosen Option : **4**

Q.12 Select the option that can be used as a one-word substitute for the given group of words.

A group of stars

Ans   ✗ 1. Congregation

       ✗ 2. Astronomy

       ✗ 3. Planets

       ✓ 4. Constellation

Question ID : **81616112904**

Status : **Answered**

Chosen Option : **4**

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.

The recruiters / were pleased / to John's / domain knowledge and personality.

Ans ✗ 1. The recruiters

✓ 2. to John's

✗ 3. domain knowledge and personality

✗ 4. were pleased

Question ID : **81616112479**
Status : **Answered**
Chosen Option : **2**

Q.14 Select the most appropriate ANTONYM of the given word.

Magnificent

Ans ✓ 1. Modest

✗ 2. Mighty

✗ 3. Grandiose

✗ 4. Opulent

Question ID : **81616112496**
Status : **Answered**
Chosen Option : **1**

Q.15 Select the most appropriate option to substitute the underlined segment in the given
sentence. If no substitution is required, select 'No substitution required'.

I asked Rahul that how far was his office from his home.

Ans ✗ 1. that how far his office is

✓ 2. how far his office was

✗ 3. No substitution required

✗ 4. then how far was his office

Question ID : **81616112887**
Status : **Answered**
Chosen Option : **2**

Q.16 Select the INCORRECTLY spelt word.

Ans ✗ 1. Competency

✗ 2. Processing

✓ 3. Photgraph

✗ 4. Boundary

Question ID : **81616114016**
Status : **Answered**
Chosen Option : **3**

Q.17 Select the most appropriate option to fill in the blank.

My New Year's _____ is to think positive always.

Ans ✔ 1. resolution

✘ 2. repetition

✘ 3. celebration

✘ 4. confession

Question ID : **81616112907**
Status : **Answered**
Chosen Option : **1**

Q.18 Select the most appropriate meaning of the given idiom.

A storm in a teacup

Ans ✘ 1. Unnecessary tension

✘ 2. Disarranging the cutlery

✔ 3. Lot of fuss that will soon be forgotten

✘ 4. A sudden storm during teatime

Question ID : **81616112498**
Status : **Answered**
Chosen Option : **1**

Q.19 Select the option that expresses the given sentence in passive voice.

Help the needy people.

Ans ✘ 1. The needy people are been helped.

✔ 2. Let the needy people be helped.

✘ 3. The needy people are helping.

✘ 4. Let the needy people being helped.

Question ID : **81616112885**
Status : **Answered**
Chosen Option : **2**

Q.20 Select the most appropriate option to fill in the blank.

We _____ the marks of the students on different subjects and compared their performance for the year.

Ans ✘ 1. questioned

✘ 2. probed

✘ 3. inspected

✔ 4. analysed

Question ID : **81616114221**
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 blank.

"Everything in Bhutan is chemical-free, all fruits and vegetables are (1)_____ organically, so whatever you buy is (2)_____ farm produced as the (3)_____ of the population indulge in farming for (4)_____," says my taxi driver Karma Chime. "We use turmeric on wounds, also to dye (5)_____ and it is added extensively in our cooking. Also, many believe it is anti-cancer and can treat tumours.

SubQuestion No : 21

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

Ans ✔ 1. grown

✘ 2. grow

✘ 3. grows

✘ 4. grew

Question ID : **81616114001**
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 blank.

"Everything in Bhutan is chemical-free, all fruits and vegetables are (1)_____ organically, so whatever you buy is (2)_____ farm produced as the (3)_____ of the population indulge in farming for (4)_____," says my taxi driver Karma Chime. "We use turmeric on wounds, also to dye (5)_____ and it is added extensively in our cooking. Also, many believe it is anti-cancer and can treat tumours.

SubQuestion No : 22

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

Ans ✔ 1. locally

✘ 2. nearby

✘ 3. closely

✘ 4. nearly

Question ID : **81616114002**
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 blank.

"Everything in Bhutan is chemical-free, all fruits and vegetables are (1)_____ organically, so whatever you buy is (2)_____ farm produced as the (3)_____ of the population indulge in farming for (4)_____," says my taxi driver Karma Chime. "We use turmeric on wounds, also to dye (5)_____ and it is added extensively in our cooking. Also, many believe it is anti-cancer and can treat tumours.

SubQuestion No : 23

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

Ans   ✗ 1. common

  ✗ 2. mass

  ✓ 3. majority

  ✗ 4. community

Question ID : **81616114003**
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 blank.
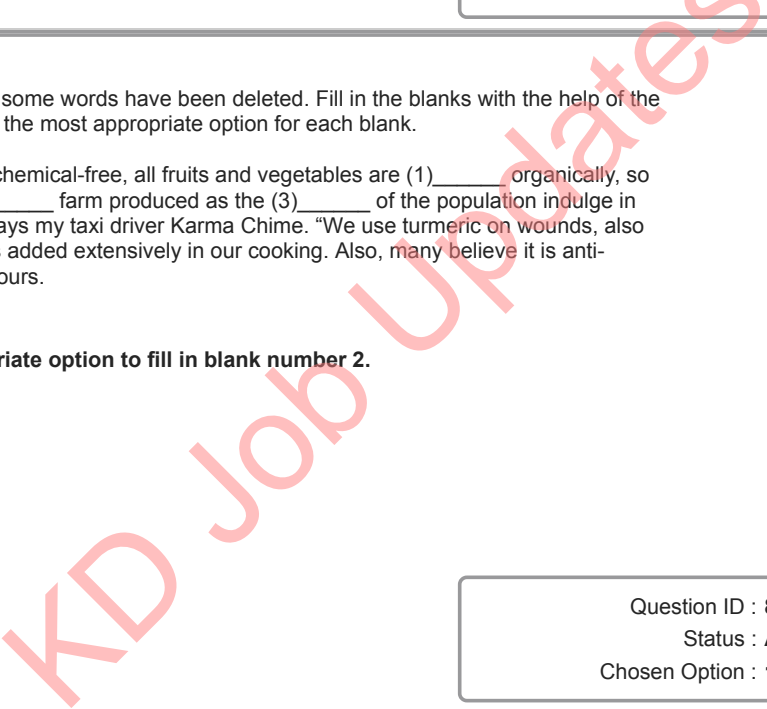
"Everything in Bhutan is chemical-free, all fruits and vegetables are (1)_____ organically, so whatever you buy is (2)_____ farm produced as the (3)_____ of the population indulge in farming for (4)_____," says my taxi driver Karma Chime. "We use turmeric on wounds, also to dye (5)_____ and it is added extensively in our cooking. Also, many believe it is anti-cancer and can treat tumours.

SubQuestion No : 24

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

Ans   ✗ 1. nutrition

  ✓ 2. sustenance

  ✗ 3. conservation

  ✗ 4. provision

Question ID : **81616114004**
Status : **Answered**
Chosen Option : **2**

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 blank.
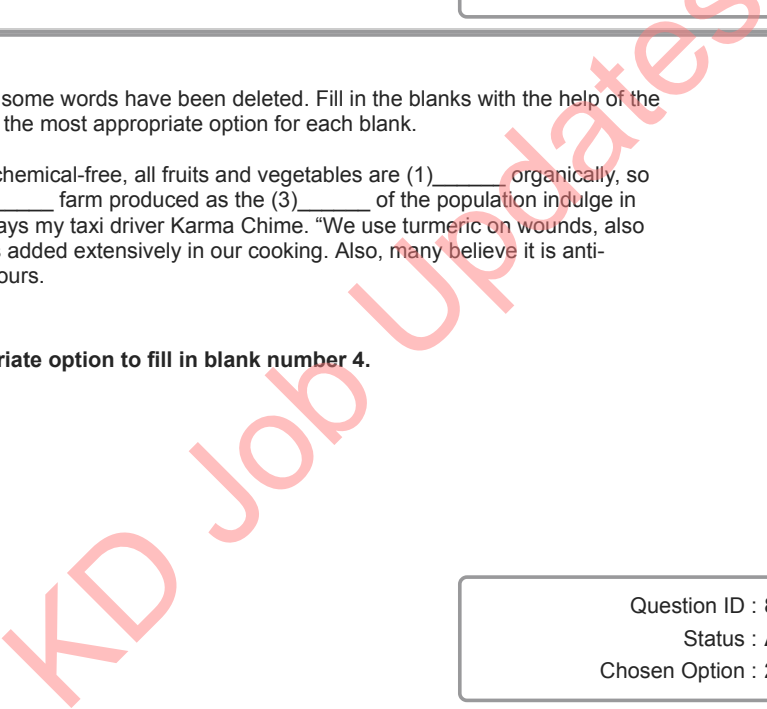
"Everything in Bhutan is chemical-free, all fruits and vegetables are (1)_____ organically, so whatever you buy is (2)_____ farm produced as the (3)_____ of the population indulge in farming for (4)_____," says my taxi driver Karma Chime. "We use turmeric on wounds, also to dye (5)_____ and it is added extensively in our cooking. Also, many believe it is anti-cancer and can treat tumours.

SubQuestion No : 25

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

Ans ✗ 1. covering

✗ 2. attires

✗ 3. fashions

✓ 4. garments

Question ID : **81616114005**
Status : **Answered**
Chosen Option : **4**

Combined Graduate Level Examination 2020 Tier-I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	17/08/2021
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Graduate Level Examination 2020 Tier 1

Section : **General Intelligence and Reasoning**

Q.1 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(15, 315, 7)

Ans ✗ 1. (11, 188, 6)

✗ 2. (17, 401, 12)

✗ 3. (14, 197, 4)

✓ 4. (18, 486, 9)

Question ID : **81616113731**
Status : **Answered**
Chosen Option : **4**

Q.2 Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the equation.

1496 * 8 * 13 * 40 * 5 * 0

Ans ✓ 1. ÷, +, −, ×, =

✗ 2. ÷, +, =, −, ×

✗ 3. ÷, −, +, ×, =

✗ 4. ÷, ×, =, +, −

Question ID : **81616113531**
Status : **Answered**
Chosen Option : **1**

Q.3 Find the number of triangles in the given figure.

Ans ✗ 1. 22
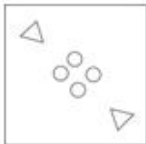
✗ 2. 23

✔ 3. 24

✗ 4. 20

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.
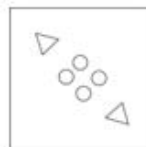
Q.5 Select the letter from among the given options that can replace the question mark (?) in the following series.

P, N, J, H, ?

Ans ✗ 1. B

✗ 2. E

✔ 3. D

✗ 4. C

Question ID : **81616112412**
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 cards are postcards.
Some cards are envelopes.
All envelopes are copies.

Conclusions:
I. Some copies are envelopes.
II. Some postcards are copies.
III. Some cards are copies.

Ans ✗ 1. Only conclusions II and III follow

✔ 2. Only conclusions I and III follow

✗ 3. Only conclusion I follows

✗ 4. Only conclusions I and II follow

Question ID : **81616113727**
Status : **Answered**
Chosen Option : **2**

Q.7 P is the brother of Q. S is the father of P. R is the brother of S. If T is the mother of R, then how is P related to T?

Ans ✗ 1. Brother

✗ 2. Uncle

✔ 3. Grandson

✗ 4. Father

Question ID : **81616112413**
Status : **Answered**
Chosen Option : **3**

Q.8 Select the Venn diagram that best illustrates the relationship between the following classes.

Brothers, Fathers, Tax-payers

Ans

✗ 1.

✗ 2.

✗ 3.

✔ 4.
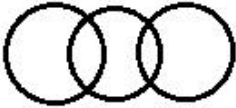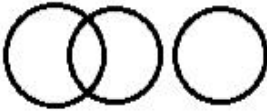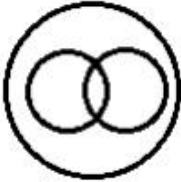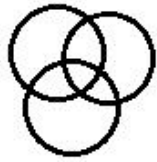
Question ID : **81616113741**

Status : **Answered**

Chosen Option : **4**

Q.9 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

WUW, TSV, QQU, NOT, ?

Ans ✗ 1. JNT

✗ 2. LNT

✗ 3. MNS

✔ 4. KMS

Question ID : **81616112404**

Status : **Answered**

Chosen Option : **4**

Q.10 Select the correct mirror image of the given figure when the mirror is placed at 'AB' as shown.

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.
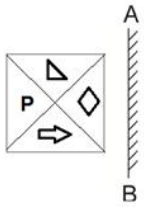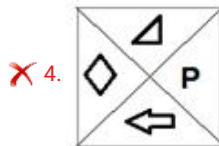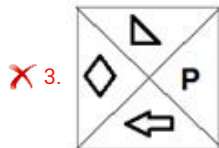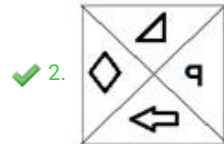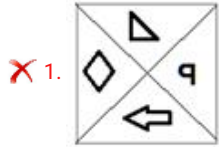
Question ID : **81616112426**
Status : **Answered**
Chosen Option : **2**

Q.11 In a certain code language, 'MARGIN' is written as 'SBNOJH'. How will 'PRAYER' be written in that language?

Ans

✗ 1. QSBSFZ

✗ 2. BSQQFZ

✗ 3. BSQZFS

✔ 4. BSQSFZ

Question ID : **81616113723**
Status : **Answered**
Chosen Option : **4**

Q.12 Select the options in which the numbers are related in the same way as are the numbers of the following set.

(541, 14, 737)

Ans ✗ 1. (635, 18, 924)

✔ 2. (697, 13, 866)

✗ 3. (832, 8, 895)

✗ 4. (432, 25, 1108)

Q.13 Select the option that is related to the fourth number in the same way as the first number is related to the second number and the fifth number is related to the sixth number.

1008 : 8 :: ? : 6 :: 220 : 4

Ans ✗ 1. 443

✔ 2. 518

✗ 3. 524

✗ 4. 350

Q.14 Select the option that is related to the third word in the same way as the second word is related to the first word.

Cartridge : Printer :: Motherboard : ?

Ans ✗ 1. Keyboard

✗ 2. Machine

✗ 3. Monitor

✔ 4. Central Processing Unit

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

24, 48, 51, 204, 209, ?

Ans ✔ 1. 1254

✗ 2. 1047

✗ 3. 215

✗ 4. 416

Q.16 In a certain code language, 'REASON' is coded as '5410219' and 'HEALTHY' is coded as '716231216'.How will 'DIVULGE' be coded in that language?

Ans ✗ 1. 10733494

✓ 2. 21433438

✗ 3. 13704349

✗ 4. 24134383

Q.17 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different.

Ans ✗ 1. 461 : 20

✓ 2. 182 : 12

✗ 3. 239 : 14

✗ 4. 305 : 16

Q.18 Select the option in which the given figure is embedded (rotation is NOT allowed).

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.
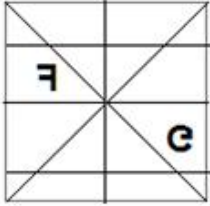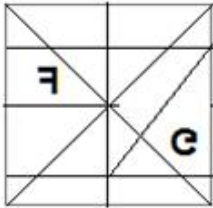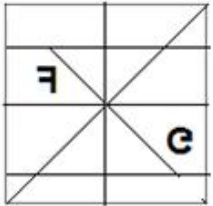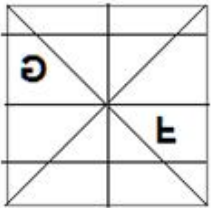
Q.19 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Introduce
2. Internship
3. Interaction
4. Interjection
5. Intervene
6. Interruption

Ans ✘ 1. 3, 4, 2, 6, 1, 5

✘ 2. 3, 4, 2, 5, 6, 1

✔ 3. 3, 4, 2, 6, 5, 1

✘ 4. 3, 2, 4, 6, 5, 1

Q.20 Rajesh purchased 6 mangoes, 3 bananas and 10 guavas in ₹136. If the ratio of the cost (per piece) of mangoes, bananas and guavas is 3 : 2 : 1, what will be the total cost of 1 mango, 2 bananas and 3 guavas?

Ans   ✗ 1. ₹27

   ✗ 2. ₹38

   ✓ 3. ₹40

   ✗ 4. ₹46

Question ID : **81616112421**
Status : **Answered**
Chosen Option : **3**

Q.21 Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different.

Ans   ✗ 1. Turmoil

   ✗ 2. Contention

   ✗ 3. Agitation

   ✓ 4. Tranquillity

Question ID : **81616113518**
Status : **Answered**
Chosen Option : **4**

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

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.
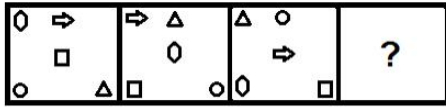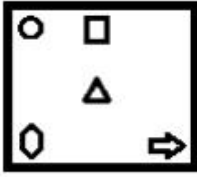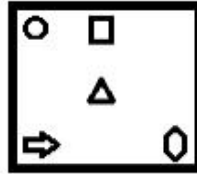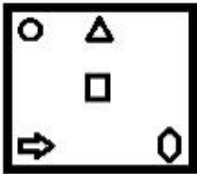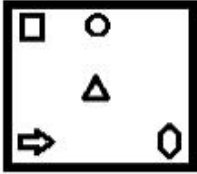
Question ID : **81616114038**
Status : **Answered**
Chosen Option : **2**

Q.23 Select the option in which the words share the same relationship as that shared by the given pair of words.

Cricket : Shikhar Dhawan

Ans ✗ 1. Kabaddi : Rani Rampal

✗ 2. Wrestling : Dipa Karmakar

✗ 3. Chess : Saina Nehwal

✔ 4. Boxing : Mary Kom

Question ID : **81616112409**
Status : **Answered**
Chosen Option : **4**

Q.24 Two different positions of the same dice are shown, the six faces of which are marked from A to F. Select the letter that will be on the face opposite to the face showing the letter 'C'.
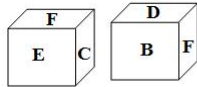
Ans
✗ 1. F

✗ 2. A

✗ 3. D

✔ 4. B

Question ID : **81616113535**
Status : **Answered**
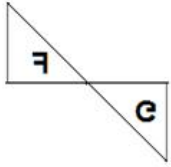Chosen Option : **4**

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. LQW

✗ 2. TYE

✗ 3. NSY

✔ 4. PUB

Question ID : **81616114022**
Status : **Answered**
Chosen Option : **4**

Section : **General Awareness**

Q.1 Who among the following persons was announced as the head of the Committee to protect language, culture and land in Ladakh by the Central Government in January 2021?

Ans
✔ 1. G Kishan Reddy

✗ 2. Piyush Goyal

✗ 3. Arjun Munda

✗ 4. Raj Kumar Singh

Question ID : **81616113541**
Status : **Answered**
Chosen Option : **1**

Q.2 Which two great footballers, who were members of the gold medal winning team of 1962 Asian Games, passed away in 2020?

Ans
✗ 1. Ram Bahadur and Jarnail Singh

✗ 2. Krishanu Dey and C Prasad

✔ 3. Chuni Goswami and PK Banerjee

✗ 4. Yousuf Khan and TA Rahaman

Question ID : **81616114069**
Status : **Answered**
Chosen Option : **1**

Q.3 Which of the following is one of the three 'Domestic Systemically Important Banks' in India?

Ans ✅ 1. State Bank of India (SBI)

❌ 2. Federal Bank

❌ 3. RBL Bank

❌ 4. Axis Bank

Question ID : **81616113543**
Status : **Answered**
Chosen Option : **1**

Q.4 In which of the following years was the Indian Association established?

Ans ✅ 1. 1876

❌ 2. 1881

❌ 3. 1903

❌ 4. 1856

Question ID : **81616113553**
Status : **Not Answered**
Chosen Option : **--**

Q.5 Who among the following wrote the basic text of Vaisheshika philosophy?

Ans ✅ 1. Kanada

❌ 2. Shankaracharya

❌ 3. Patanjali

❌ 4. Jaimini

Question ID : **81616113742**
Status : **Answered**
Chosen Option : **1**

Q.6 एक व्यक्ति का वैदिक दृष्टिकोण और समाज से उसका संबंध जीवन के चार उद्देश्यों से निर्धारित होता है। निम्न में से कौन-सा इन उद्देश्यों में से एक नहीं है?

Ans ✅ 1. सिद्धि

❌ 2. अर्थ

❌ 3. मोक्ष

❌ 4. धर्म

Question ID : **81616113754**
Status : **Answered**
Chosen Option : **2**

Q.7 Which of the following elements' salts are most soluble?

Ans ✗ 1. Lithium

   ✓ 2. Sodium

   ✗ 3. Rubidium

   ✗ 4. Potassium

Question ID : **81616112437**
Status : **Answered**
Chosen Option : **2**

Q.8 Pushyabhuti, who ruled from Thaneswar, was the founder of _____ dynasty.

Ans ✓ 1. Vardhana

   ✗ 2. Chera

   ✗ 3. Pandya

   ✗ 4. Chalukya

Question ID : **81616112443**
Status : **Answered**
Chosen Option : **1**

Q.9 All matches of the 2020-21 edition of Hero Indian Super League are being played in which of the following states?

Ans ✗ 1. West Bengal

   ✗ 2. Karnataka

   ✓ 3. Goa

   ✗ 4. Kerala

Question ID : **81616114065**
Status : **Answered**
Chosen Option : **1**

Q.10 In which of the following states is the Bhitarkanika National Park situated?

Ans ✗ 1. Kerala

   ✗ 2. Meghalaya

   ✗ 3. Goa

   ✓ 4. Odisha

Question ID : **81616113549**
Status : **Answered**
Chosen Option : **4**

Q.11 Which of the following Articles of the Constitution of India adopted Hindi in Devanagari script as the official language of the Union?

Ans ✔ 1. Article 343 (1)

✘ 2. Article 231

✘ 3. Article 108

✘ 4. Article 123

Question ID : **81616113558**
Status : **Answered**
Chosen Option : **1**

Q.12 _____ is the ability of a single cell to produce a fertile, adult individual.

Ans ✘ 1. Pluripotency

✔ 2. Totipotency

✘ 3. Cloning

✘ 4. Mutation

Question ID : **81616113546**
Status : **Answered**
Chosen Option : **4**

Q.13 Whose administration became a model that was followed by Akbar when he consolidated the Mughal Empire?

Ans ✔ 1. Sher Shah Suri

✘ 2. Ghiyas ud din Balban

✘ 3. Iltutmish

✘ 4. Bahlul Lodi

Question ID : **81616113757**
Status : **Answered**
Chosen Option : **1**

Q.14 Which of the following is another name for 'white ant'?

Ans ✔ 1. Termite

✘ 2. Mosquito

✘ 3. Wasp

✘ 4. Housefly

Question ID : **81616114050**
Status : **Answered**
Chosen Option : **1**

Q.15 Who wrote the book 'The Quest for Equity in Development'?

Ans ✗ 1. Amartya Sen

✗ 2. Montek Singh Ahluwalia

✗ 3. Raghuram Rajan

✓ 4. Manmohan Singh

Question ID : **81616112446**
Status : **Answered**
Chosen Option : **3**

Q.16 Which of the following is NOT a greenhouse gas?

Ans ✓ 1. Helium

✗ 2. Water vapour

✗ 3. Surface level ozone

✗ 4. Nitrous oxide

Question ID : **81616113746**
Status : **Marked For Review**
Chosen Option : **4**

Q.17 Almost 98% of Earth's crust is made up of eight elements. Which of the following does NOT figure among these elements?

Ans ✓ 1. Carbon

✗ 2. Oxygen

✗ 3. Calcium

✗ 4. Silicon

Question ID : **81616114056**
Status : **Answered**
Chosen Option : **3**

Q.18 What do you call the amount of monetary or other returns, either earned or unearned, accruing over a period of time?

Ans ✗ 1. Price

✗ 2. Value

✗ 3. Services

✓ 4. Income

Question ID : **81616112431**
Status : **Not Answered**
Chosen Option : **--**

Q.19 Till 20 January 1972, which present-day Indian state was known as the North-East Frontier Agency (NEFA)?

Ans ✗ 1. Assam

✗ 2. Nagaland

✓ 3. Arunachal Pradesh

✗ 4. Sikkim

Question ID : **81616112439**
Status : **Answered**
Chosen Option : **4**

Q.20 What is represented by the product of force with displacement in the direction of force?

Ans ✗ 1. Momentum

✗ 2. Power

✗ 3. Impulse

✓ 4. Work

Question ID : **81616113749**
Status : **Answered**
Chosen Option : **4**

Q.21 In which year did Atal Bihari Vajpayee undertake a bus journey to Lahore to sign a Peace Declaration?

Ans ✗ 1. 1994

✗ 2. 1991

✓ 3. 1999

✗ 4. 1997

Question ID : **81616112448**
Status : **Answered**
Chosen Option : **3**

Q.22 How is Dhanpat Rai Srivastava better known as?

Ans ✗ 1. Agyeya

✗ 2. Dinkar

✗ 3. Nirala

✓ 4. Premchand

Question ID : **81616114061**
Status : **Answered**
Chosen Option : **4**

Q.23 Which of the following countries will host the 2022 FIFA World Cup?

Ans ✗ 1. Brazil

✔ 2. Qatar

✗ 3. Russia

✗ 4. The US

Q.24 In January 2021, who among the following was appointed as the President of the Asian Cricket Council?

Ans ✗ 1. Sourav Ganguly

✗ 2. Rahul Dravid

✔ 3. Jay Shah

✗ 4. Anil Kumble

Q.25 In October 2020, the world's longest highway tunnel was inaugurated in the state of _____.

Ans ✗ 1. Uttar Pradesh

✗ 2. Arunachal Pradesh

✔ 3. Himachal Pradesh

✗ 4. Madhya Pradesh

Section : **Quantitative Aptitude**

Q.1 In a circle with centre O, PAX and PBY are the tangents to the circle at points A and B, from an external point P. Q is any point on the circle such that $\angle QAX = 59°$ and $\angle QBY = 72°$. What is the measure of $\angle AQB$?

Ans ✗ 1. $31°$

✗ 2. $72°$

✗ 3. $59°$

✔ 4. $49°$

Q.2 By selling an article for ₹640, a person loses 15% of its selling price. At what price (in ₹) should he sell it to gain 15% on its cost price?

Ans
✘ 1. 835

✘ 2. 832

✘ 3. 836.60

✔ 4. 846.40

Question ID : **81616114075**
Status : **Answered**
Chosen Option : **4**

Q.3 If $a^2 + c^2 + 17 = 2(a - 8b - 2b^2)$, then what is the value of $(a^3 + b^3 + c^3)$?

Ans
✘ 1. 9

✔ 2. -7

✘ 3. 10

✘ 4. -4

Question ID : **81616113779**
Status : **Answered**
Chosen Option : **2**

Q.4 The average of 8 consecutive even numbers written in ascending order is 17. What is the average of the last three numbers, 36 and 53?

Ans
✘ 1. 32.2

✘ 2. 29.8

✘ 3. 31.6

✔ 4. 31

Question ID : **81616112456**
Status : **Answered**
Chosen Option : **4**

Q.5 The marked price of an article is ₹1500. A shopkeeper sells it by giving 20% discount on its marked price. If the cost price of the article is ₹991, then his profit (in ₹) is:

Ans
✘ 1. 319

✘ 2. 189

✘ 3. 229

✔ 4. 209

Question ID : **81616113770**
Status : **Answered**
Chosen Option : **4**

Q.6 If $\left(54\sqrt{2}\,x^3 + 24\sqrt{3}\,y^3\right) \div \left(\sqrt{18}\,x + \sqrt{12}\,y\right) = Ax^2 + By^2 + Cxy$, then what is the value of $A^2 - (B^2 + C^2)$?

Ans
- ✗ 1. 24
- ✗ 2. 12
- ✗ 3. -24
- ✓ 4. -36

Q.7 In △ ABC, D and E are the points on sides AB and AC, respectively and DE || BC. BC = 8 cm and DE = 5 cm. If the area of △ ADE = 45 cm^2 , then what is the area (in cm^2) of △ ABC?

Ans
- ✗ 1. 105.2
- ✓ 2. 115.2
- ✗ 3. 64
- ✗ 4. 125

Q.8 A sum of ₹31866 is divided between A, B and C such that the ratio of shares of A and B is 9 : 8 and that of A and C is 4 : 5. The share (in ₹) of B is:

Ans
- ✓ 1. 9024
- ✗ 2. 8460
- ✗ 3. 10152
- ✗ 4. 12690

Q.9 A takes 8 hours more than the time taken by B to cover a distance of 160 km. If A doubles his speed, he takes 3 hours more than B to cover the same distance. The speed (in km/h) of B is :

Ans
- ✗ 1. 72
- ✓ 2. 80
- ✗ 3. 70
- ✗ 4. 75

Q.10 The table shows the daily income (in ₹) of 50 persons.

Study the table and answer the question:

Income (Rs)	No. of persons
less than 200	12
less than 250	26
less than 300	34
less than 350	40
less than 400	50

How many persons earn ₹200 or more but less than ₹300?

Ans
✗ 1. 12
✔ 2. 22
✗ 3. 8
✗ 4. 38

Question ID : **81616112981**
Status : **Answered**
Chosen Option : **2**

Q.11 Two men and 7 women can complete a work in 28 days whereas 6 men and 16 women can do the same work in 11 days. In how many days can 7 men complete the same work?

Ans
✗ 1. 12
✗ 2. 11
✗ 3. 24
✔ 4. 22

Question ID : **81616113573**
Status : **Answered**
Chosen Option : **4**

Q.12 The curved surface area of a cylinder is 462 cm^2 and its base area is 346.5 cm^2 . What is the volume (in cm^3) of the cylinder? $\left(\text{Use } \pi = \frac{22}{7}\right)$

Ans
✗ 1. 4800
✔ 2. 2425.5
✗ 3. 4850
✗ 4. 2400

Question ID : **81616112464**
Status : **Answered**
Chosen Option : **2**

Q.13 If $\cos(A - B) = \frac{\sqrt{3}}{2}$ and $\cot(A + B) = \frac{1}{\sqrt{3}}$, where A-B and A+B are acute angles, then (2A-3B) is equal to:

Ans ✗ 1. 30°

✓ 2. 45°

✗ 3. 60°

✗ 4. 15°

Q.14 A certain sum becomes ₹13650 at 15% p.a. simple interest after 2 years. What will be the amount (in ₹) of the same sum after 1 year at the same rate of interest, if the interest is compounded half yearly? (nearest to a ₹)

Ans ✗ 1. 13625

✗ 2. 11000

✓ 3. 12134

✗ 4. 10500

Q.15 If $x + y + z = 7$, $x^2 + y^2 + z^2 = 85$ and $x^3 + y^3 + z^3 = 913$, then the value of $\sqrt[3]{xyz}$ is:

Ans ✓ 1. 4

✗ 2. 2

✗ 3. 1

✗ 4. 8

Q.16 Study the following table and answer the question:

Number of students enrolled for Vocational Courses (VC) in institutes A, B, C, D, E & F.

Institutes \ Years	2014	2015	2016	2017	2018
A	110	150	165	180	205
B	120	180	176	200	220
C	140	220	180	175	225
D	125	210	175	180	230
E	150	200	160	200	240
F	165	230	200	220	210

The ratio of the total number of students enrolled for VC in institutes A, C and E in 2015 to the total number of students enrolled in institutes B and D in 2017, is:

Ans

✗ 1. $9:10$

✗ 2. $3:4$

✔ 3. $3:2$

✗ 4. $10:11$

Q.17 A ΔABC has sides 5 cm, 6 cm and 7 cm. AB extended touches a circle at P and AC extended touches the same circle at Q. Find the length (in cm) of AQ.

Ans

✗ 1. 13

✗ 2. 12

✔ 3. 9

✗ 4. 11

Q.18 Find the value of $\frac{3}{4}\cot^2 30° + \cos^2 30° - 3\text{cosec}^2 60° + \tan^2 60°$.

Ans

✗ 1. -4

✗ 2. 10

✔ 3. 2

✗ 4. $\frac{\sqrt{3}}{4}$

Q.19 In a triangle ABC, a point D lies on AB and points E and F lie on BC such that DF is parallel to AC and DE is parallel to AF. If BE = 4 cm, EF = 6cm, then find the length (in cm) of BC.

Ans

✔ 1. 25

✘ 2. 30

✘ 3. 15

✘ 4. 20

Question ID : **81616112471**

Status : **Answered**

Chosen Option : **1**

Q.20 The data given in the table shows the number of students studying in four different disciplines in 5 institutes.

Study the table and answer the question:

Institutes	Arts	Science	Commerce	Computer Science
A	36	48	59	57
B	45	54	55	48
C	55	36	56	51
D	45	48	55	53
E	48	44	52	55

By what percent is the number of students studying Computer Science in institutes A and B more than the number of students studying Arts in institutes B and C?

Ans

✘ 1. 2

✘ 2. 24

✘ 3. 14

✔ 4. 5

Question ID : **81616112983**

Status : **Answered**

Chosen Option : **4**

Q.21 The value of $32 \div 12 \ of \ 3 \times [5 - (15 - 12) \div 9] \ of \ \frac{3}{7} + 4 - 8 \div 2 \ of \ 4$ is:

Ans

✘ 1. $1\frac{7}{9}$

✔ 2. $4\frac{7}{9}$

✘ 3. $3\frac{1}{3}$

✘ 4. $3\frac{1}{6}$

Question ID : **81616114071**

Status : **Answered**

Chosen Option : **2**

Q.22 Study the following table and answer the question:

Number of students enrolled for Vocational Courses (VC) in institutes A, B, C, D, E & F.

Institutes \ Years	2014	2015	2016	2017	2018
A	110	150	165	180	205
B	120	180	176	200	220
C	140	220	180	175	225
D	125	210	175	180	230
E	150	200	160	200	240
F	165	230	200	220	210

The total number of students enrolled for VC in institutes B, C and E in 2015 is x % more than the total number of students enrolled in institutes A, D and F in 2016. The value of x is closest to:

Ans ✗ 1. 10.3

✗ 2. 10.8

✗ 3. 11.8

✔ 4. 11.1

Question ID : **81616113992**
Status : **Not Answered**
Chosen Option : **--**

Q.23 If the seven-digit number $94x29y6$ is divisible by 72, then what is the value of $(2x + 3y)$ for $x \neq y$?

Ans ✗ 1. 35

✗ 2. 21

✔ 3. 37

✗ 4. 23

Question ID : **81616113565**
Status : **Answered**
Chosen Option : **3**

Q.24 A certain number of students from school X appeared in an examination and 20% students failed. From school Y, 130% more students than that from school X, appeared in the same examination. If 90% of the total number of students appeared from from both the schools passed, then what is the percentage of students from school Y who failed (correct to one decimal place)?

Ans ✗ 1. 8.3%

✗ 2. 10%

✗ 3. 6.4%

✔ 4. 5.7%

Question ID : **81616113569**
Status : **Not Answered**
Chosen Option : **--**

Q.25

$$\left(\sqrt{\sec^2 \theta + \csc^2 \theta}\right)\left(\frac{\sin \theta (1+\cos \theta)}{1+\cos \theta - \sin^2 \theta}\right), 0° < \theta < 90°$$

is equal to:

Ans ✗ 1. $\cot \theta$

✗ 2. $\csc^2 \theta$

✔ 3. $\sec^2 \theta$

✗ 4. $\tan \theta$

Question ID : **81616114191**
Status : **Answered**
Chosen Option : **2**

Section : **English Comprehension**

Q.1 Select the most appropriate ANTONYM of the given word.

Stalwart

Ans ✗ 1. Robust

✗ 2. Stout

✔ 3. Cowardly

✗ 4. Firm

Question ID : **81616113809**
Status : **Answered**
Chosen Option : **3**

Q.2 Select the option that can be used as a one-word substitute for the given group of words.

Having no boundaries or limits

Ans ✗ 1. Enormous

✗ 2. Tremendous

✔ 3. Infinite

✗ 4. Colossal

Question ID : **81616113611**
Status : **Answered**
Chosen Option : **3**

Q.3 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. But in snapping at the supposed treasure, he dropped the bit he was carrying, and so lost all.
B. When he was crossing a river on his way home, he saw his own shadow reflected in the stream below.
C. Thinking that it was another dog with another piece of meat, he resolved to make himself master of that also.
D. A dog had stolen a piece of meat out of a butcher's shop.

Ans ✗ 1. DACB

✗ 2. BDCA

✗ 3. ACDB

✔ 4. DBCA

Question ID : **81616114107**
Status : **Answered**
Chosen Option : **4**

Q.4 Select the option that can be used as a one-word substitute for the given group of words.

One who studies the occult meanings of numbers and their supposed influence on human life

Ans ✗ 1. Astronomer

✗ 2. Astrologer

✔ 3. Numerologist

✗ 4. Prophet

Question ID : **81616113610**
Status : **Answered**
Chosen Option : **2**

Q.5 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

Either the bears or the lion <u>has escaped from the zoo</u>.

Ans ✗ 1. have escaped from the zoo

✗ 2. are escaped from the zoo

✔ 3. No substitution

✗ 4. is escaped from the zoo

Question ID : **81616112484**
Status : **Answered**
Chosen Option : **3**

Q.6 Select the option that expresses the given sentence in indirect speech.

"How beautiful she is!" said Betty.

Ans ✗ 1. Betty exclaimed with joy how beautiful she is.

✗ 2. Betty exclaimed with joy she is very beautiful.

✗ 3. Betty exclaimed with joy how beautiful she was.

✓ 4. Betty exclaimed with joy that she was very beautiful.

Question ID : **81616112482**
Status : **Answered**
Chosen Option : **4**

Q.7 Select the INCORRECTLY spelt word.

Ans ✗ 1. Incriminating

✓ 2. Unpretensious

✗ 3. Cancellation

✗ 4. Embodiment

Question ID : **81616114118**
Status : **Answered**
Chosen Option : **2**

Q.8 Select the most appropriate meaning of the given idiom.

Pipe dream

Ans ✗ 1. A dream or idea that is loudly proclaimed

✗ 2. A dream or idea that is nearly accomplished

✓ 3. A dream or idea that is unlikely to happen

✗ 4. A dream or idea that keeps getting repeated

Question ID : **81616113811**
Status : **Answered**
Chosen Option : **3**

Q.9 Select the most appropriate synonym of the given word.

Munch

Ans ✓ 1. Chew

✗ 2. Flew

✗ 3. Burp

✗ 4. Drew

Question ID : **81616112493**
Status : **Answered**
Chosen Option : **1**

Q.10 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution required'.

<u>Hears to</u> the news tonight at 9 p.m., as there will be an important announcement about the budget.

Ans ✗ 1. No substitution required

✗ 2. Listened to

✗ 3. Hear to

✓ 4. Listen to

Question ID : **81616113594**
Status : **Answered**
Chosen Option : **4**

Q.11 Select the option that expresses the given sentence in passive voice.

The man bought a parrot that could speak five languages.

Ans ✗ 1. A parrot that could spoke five languages bought the man.

✗ 2. A parrot that spoken five languages was bought by the man.

✓ 3. A parrot that spoke five languages was bought by the man.

✗ 4. A parrot that spoke five languages had been bought by the man.

Question ID : **81616113592**
Status : **Answered**
Chosen Option : **3**

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

Won't you / please come / to help me / along this heavy box?

Ans ✗ 1. Won't you

✗ 2. to help me

✓ 3. along this heavy box

✗ 4. please come

Question ID : **81616113591**
Status : **Answered**
Chosen Option : **1**

Q.13 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. Most important, however, are its oils, which are extracted, processed, and marketed for culinary, medicinal, and cosmetic uses alike.
B. Coconut products are used to make everything from clothing to animal feed to beauty creams.
C. The coconut is a very useful plant with a wide range of products being sourced from it.
D. Its kernel is harvested for its edible flesh and delicious water, while its husk is used for its strong fibres.

Ans ✔ 1. CBDA

✘ 2. ADBC

✘ 3. BCAD

✘ 4. CADB

Question ID : **81616113805**
Status : **Answered**
Chosen Option : **1**

Q.14 Select the most appropriate meaning of the given idiom.

Herculean task

Ans ✘ 1. A job that only weak people are assigned

✘ 2. A job that makes everyone feel proud

✘ 3. A job that requires a lot of talking and information

✔ 4. A job that requires a large amount of physical strength

Question ID : **81616113810**
Status : **Answered**
Chosen Option : **4**

Q.15 Select the most appropriate ANTONYM of the given word.

Slur

Ans ✔ 1. Compliment

✘ 2. Mixture

✘ 3. Insult

✘ 4. Assortment

Question ID : **81616114111**
Status : **Answered**
Chosen Option : **1**

Q.16 Select the INCORRECTLY spelt word.

Ans ✘ 1. Bouquet

✔ 2. Acquarium

✘ 3. Pledge

✘ 4. Abridge

Question ID : **81616114117**
Status : **Answered**
Chosen Option : **2**

Q.17 Select the most appropriate option to fill in the blank.

Social isolation, overcrowding, the _____ of our society and several other factors are responsible for stress.

Ans ✔ 1. competitiveness

✘ 2. cheapness

✘ 3. attractiveness

✘ 4. affordability

Question ID : **81616113614**
Status : **Answered**
Chosen Option : **1**

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

Termination

Ans ✘ 1. Consolation

✘ 2. Conviction

✘ 3. Conduction

✔ 4. Conclusion

Question ID : **81616112494**
Status : **Answered**
Chosen Option : **4**

Q.19 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 sea has become / an cheap dumping ground / for all kinds / of waste products.

Ans ✘ 1. of waste products

✔ 2. an cheap dumping ground

✘ 3. for all kinds

✘ 4. The sea has become

Question ID : **81616113792**
Status : **Answered**
Chosen Option : **2**

Q.20 Select the most appropriate option to fill in the blank.

Advertisers often use rhyme and _____.

Ans ✘ 1. designation

✘ 2. alteration

✘ 3. denunciation

✔ 4. alliteration

Question ID : **81616112504**
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 blank.

Water, a substance composed of the chemical elements hydrogen and oxygen (1)_____ in gaseous, liquid, and solid states. It is (2)_____ of the most plentiful and essential (3)_____ compounds. A tasteless and odourless liquid at room temperature, it has the important (4)_____ to dissolve many other substances. Indeed, the (5)_____ of water as a solvent is essential to living organisms.

SubQuestion No : 21

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

Ans ✔ 1. exists

✘ 2. lasts

✘ 3. survives

✘ 4. endures

Question ID : **81616114102**
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 blank.

Water, a substance composed of the chemical elements hydrogen and oxygen (1)_____ in gaseous, liquid, and solid states. It is (2)_____ of the most plentiful and essential (3)_____ compounds. A tasteless and odourless liquid at room temperature, it has the important (4)_____ to dissolve many other substances. Indeed, the (5)_____ of water as a solvent is essential to living organisms.

SubQuestion No : 22

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

Ans ✘ 1. unique

✘ 2. lone

✔ 3. one

✘ 4. single

Question ID : **81616114103**
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 blank.

Water, a substance composed of the chemical elements hydrogen and oxygen (1)_____ in gaseous, liquid, and solid states. It is (2)_____ of the most plentiful and essential (3)_____ compounds. A tasteless and odourless liquid at room temperature, it has the important (4)_____ to dissolve many other substances. Indeed, the (5)_____ of water as a solvent is essential to living organisms.

SubQuestion No : 23

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

Ans ✗ 1. by

✗ 2. in

✗ 3. for

✔ 4. of

Question ID : **81616114104**
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 blank.

Water, a substance composed of the chemical elements hydrogen and oxygen (1)_____ in gaseous, liquid, and solid states. It is (2)_____ of the most plentiful and essential (3)_____ compounds. A tasteless and odourless liquid at room temperature, it has the important (4)_____ to dissolve many other substances. Indeed, the (5)_____ of water as a solvent is essential to living organisms.

SubQuestion No : 24

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

Ans ✔ 1. ability

✗ 2. knack

✗ 3. proficiency

✗ 4. competence

Question ID : **81616114105**
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 blank.

Water, a substance composed of the chemical elements hydrogen and oxygen (1)_____ in gaseous, liquid, and solid states. It is (2)_____ of the most plentiful and essential (3)_____ compounds. A tasteless and odourless liquid at room temperature, it has the important (4)_____ to dissolve many other substances. Indeed, the (5)_____ of water as a solvent is essential to living organisms.

SubQuestion No : 25

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

Ans ✗ 1. veracity

✔ 2. versatility

✗ 3. velocity

✗ 4. validity

Combined Graduate Level Examination 2020 Tier-I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	17/08/2021
Exam Time	12:00 PM - 1:00 PM
Subject	Combined Graduate Level Examination 2020 Tier 1

Section : **General Intelligence and Reasoning**

Q.1 In a certain code language 'PAYMENT' is coded as '6101814111520 ' and 'JUSTIFY' is coded as '11141519151620'. How will 'COMPARE' be coded in that language?

Ans ✗ 1. 601811031131

✗ 2. 680113111103

✗ 3. 613101113801

✔ 4. 681013101113

Question ID : **81616112714**
Status : **Not Answered**
Chosen Option : **--**

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 follows from the statements.

Statements:
All camels are bats.
No bat is a parrot.
Some camels are lions.

Conclusions:
I. Some bats are lions.
II. No parrot is a camel.
III. No parrot is a lion.

Ans ✗ 1. Only conclusion II follows

✗ 2. Both conclusions I and III follow

✔ 3. Both conclusions I and II follow

✗ 4. Only conclusion I follows

Question ID : **81616113424**
Status : **Answered**
Chosen Option : **3**

Q.3 Select the option that is related to the fourth number in the same way as the first number is related to the second number and the fifth number is related to the sixth number.

12 : 136 : : ? : 188 : : 24 : 568

Ans   ✗ 1. 26

     ✓ 2. 14

     ✗ 3. 32

     ✗ 4. 41

Question ID : **81616113426**
Status : **Not Answered**
Chosen Option : **--**

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. KPSH

     ✗ 2. JQTG

     ✓ 3. SHLO

     ✗ 4. DWZA

Question ID : **81616113618**
Status : **Not Answered**
Chosen Option : **--**

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

Dermatologist : Skin : Neonatologist : ?

Ans   ✗ 1. Immunity

     ✗ 2. Liver

     ✗ 3. Hormones

     ✓ 4. Infants

Question ID : **81616113620**
Status : **Not Answered**
Chosen Option : **--**

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.
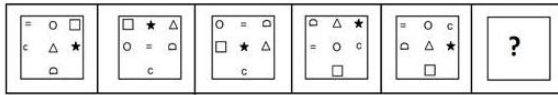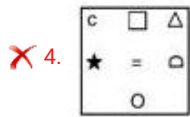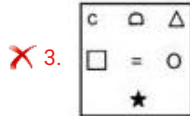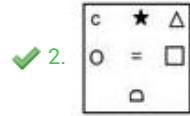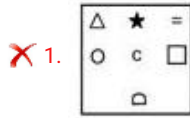
Question ID : **81616113634**
Status : **Not Answered**
Chosen Option : **--**

Q.7 Select the number from among the given options that can replace the question mark (?) in the following series.

5, 11, 25, 55, 117, 243, ?

Ans ✗ 1. 479

✗ 2. 473

✔ 3. 497

✗ 4. 437

Question ID : **81616113627**
Status : **Not Answered**
Chosen Option : **--**

Q.8 Pointing to a player in a stadium, Sanjana said, "He is my paternal grandmother's only son's only son-in-law's son". How is that player's father related to Sanjana?

Ans ✗ 1. Uncle

✗ 2. Cousin

✗ 3. Brother

✔ 4. Husband

Question ID : **81616113120**
Status : **Not Answered**
Chosen Option : **--**

Q.9 Three different positions of the same dice are shown. Select the symbol that will be on the face opposite to the face having 'N'.
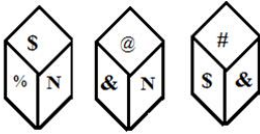
Ans

  ✗ 1. **&**

  ✔ 2. **#**

  ✗ 3. **@**

  ✗ 4. **%**

Q.10 Select the option figure in which the given figure is embedded (rotation is NOT allowed).

Ans

  ✗ 1.

  ✗ 2.

  ✗ 3.

  ✔ 4.
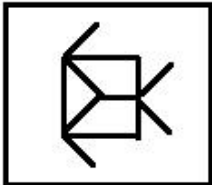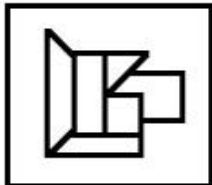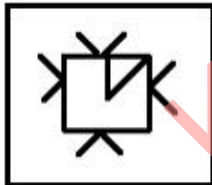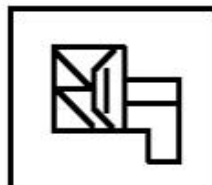
Q.11 Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the equation.

18 * 12 * 4 * 5 * 6 * 53

Ans ✗ 1. ×, ÷, −, +, =

✗ 2. ×, ÷, +, =,−

✔ 3. ×, ÷, +, −, =

✗ 4. ×, ÷, =, +, −

Q.12 Select the set of classes, the relationship among which is best illustrated by the following Venn diagram.
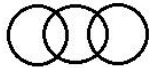
Ans ✗ 1. Vegetarian, Woman, Sisters

✗ 2. Stationary, Pencil, Stapler

✗ 3. Yamuna, Rivers, Kaveri

✔ 4. Girls, Intelligent, Boys

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

3 11 2
5 11 7
13 ? 18

Ans ✗ 1. 31

✗ 2. 27

✔ 3. 29

✗ 4. 33

Q.14 Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different.

Ans ✗ 1. Microphone

✔ 2. Projector

✗ 3. Keyboard

✗ 4. Joy stick

Q.15 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Ecology
2. Enormous
3. Electric
4. Exterior
5. Ecliptic

Ans ✔ 1. 5, 1, 3, 2, 4

✘ 2. 1, 5, 2, 3, 4

✘ 3. 5, 1, 2, 3, 4

✘ 4. 1, 5, 4, 3, 2

Q.16 Find the number of triangles in the given figure.

Ans ✔ 1. 28

✘ 2. 26

✘ 3. 30

✘ 4. 24
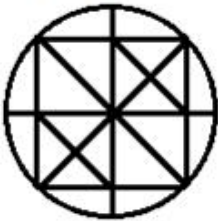
Q.17 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

TALT, YAGT, YFGO, DFBO, DKBJ, ?

Ans ✘ 1. DPBE

✔ 2. IKWJ

✘ 3. IJKW

✘ 4. BDEP

Q.18 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(9, 21, 124)

Ans ✓ 1. (17, 37, 220)

✗ 2. (5, 16, 220)

✗ 3. (14, 58, 112)

✗ 4. (11, 64, 131)

Question ID : **81616112722**
Status : **Not Answered**
Chosen Option : **--**

Q.19 Gautam's present age is equal to 20% of his father's age 15 years ago, and Gaurav's (brother of Gautam) present age is 60% of his father's age 10 years ago. If the sum of Gautam's present age and Gaurav's present age is 31, then find their father's present age.

Ans ✓ 1. 50 years

✗ 2. 55 years

✗ 3. 45 years

✗ 4. 40 years

Question ID : **81616113128**
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.

pq_dh_qmd_p_m_h_q_dh

Ans ✓ 1. m, p, h, q, d, p, m

✗ 2. d, m, m, p, p, h, q

✗ 3. m, p, q, h, d, p, m

✗ 4. d, h, m, m, p, p, q

Question ID : **81616113119**
Status : **Answered**
Chosen Option : **1**

Q.21 In a certain code language, 'PERMIT' is written as 'GRNIVK'. How will 'CONDUCE' be written in that language?

Ans ✓ 1. VXFWMLX

✗ 2. XLMWFXV

✗ 3. VXFMWLX

✗ 4. VFXMWXL

Question ID : **81616113420**
Status : **Not Answered**
Chosen Option : **--**

Q.22 Select the option in which the words share the same relationship as that shared by the given pair of words.

Sympathy : Affinity

Ans ✗ 1. Vivid : Dark

✓ 2. Tranquil : Serene

✗ 3. Tame : Harsh

✗ 4. Vain : Modest

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.

Q.24 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

P
PORTABLE|
Q

Ans

✗ 1. ᑭOᴚ‫ᒋ‬ᐱᗺЯƎ

✗ 2. ƎᒐᗺᐱᴚOᑫ

✔ 3. ƎᒐᗺᐱTᴚOᑫ

✗ 4. ᑭOᴚᐱᒐᗺЯƎ
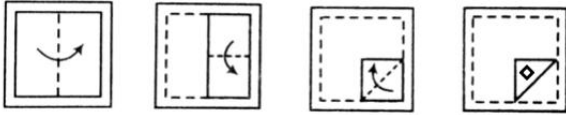
Question ID : **81616113133**
Status : **Answered**
Chosen Option : **3**

Q.25 Three of the following four number pairs are alike in a certain way and one is different. Pick the odd one out.

Ans

✗ 1. 61 : 97

✗ 2. 78 : 127

✔ 3. 56 : 136

✗ 4. 25 : 89

Question ID : **81616112720**
Status : **Not Answered**
Chosen Option : **--**

Section : **General Awareness**

Q.1 Which of the following is one of the main causes of tides?

Ans

✗ 1. Rotation of Earth

✔ 2. Gravitational pull of the Sun and the Moon

✗ 3. Solar flares

✗ 4. Closed orbits of planets

Question ID : **81616113646**
Status : **Answered**
Chosen Option : **2**

Q.2 Which of the following popular kitchen ingredients is called the 'sugar eating fungus'?

Ans

✗ 1. Vinegar

✗ 2. Baking powder

✔ 3. Yeast

✗ 4. Ketchup

Question ID : **81616112738**
Status : **Answered**
Chosen Option : **3**

Q.3 अखिल भारतीय किसान कांग्रेस के प्रथम महासचिव निम्न में से कौन थे?

Ans ✗ 1. आचार्य नरेंद्र देव

✗ 2. स्वामी सहजानन्द सरस्वती

✗ 3. सरदार वल्लभ भाई पटेल

✓ 4. एन.जी. रंगा

Question ID : **81616113454**
Status : **Answered**
Chosen Option : **4**

Q.4 Who among the following wrote 'The Light of Asia: The Poem that Defined the Buddha' that will narrate the phenomenal poem 'The Light of Asia'?

Ans ✗ 1. Shashi Tharoor

✗ 2. Salman Rushdie

✗ 3. Chetan Bhagat

✓ 4. Jairam Ramesh

Question ID : **81616113153**
Status : **Not Answered**
Chosen Option : **--**

Q.5 Who became India's first badminton world champion in 2019?

Ans ✗ 1. Saina Nehwal

✗ 2. Jwala Gutta

✗ 3. Kidambi Srikanth

✓ 4. PV Sindhu

Question ID : **81616113661**
Status : **Answered**
Chosen Option : **4**

Q.6 Mughal Emperor Shah Alam appointed the British East India Company as the Diwan of the province of Bengal in the year _____.

Ans ✗ 1. 1835

✓ 2. 1765

✗ 3. 1917

✗ 4. 1623

Question ID : **81616113451**
Status : **Answered**
Chosen Option : **2**

Q.7 Who won the 2020 Academy Award for 'Performance by an Actor in a Supporting Role'?

Ans ✗ 1. Joaquin Phoenix

✓ 2. Brad Pitt

✗ 3. Tom Hanks

✗ 4. Leonardo DiCaprio

Question ID : **81616113657**
Status : **Answered**
Chosen Option : **3**

Q.8 Who was the President of the Athletics Federation of India as of January 2021?

Ans ✗ 1. Avinash Sable

✓ 2. Adille Sumariwalla

✗ 3. Amrish Kumar

✗ 4. Rajeev Kumar

Question ID : **81616113460**
Status : **Not Answered**
Chosen Option : **--**

Q.9 Who among the following freedom fighters wrote the poem 'Vande Mataram' in 1875?

Ans ✗ 1. Bipin Chandra Pal

✗ 2. Bhagat Singh

✓ 3. Bankim Chandra Chatterjee

✗ 4. Rabindranath Tagore

Question ID : **81616113150**
Status : **Answered**
Chosen Option : **3**

Q.10 Which of the following Indian cities is situated at the banks of Lake Pichola?

Ans ✗ 1. Ahmedabad

✗ 2. Kurnool

✓ 3. Udaipur

✗ 4. Agra

Question ID : **81616113146**
Status : **Answered**
Chosen Option : **2**

Q.11 Which Article of the Constitution of India deals with the 'Pardoning Power of the Governor'?

Ans ✗ 1. Article 150

✗ 2. Article 173

✗ 3. Article 189

✓ 4. Article 161

Question ID : **81616112750**
Status : **Not Answered**
Chosen Option : **--**

Q.12 Melatonin encodes proteins in cells to prevent _____ entry.

Ans ✗ 1. bacterium

✗ 2. protozoan

✗ 3. fungus

✓ 4. virus

Question ID : **81616113446**

Status : **Not Answered**

Chosen Option : **--**

Q.13 Which of the following states ranked first in the Export Preparedness Index 2020 released by Niti Aayog?

Ans ✗ 1. Andhra Pradesh

✗ 2. Telangana

✗ 3. Maharashtra

✓ 4. Gujarat

Question ID : **81616113138**

Status : **Answered**

Chosen Option : **4**

Q.14 Which Mughal prince translated the Upanishads into Persian in 1657?

Ans ✗ 1. Sultan Luftallah

✓ 2. Dara Shikoh

✗ 3. Murad Mirza

✗ 4. Shah Suja

Question ID : **81616112745**

Status : **Answered**

Chosen Option : **2**

Q.15 The river Giri is an important tributary of the _____.

Ans ✗ 1. Brahmaputra

✓ 2. Yamuna

✗ 3. Godavari

✗ 4. Cauvery

Question ID : **81616112741**

Status : **Not Answered**

Chosen Option : **--**

Q.16 SIMBEX is a military exercise conducted between the defense forces of which of the following nations?

Ans ✗ 1. India and Thailand

✓ 2. India and Singapore

✗ 3. India and the US

✗ 4. India and Sri Lanka

Question ID : **81616113665**

Status : **Answered**

Chosen Option : **2**

Q.17 'Margomkali', a ritual folk art form, is from the state of _____.

Ans ✗ 1. Assam

✓ 2. Kerala

✗ 3. Nagaland

✗ 4. Punjab

Question ID : **81616112733**

Status : **Answered**

Chosen Option : **2**

Q.18 The vertebrae are a part of which of the following body systems in humans?

Ans ✗ 1. Kidney

✗ 2. Lungs

✗ 3. Heart

✓ 4. Spinal cord

Question ID : **81616113443**

Status : **Answered**

Chosen Option : **4**

Q.19 What was the theme for the 3rd Global RE-INVEST Renewable Energy Investors Meet & Expo 2020?

Ans ✓ 1. Innovations for Sustainable Energy Transition

✗ 2. Research for Scientific Renewable Energy

✗ 3. Investment for Sustainable Energy Transmission

✗ 4. Solar and Renewable Energy Innovations

Question ID : **81616113144**

Status : **Answered**

Chosen Option : **1**

Q.20 In November 2020, which country became the first in the world to make access to menstrual products a right?

Ans ✗ 1. Wales

✗ 2. Ireland

✓ 3. Scotland

✗ 4. England

Question ID : **81616113663**
Status : **Answered**
Chosen Option : **2**

Q.21 Who among the following took charge as Vice Chief of Army Staff in February 2021?

Ans ✗ 1. Raj Shukla

✗ 2. SK Saini

✗ 3. Bipin Rawat

✓ 4. Chandi Prasad Mohanty

Question ID : **81616113159**
Status : **Answered**
Chosen Option : **2**

Q.22 According to which of the following Articles of the Constitution of India shall a Money Bill NOT be introduced in the Council of States?

Ans ✓ 1. Article 109

✗ 2. Article 354

✗ 3. Article 298

✗ 4. Article 193

Question ID : **81616113155**
Status : **Answered**
Chosen Option : **1**

Q.23 Payment made to others for the purchase of factors of production is known as _____.

Ans ✗ 1. real cost

✗ 2. money cost

✓ 3. explicit cost

✗ 4. implicit cost

Question ID : **81616112735**
Status : **Answered**
Chosen Option : **3**

Q.24 Where does the river Brahmaputra originate?

Ans ✗ 1. Glaciers of Mapchachungo

✗ 2. Milam glacier in the Nepal Himalayas

✗ 3. Garhwal hills near Gairsain

✓ 4. Chemayungdung glacier of the Kailash range

Question ID : **81616113652**
Status : **Not Answered**
Chosen Option : **--**

Q.25 In which of the following months is the 'Valvil Ori Vizha' festival of Tamil Nadu celebrated?

Ans ✗ 1. June

✗ 2. January

✗ 3. May

✓ 4. August

Question ID : **81616113439**
Status : **Answered**
Chosen Option : **2**

Section : **Quantitative Aptitude**

Q.1 ABCD is a cyclic quadrilateral such that AB is the diameter of the circle and ∠ADC= 145°, then what is the measure of ∠BAC?

Ans ✗ 1. $35°$

✗ 2. $45°$

✗ 3. $65°$

✓ 4. $55°$

Question ID : **81616113175**
Status : **Not Answered**
Chosen Option : **--**

Q.2 What is the volume (in cm³) of a spherical shell whose inner and outer radii are respectively 2 cm and 3 cm?

Ans ✓ 1. $\dfrac{76\pi}{3}$

✗ 2. $\dfrac{106\pi}{3}$

✗ 3. $\dfrac{56\pi}{3}$

✗ 4. $\dfrac{86\pi}{3}$

Question ID : **81616113171**
Status : **Not Answered**
Chosen Option : **--**

Q.3 If $(x + y)^3 + 27(x - y)^3 = (Ax - 2y)(Bx^2 + Cxy + 13y^2)$, then the value of $A - B - C$ is:

Ans
✗ 1. 27
✗ 2. 20
✗ 3. 15
✔ 4. 13

Q.4 $5\frac{1}{5} \div \left[3\frac{1}{2} - \left\{ \frac{5}{6} - \left(\frac{3}{5} + \frac{1}{10} - \frac{4}{15} \right) \right\} \right]$ is equal to:

Ans
✗ 1. $\frac{12}{31}$

✗ 2. $\frac{22}{31}$

✔ 3. $\frac{52}{31}$

✗ 4. $\frac{72}{31}$

Q.5 If $x^8 - 433x^4 + 16 = 0, x > 0$, then what is the value of $\left(x + \frac{2}{x} \right)$?

Ans
✔ 1. 5
✗ 2. 7
✗ 3. 4
✗ 4. 9

Q.6 Points P, Q, R, S and T lie in this order on a circle with centre O. If chord TS is parallel to diameter PR and $\angle RQT = 58°$, then find the measure (in degrees) of $\angle RTS$.

Ans
✗ 1. 58
✗ 2. 29
✗ 3. 45
✔ 4. 32

Q.7 In the table, production and sale (in 1000 tonnes) of a certain product of a company over 5 years is given.
Study the table and answer the question:

years	Production (in 1000 tonnes)	Sale (in 1000 tonnes)
2015	1250	1000
2016	1400	1290
2017	1450	1100
2018	1500	1450
2019	1600	1390

In which year(s) the sale increases by more than 25% of the previous year?

Ans   ✗ 1. 2018

✗ 2. 2017 and 2019

✗ 3. 2017

✔ 4. 2016 and 2018

Q.8

Pie-chart shows the distribution of percentage of students in various courses.
Total number of students is 1400

BBA 13%
B.Sc Maths 20%
B.Com 20%
B.Sc Physics 10%
B.Sc Chem 12%
B.Sc C.Sci 25%
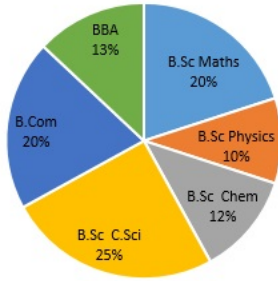
Percentage-wise distribution of number of boys:

Course	Number of boys
B.Sc Maths	40%
B.Sc Physics	68%
B.Sc Chem	58%
B.Sc C.Sci	80%
B.Com	75%
BBA	65%

What is the ratio of number of girls in B.Sc. Maths to number of boys in B.Sc. C. Sci.?

Ans
✗ 1. $2 : 7$
✔ 2. $3 : 5$
✗ 3. $5 : 3$
✗ 4. $7 : 2$

Question ID : **81616113588**
Status : **Answered**
Chosen Option : **2**

Q.9 If $x^2 - \sqrt{11}x + 1 = 0$, then $(x^3 + x^{-3}) =$

Ans
✗ 1. $7\sqrt{11}$
✗ 2. $4\sqrt{11}$
✗ 3. $10\sqrt{11}$
✔ 4. $8\sqrt{11}$

Question ID : **81616113476**
Status : **Answered**
Chosen Option : **4**

Q.10 There are two water taps in a tank which can fill the empty tank in 12 hours and 18 hours respectively. It is seen that there is a leakage point at the bottom of the tank which can empty the completely filled tank in 36 hours. If both the water taps are opened at the same time to fill the empty tank and the leakage point was repaired after 1 hour, then in how much time the empty tank will be completely filled?

Ans
✗ 1. 7 hours 12 minutes

✗ 2. 8 hours 24 minutes

✗ 3. 7 hours

✔ 4. 7 hours 24 minutes

Q.11 A borrowed a sum of ₹160000 from B at 10% per annum simple interest. At the same time he lent the same sum to C at the same rate on compound interest, compounded semi-annually for 2 years. Find the amount (in ₹) earned by A in the whole transaction.

Ans
✗ 1. 4280

✗ 2. 4281

✔ 3. 2481

✗ 4. 2840

Q.12 The given Pie-Chart shows the degree wise breakup of expenditure of a family in a month. Total income of a family is ₹43200.

Degree of amount incurred in different Expenditure (Total ₹ 43,200)

- Rent
- Food
- Education
- Saving
- Miscellaneous
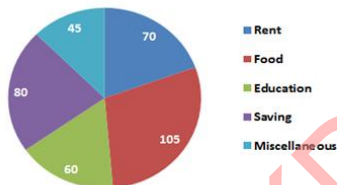
The amount spent on food is what percent of the savings and miscellaneous expenses?

Ans
✔ 1. 84%

✗ 2. 75%

✗ 3. 90%

✗ 4. 60%

Q.13

If $\sin A = \dfrac{1}{2}$, A is an acute angle, then find the value of $\dfrac{\tan A - \cot A}{\sqrt{3}\,(1 + \operatorname{cosec} A)}$.

Ans

✔ 1. $-\dfrac{2}{9}$

✘ 2. $-\dfrac{4\sqrt{3}}{9}$

✘ 3. $\dfrac{4\sqrt{3}}{9}$

✘ 4. $\dfrac{2}{9}$

Question ID : **81616112676**
Status : **Answered**
Chosen Option : **1**

Q.14 A train running at 72 km/h crosses a pole in 12 seconds. How much time (in seconds) will it take to cross a bridge 360 m long?

Ans

✔ 1. 30

✘ 2. 40

✘ 3. 75

✘ 4. 60

Question ID : **81616113473**
Status : **Answered**
Chosen Option : **1**

Q.15 In ΔABC, AD is the bisector of ∠A meeting BC at D. If AC = 21 cm, BC = 11 cm and the length of BD is 3 cm less than DC, then the length (in cm) of side AB is:

Ans

✘ 1. 10

✔ 2. 12

✘ 3. 15

✘ 4. 18

Question ID : **81616113682**
Status : **Not Answered**
Chosen Option : **--**

Q.16 In a class the ratio of rural to urban students is 4 : 7. In an examination the average percentage marks of the rural and the urban students are respectively 65 and 63. What is the overall average percentage marks of the class (correct to two decimal places)?

Ans
✗ 1. 65.87%

✗ 2. 73.63%

✔ 3. 63.73%

✗ 4. 64.37%

Question ID : **81616113163**
Status : **Answered**
Chosen Option : **3**

Q.17 The marked price of an article is ₹2720. If a shopkeeper sold the article at 15% loss after giving 25% discount, then the cost price (in ₹) of the article is:

Ans
✗ 1. 2000

✗ 2. 1800

✔ 3. 2400

✗ 4. 1200

Question ID : **81616113467**
Status : **Answered**
Chosen Option : **3**

Q.18 What is the difference in the mean proportional between 1.8 and 3.2 and the third proportional to 5 and 3?

Ans
✔ 1. 0.6

✗ 2. 0.4

✗ 3. 0.5

✗ 4. 0.7

Question ID : **81616113470**
Status : **Answered**
Chosen Option : **1**

Q.19 Table shows District-wise data of the number of primary school teachers posted in schools of a city. Study the table and answer the question:

District	Male teachers	Female teachers
East	1650	2375
North	1075	2651
West	1280	1520
South	1170	1085
Central	690	859

What is the average number of female teachers in the five districts?

Ans ✗ 1. 1690

✗ 2. 2871

✔ 3. 1698

✗ 4. 1173

Q.20 Rajan spent 10% of his salary on rent. He spent 20% of the remaining part of the salary on transport. After which he spent 40% of the balance of the salary on food. Further, he spent 80% of the balance on various bills. He deposits ₹5000 in the bank and kept the remaining ₹1480 for his own petty expenditure. Find his monthly salary (in ₹).

Ans ✔ 1. 75000

✗ 2. 80000

✗ 3. 82500

✗ 4. 64800

Q.21 If $cos\,\theta - sin\,\theta = \sqrt{3}\,cos(90° - \theta), 0° < \theta < 90°$ then find the value of $tan\,\theta - cot\,\theta$.

Ans ✗ 1. $\dfrac{3+2\sqrt{3}}{(1+\sqrt{3})}$

✔ 2. $-\dfrac{3+2\sqrt{3}}{(1+\sqrt{3})}$

✗ 3. $-\dfrac{3+2\sqrt{3}}{(1-\sqrt{3})}$

✗ 4. $\dfrac{3-2\sqrt{3}}{(1+\sqrt{3})}$

Q.22 In ΔABC, AD ⊥ BC at D and AE is the bisector of ∠A. If ∠B = 62° and ∠C = 36°, then what is the measure of ∠DAE ?

Ans ✔ 1. 13°

✘ 2. 54°

✘ 3. 23°

✘ 4. 27°

Q.23 For $0° < \theta < 90°$,

$$\frac{1}{\cos\theta} + \frac{1}{\tan\theta - \sec\theta}$$

is equal to:

Ans ✘ 1. $-\sec\theta$

✘ 2. $\tan\theta$

✘ 3. $\sec\theta$

✔ 4. $-\tan\theta$

Q.24 A shopkeeper bought 20 kg of sugar at ₹45 per Kg, 25 kg of sugar at ₹50 per kg and 35 kg of sugar at ₹40 per kg. He spent a sum of ₹450 on transportation and other expenses. He mixed all the three types of sugar and sold all the stock at ₹52.50 per kg. His profit percent in the entire transaction is :

Ans ✔ 1. 5%

✘ 2. 7.25%

✘ 3. 4.25%

✘ 4. 6.5%

Q.25 Find the smallest value of a so that 42a48b (a > b) is divisible by 11.

Ans ✘ 1. 4

✔ 2. 5

✘ 3. 0

✘ 4. 9

Section : **English Comprehension**

Q.1 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. These kinds of sharks are known as obligate ram ventilators because they draw water in through their mouths and force it out through their gills.
B. They use a method called buccal pumping, in which water is pulled in through the mouth and forced out through the gills by the cheek muscles.
C. It is true that many types of sharks must keep moving in order to receive life-giving oxygen from the water passing through their gills.
D. Other types of sharks are able to remain stationary because they possess special structures called spiracles, which force water out through their gills.

Ans ✗ 1. DABC

✗ 2. CDAB

✗ 3. BCDA

✔ 4. CABD

Q.2 Select the most appropriate ANTONYM of the given word.

Waver

Ans ✔ 1. Steady

✗ 2. Tilt

✗ 3. Sway

✗ 4. Slant

Q.3 Select the option that expresses the given sentence in reported speech.

"I'll see you later," she said.

Ans ✗ 1. She said that she will be able to see you later.

✗ 2. She said that she will see you later.

✗ 3. She said that she would be seeing me later.

✔ 4. She said that she would see me later.

Q.4 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 construction of / the new business school / is led to / a sudden rise of population in our area.

Ans ✗ 1. a sudden rise of population in our area

✗ 2. The construction of

✗ 3. the new business school

✓ 4. is led to

Question ID : **81616112783**
Status : **Answered**
Chosen Option : **1**

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

A sentimental longing for a period in the past

Ans ✗ 1. Memory

✗ 2. Emotion

✗ 3. Craving

✓ 4. Nostalgia

Question ID : **81616112803**
Status : **Answered**
Chosen Option : **4**

Q.6 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 there is no error, select 'No error'.

They have lived / in this apartment / since ten years.

Ans ✗ 1. They have lived

✗ 2. No error

✗ 3. in this apartment

✓ 4. since ten years

Question ID : **81616113489**
Status : **Answered**
Chosen Option : **1**

Q.7 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. An old mouse, who was wise enough to keep his distance, whispered to a friend, "Many a bag have I seen in my day, but never one with a cat's head".
B. She hoped that the mice would no longer be afraid to come near her.
C. A cat, grown feeble with age and no longer able to hunt mice as she once did, thought to herself how she might entice them within reach of her paw.
D. Thinking that she might pass herself off for a bag or for a dead cat at least, she suspended herself by the hind legs from a peg.

Ans ✗ 1. CADB

✗ 2. DCBA

✗ 3. ABDC

✔ 4. CDBA

Question ID : **81616113703**
Status : **Not Answered**
Chosen Option : **--**

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

Debilitate

Ans ✗ 1. Vitalise

✗ 2. Animate

✔ 3. Weaken

✗ 4. Sustain

Question ID : **81616113201**
Status : **Not Answered**
Chosen Option : **--**

Q.9 Select the most appropriate ANTONYM of the given word.

Augment

Ans ✗ 1. Extend

✗ 2. Expand

✗ 3. Spread

✔ 4. Diminish

Question ID : **81616113506**
Status : **Answered**
Chosen Option : **4**

Q.10 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

The furniture <u>is ready to be delivered</u>.

Ans ✗ 1. are being ready to be delivered

✗ 2. has ready to be delivered

✔ 3. No substitution

✗ 4. are ready to be delivered

Question ID : **81616112786**
Status : **Answered**
Chosen Option : **4**

Q.11 Select the most appropriate meaning of the given idiom.

Spick and span

Ans ✗ 1. Far and near

✗ 2. Noisy and loud

✗ 3. Fast and efficient

✓ 4. Neat and clean

Question ID : **81616113507**

Status : **Not Answered**

Chosen Option : **--**

Q.12 Select the most appropriate meaning of the given idiom.

Go easy on something

Ans ✗ 1. Fill one's plate easily

✓ 2. Use only a small amount of

✗ 3. Take as much as one wants

✗ 4. Eat slowly and liberally

Question ID : **81616113508**

Status : **Answered**

Chosen Option : **2**

Q.13 Select the option that expresses the given sentence in passive voice.

Please do your work properly.

Ans ✗ 1. You are instructed to do your work properly.

✗ 2. Can you please do your work properly?

✗ 3. Will you please do your work properly?

✓ 4. You are requested to do your work properly.

Question ID : **81616112784**

Status : **Answered**

Chosen Option : **4**

Q.14 Select the most appropriate synonym of the given word.

Celebrate

Ans ✓ 1. Honour

✗ 2. Humiliate

✗ 3. Publish

✗ 4. Circulate

Question ID : **81616113200**

Status : **Answered**

Chosen Option : **1**

Q.15 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed select 'No improvement required'.

Preparing children for uncertainties <u>keeps them in readiness</u> to face challenges.

Ans ✗ 1. keeps them for readiness

✗ 2. keep them ready

✓ 3. No improvement required

✗ 4. keep them to be ready

Question ID : **81616113191**

Status : **Answered**

Chosen Option : **2**

Q.16 Select the INCORRECTLY spelt word.

Ans ✗ 1. Piety

✗ 2. Depressed

✗ 3. Sovereignty

✓ 4. Vivedly

Question ID : **81616113714**

Status : **Answered**

Chosen Option : **1**

Q.17 Select the most appropriate option to fill in the blank.

Sales _____ from day to day.

Ans ✗ 1. revolves

✗ 2. swing

✓ 3. fluctuate

✗ 4. rotates

Question ID : **81616112806**

Status : **Answered**

Chosen Option : **3**

Q.18 Select the INCORRECTLY spelt word.

Ans ✓ 1. Casheir

✗ 2. Security

✗ 3. Certain

✗ 4. Imagery

Question ID : **81616113713**

Status : **Answered**

Chosen Option : **1**

Q.19 Select the most appropriate option to fill in the blank.

Some patches of the _____ garden have a rich cover of grass now.

Ans   ✗ 1. stretching

  ✗ 2. slouching

  ✓ 3. sprawling

  ✗ 4. stroking

Q.20 Select the option that can be used as a one-word substitute for the given group of words.

A large cage, building, or enclosure to keep birds

Ans   ✓ 1. Aviary

  ✗ 2. Aquarium

  ✗ 3. Arena

  ✗ 4. Zoo

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 blank.

The word "archaeology" comes from the Greek word "arkhaios," which means "ancient." (1)_____ some archaeologists study living cultures, most archaeologists concern (2)_____ with the distant past. People have dug (3)_____ monuments and collected artefacts for thousands of years. (4)_____, these people were not scholars, but looters and grave robbers looking to make money or (5)_____ up their personal collections.

SubQuestion No : 21

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

Ans   ✗ 1. Still

  ✗ 2. Even

  ✗ 3. Yet

  ✓ 4. Although

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 blank.

The word "archaeology" comes from the Greek word "arkhaios," which means "ancient." (1)_____ some archaeologists study living cultures, most archaeologists concern (2)_____ with the distant past. People have dug (3)_____ monuments and collected artefacts for thousands of years. (4)_____, these people were not scholars, but looters and grave robbers looking to make money or (5)_____ up their personal collections.

SubQuestion No : 22

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

Ans   ✗ 1. itself

     ✗ 2. them

     ✗ 3. himself

     ✔ 4. themselves

Question ID : **81616113699**
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 blank.

The word "archaeology" comes from the Greek word "arkhaios," which means "ancient." (1)_____ some archaeologists study living cultures, most archaeologists concern (2)_____ with the distant past. People have dug (3)_____ monuments and collected artefacts for thousands of years. (4)_____, these people were not scholars, but looters and grave robbers looking to make money or (5)_____ up their personal collections.

SubQuestion No : 23

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

Ans   ✗ 1. ahead

     ✗ 2. in

     ✔ 3. up

     ✗ 4. over

Question ID : **81616113700**
Status : **Answered**
Chosen Option : **2**

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 blank.

The word "archaeology" comes from the Greek word "arkhaios," which means "ancient." (1)_____ some archaeologists study living cultures, most archaeologists concern (2)_____ with the distant past. People have dug (3)_____ monuments and collected artefacts for thousands of years. (4)_____, these people were not scholars, but looters and grave robbers looking to make money or (5)_____ up their personal collections.

SubQuestion No : 24

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

Ans   ✗ 1. Regularly

       ✗ 2. Commonly

       ✔ 3. Often

       ✗ 4. Seldom

Question ID : **81616113701**
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 blank.

The word "archaeology" comes from the Greek word "arkhaios," which means "ancient." (1)_____ some archaeologists study living cultures, most archaeologists concern (2)_____ with the distant past. People have dug (3)_____ monuments and collected artefacts for thousands of years. (4)_____, these people were not scholars, but looters and grave robbers looking to make money or (5)_____ up their personal collections.

SubQuestion No : 25

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

Ans   ✗ 1. create

       ✔ 2. build

       ✗ 3. construct

       ✗ 4. assemble

Question ID : **81616113702**
Status : **Answered**
Chosen Option : **2**

Combined Graduate Level Examination 2020 Tier-I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	17/08/2021
Exam Time	3:00 PM - 4:00 PM
Subject	Combined Graduate Level Examination 2020 Tier 1

Section : **General Intelligence and Reasoning**

Q.1 **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 guest is trained.
All trained are employees.
Some employees are tall.

Conclusions:
I. Some tall are trained.
II. Some employees are trained.
III. No tall is a guest.

Ans ✔ 1. Only conclusion II follows

✘ 2. Only conclusion I follows

✘ 3. All the conclusions follow

✘ 4. Only conclusions I and II follow

Question ID : **81616113929**
Status : **Answered**
Chosen Option : **1**

Q.2 Select the figure from among the given options that can replace the question mark (?) in the following series.

Ans

✗ 1.

✗ 2.

✓ 3.

✗ 4.
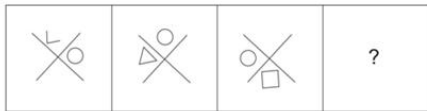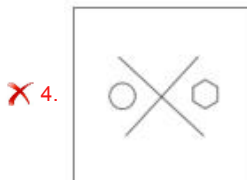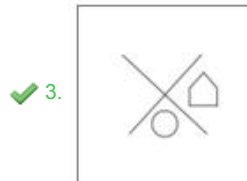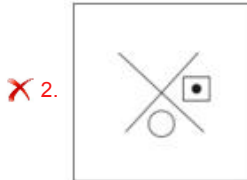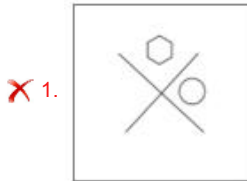
Question ID : **81616112321**

Status : **Answered**

Chosen Option : **3**

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. Hygienic
2. Hydroplane
3. Hydroelectric
4. Hydroxide
5. Hydrology

Ans ✗ 1. 1, 2, 3, 4, 5

✗ 2. 3, 5, 1, 2, 4

✓ 3. 3, 5, 2, 4, 1

✗ 4. 3, 5, 1, 4, 2

Question ID : **81616112304**

Status : **Answered**

Chosen Option : **3**

Q.4 How many rectangles are there in the given figure?
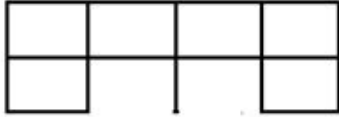
Ans ✓ 1. 14

✗ 2. 12

✗ 3. 8

✗ 4. 10

Question ID : **81616112423**

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

Chosen Option : **--**

Q.5 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. QTV

✗ 2. NQT

✗ 3. PSV

✗ 4. MPS

Question ID : **81616112305**

Status : **Answered**

Chosen Option : **1**

Q.6 Select the correct combination of mathematical signs that can sequentially replace the * signs and make the equation correct.

48 * 12 * 8 * 15 * 3 * 44

Ans ✗ 1. ×, ÷, =, −, +

✗ 2. +, ÷, −, =, ×

✗ 3. =, ×, +, ÷, −

✓ 4. ÷, ×, +, −, =

Question ID : **81616112420**

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.

215, 231, 256, 292, ?

Ans ✗ 1. 369

✓ 2. 341

✗ 3. 328

✗ 4. 402

Question ID : **81616112314**

Status : **Answered**

Chosen Option : **2**

Q.8 Two different positions of the same dice are shown, the faces of which are marked with the numbers IX, X, XI, XII, XIII and XIV. Select the number that will be on the face opposite to the face having the number 'XIV'.
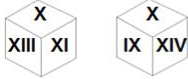
Ans ✓ 1. XI

✗ 2. X

✗ 3. XII

✗ 4. IX

Question ID : **81616112424**
Status : **Answered**
Chosen Option : **1**

Q.9 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.
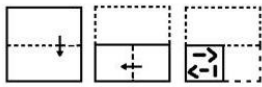
Question ID : **81616112225**
Status : **Not Answered**
Chosen Option : **--**

Q.10 Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different.

Ans ✗ 1. Guide

✗ 2. Instructor

✓ 3. Mistress

✗ 4. Mentor

Question ID : **81616112407**
Status : **Answered**
Chosen Option : **3**

Q.11 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(4, 8, 16)

Ans ✔ 1. (20, 24, 16)

✘ 2. (11, 16, 51)

✘ 3. (24, 15, 44)

✘ 4. (18, 6, 15)

Question ID : 81616113933
Status : **Not Answered**
Chosen Option : --

Q.12 Select the option that is embedded in the given figure (rotation is NOT allowed).

Ans

✘ 1.

✘ 2.

✘ 3.

✔ 4.
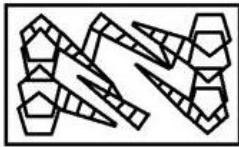
Question ID : 81616112223
Status : **Not Answered**
Chosen Option : --

Q.13 In the following Venn diagram, the triangle stands for 'Players', the hexagon stands for 'Indians', and the rectangle stands for 'Boys'. The given numbers represent the number of persons in that particular category.
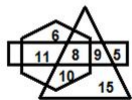

How many Indians are players but are NOT boys?

Ans ✔ 1. 10

✘ 2. 8

✘ 3. 9

✘ 4. 11

Question ID : 81616113943
Status : **Answered**
Chosen Option : **1**

Q.14 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

_ Q _ S P _ R _ _ Q _ _ P _ R _

Ans   ✗ 1. P, R, Q, S, P, R, R, P, Q

✔ 2. P, R, Q, S, P, R, S, Q, S

✗ 3. S, P, R, S, P, R, Q, Q, S

✗ 4. P, R, Q, S, Q, S, P, R, S

Question ID : **81616112210**
Status : **Answered**
Chosen Option : **2**

Q.15 There are 28 persons present at a press conference. After the conference they all shake hands with each other. If 7 of them refuse to shake hands at all, then how many hands shakes will be there altogether?

Ans   ✗ 1. 420

✔ 2. 210

✗ 3. 378

✗ 4. 231

Question ID : **81616112219**
Status : **Answered**
Chosen Option : **2**

Q.16 In a certain code language, 'MANGO' is coded as '13-2-42-28-75'and 'GRAPE' is coded as '7-36-3-64-25'. How will 'APPLE' be coded in that language?

Ans   ✗ 1. 2-16-48-21-25

✔ 2. 1-32-48-48-25

✗ 3. 2-32-48-24-28

✗ 4. 1-32-24-21-30

Question ID : **81616112411**
Status : **Answered**
Chosen Option : **2**

Q.17 Ram, Rajat and Ramesh are the three sons of Kavita. Mukul is the son of Ram. Mukul's paternal grandfather is Jay. Jay has one daughter, Nikita. Rajat's son, Abhiram is married to Rani and their daughter is Ina. Nirmala is the daughter of Nikita. How is Jay related to Ina?

Ans   ✔ 1. Great grandfather

✗ 2. Grandfather

✗ 3. Paternal uncle

✗ 4. Father-in-law

Question ID : **81616112211**
Status : **Answered**
Chosen Option : **1**

Q.18 In a certain code language, 'PLIGHT' is written as 'JMQUIH'. How will 'CANDLE' be written in that language?

Ans ✗ 1. OBDFEM

✗ 2. BODMFE

✗ 3. ODBFME

✓ 4. OBDFME

Question ID : **81616113925**

Status : **Answered**

Chosen Option : **4**

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

ABD, CEI, EHN, ?

Ans ✓ 1. GKS

✗ 2. GIM

✗ 3. FJR

✗ 4. GHJ

Question ID : **81616112202**

Status : **Answered**

Chosen Option : **1**

Q.20 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different.

Ans ✗ 1. (15, 105)

✓ 2. (18, 128)

✗ 3. (17, 119)

✗ 4. (16, 112)

Question ID : **81616112417**

Status : **Answered**

Chosen Option : **2**

Q.21 Select the option in which the numbers are NOT related in the same way as are the numbers of the following set.

(7, 51, 22)

Ans ✗ 1. (11, 123, 26)

✗ 2. (3, 11, 18)

✓ 3. (6, 38, 22)

✗ 4. (4, 18, 19)

Question ID : **81616112419**

Status : **Not Answered**

Chosen Option : **--**

Q.22 Select the option that is related to the third word in the same way as the second word is related to the first word.

Sheep : Lamb : : Cockroach : ?

Ans ✗ 1. Larva

✗ 2. Caterpillar

✓ 3. Nymph

✗ 4. Filly

Question ID : **81616112307**

Status : **Marked For Review**

Chosen Option : **4**

Q.23 Select the option in which the words share the same relationship as that shared by the given pair of words.

Flower : Floriculture

Ans ✗ 1. Mushroom : Viticulture

✗ 2. Honey : Horticulture

✓ 3. Earthworm : Vermiculture

✗ 4. Silk : Silviculture

Question ID : **81616112207**

Status : **Answered**

Chosen Option : **4**

Q.24 Select the correct mirror image of the given figure when the mirror is placed to its right side.

Ans

✗ 1.

✗ 2.

✓ 3.

✗ 4.

Question ID : **81616112224**

Status : **Answered**

Chosen Option : **3**

Q.25 Select the option that is related to the fourth number in the same way as the first number is related to the second number and the fifth number is related to the sixth number.

396 : 24 : : ? : 28 : : 672 : 30

Ans ✗ 1. 536

✓ 2. 572

✗ 3. 588

✗ 4. 504

Question ID : **81616113931**	
Status : **Not Answered**	
Chosen Option : **--**	

Section : **General Awareness**

Q.1 Who among the following was the first to conclude that in vacuum all objects fall with the same acceleration g and reach the ground at the same time?

Ans ✗ 1. Thomas Alva Edison

✓ 2. Galileo Galilei

✗ 3. Albert Einstein

✗ 4. Isaac Newton

Question ID : **81616112333**	
Status : **Answered**	
Chosen Option : **4**	

Q.2 To which neighbouring country was the Indian Peace Keeping Force (IPKF) sent in the year 1987?

Ans ✗ 1. Nepal

✓ 2. Sri Lanka

✗ 3. Bhutan

✗ 4. Burma

Question ID : **81616112447**	
Status : **Not Answered**	
Chosen Option : **--**	

Q.3 _____ was conferred the honorary rank of General of the Nepali Army in November 2020.

Ans ✗ 1. Bipin Rawat

✗ 2. Rakesh Kumar Singh Bhadauria

✓ 3. MM Naravane

✗ 4. Karambir Singh

Question ID : **81616112344**	
Status : **Answered**	
Chosen Option : **3**	

Q.4 According to 'The Ramayana', Ratnakar was the other name of _____.

Ans   ✗ 1. Vishvamitra

       ✗ 2. Gautam

       ✗ 3. Durbasa

       ✓ 4. Valmiki

Question ID : **81616113944**
Status : **Answered**
Chosen Option : **4**

Q.5 Which of the following does NOT figure among the main functions of the root system of a plant?

Ans   ✓ 1. Supply of food to plant parts

       ✗ 2. Providing a proper anchorage to the plant parts

       ✗ 3. Absorption of water from the soil

       ✗ 4. Absorption of mineral from the soil

Question ID : **81616113951**
Status : **Answered**
Chosen Option : **1**

Q.6 Which one of the following element is Monatomic unit?

Ans   ✗ 1. Phosphorus

       ✓ 2. Gold

       ✗ 3. Sulphur

       ✗ 4. Hydrogen

Question ID : **81616112435**
Status : **Answered**
Chosen Option : **4**

Q.7 Yerla, Warna and Dindi are tributaries of the _____ river system.

Ans   ✗ 1. Brahmaputra

       ✗ 2. Godavari

       ✗ 3. Kaveri

       ✓ 4. Krishna

Question ID : **81616112438**
Status : **Not Answered**
Chosen Option : **--**

Q.8 The language 'Idu Mishmi' is spoken in the state of _____.

Ans   ✗ 1. Kerala

       ✗ 2. Punjab

       ✓ 3. Arunachal Pradesh

       ✗ 4. Madhya Pradesh

Question ID : **81616112430**
Status : **Not Answered**
Chosen Option : **--**

Q.9 Identify the state animal of Assam.

Ans ✗ 1. Ox

✗ 2. Elephant

✗ 3. Snow Leopard

✓ 4. One-horned Rhino

Question ID : **81616112339**
Status : **Answered**
Chosen Option : **4**

Q.10 Who is the author of the book 'Tarikh-i Dilkusha'?

Ans ✗ 1. Panini

✓ 2. Bhimsen

✗ 3. Sushruta

✗ 4. Charaka

Question ID : **81616112442**
Status : **Marked For Review**
Chosen Option : **2**

Q.11 Which Ministry of the Government of India received the SKOCH Challenger Award for 'Best Performance in e-Governance' in January 2021?

Ans ✓ 1. Ministry of Tribal Affairs

✗ 2. Ministry of Parliamentary Affairs

✗ 3. Ministry of Education

✗ 4. Ministry of Information and Broadcasting

Question ID : **81616112352**
Status : **Answered**
Chosen Option : **1**

Q.12 The river Ganga divides the state of Bihar into _____ parts.

Ans ✗ 1. five

✗ 2. four

✓ 3. three

✗ 4. two

Question ID : **81616112237**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.13 Who among the following along with Motilal Nehru was instrumental in the creation of the Swaraj Party?

Ans ✗ 1. Bipin Chandra Pal

✓ 2. Chittaranjan Das

✗ 3. Subhash Chandra Bose

✗ 4. Surendranath Banerjee

Question ID : **81616113956**
Status : **Answered**
Chosen Option : **2**

Q.14 What was the total number of goals scored in the finals of the FIFA World Cup 2018?

Ans ✗ 1. Three

✗ 2. Four

✗ 3. Five

✓ 4. Six

Question ID : **81616113965**

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

Chosen Option : **--**

Q.15 What is the botanical name of mango?

Ans ✓ 1. Mangifera indica

✗ 2. Cocos nucifera

✗ 3. Monoon longifolium

✗ 4. Casuarina

Question ID : **81616112235**

Status : **Answered**

Chosen Option : **1**

Q.16 As of January 2021, who among the following was the Chairperson of the Central Board of Film Certification?

Ans ✓ 1. Prasoon Joshi

✗ 2. Rekha

✗ 3. Shekhar Kapoor

✗ 4. Asha Parekh

Question ID : **81616112244**

Status : **Answered**

Chosen Option : **3**

Q.17 Which of the following states banned online gaming in October 2020?

Ans ✗ 1. Gujarat

✗ 2. Madhya Pradesh

✗ 3. Maharashtra

✓ 4. Andhra Pradesh

Question ID : **81616112350**

Status : **Not Answered**

Chosen Option : **--**

Q.18 How many microns are there in a metre?

Ans ✗ 1. 10000

✗ 2. 1000

✓ 3. 1000000

✗ 4. 100000

Question ID : **81616113948**

Status : **Answered**

Chosen Option : **3**

Q.19 Name the captain of the Indian men's hockey team, as on January 2021:

Ans ✗ 1. SV Sunil

✔ 2. Manpreet Singh Pawar

✗ 3. Lalit Upadhyay

✗ 4. Simranjeet Singh

Question ID : **81616112348**

Status : **Answered**

Chosen Option : **2**

Q.20 Mahavira, who was known in Pali literature as Nigantha Nataputta, founded a religion called _____.

Ans ✗ 1. Zoroastrianism

✗ 2. Bahá'í

✔ 3. Jainism

✗ 4. Sikhism

Question ID : **81616112241**

Status : **Answered**

Chosen Option : **3**

Q.21 As per Article _____ of the Constitution of India, English is the official language for all the high courts in the country.

Ans ✗ 1. 329 (1)

✗ 2. 336 (1)

✗ 3. 315 (1)

✔ 4. 348 (1)

Question ID : **81616112246**

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

Chosen Option : **--**

Q.22 The story of Maynamati and Gopichandra is a part of which of the following literary works?

Ans ✔ 1. Nath literature

✗ 2. Chandimangal Kavya

✗ 3. Manasamangal Kavya

✗ 4. Sanskrit epics

Question ID : **81616113959**

Status : **Not Answered**

Chosen Option : **--**

Q.23 Who among the following economists formulated the Law of Diminishing Marginal Utility (DMU)?

Ans ✗ 1. Milton Friedman

✗ 2. David Ricardo

✔ 3. HH Gossen

✗ 4. Adam Smith

Question ID : **81616112432**

Status : **Not Answered**

Chosen Option : **--**

Q.24 Which of the following statements is related to positive economics?

Ans   ✗ 1. Inflation is better than deflation.

    ✗ 2. Inequalities in the distribution of wealth and incomes should be reduced.

    ✗ 3. More production of luxury goods is not good for a less developed country.

    ✔ 4. An increase in money supply implies a price rise in an economy.

Question ID : **81616112229**
Status : **Not Answered**
Chosen Option : **--**

Q.25 Which of the following civic bodies was declared as the 'Best Performing Municipal Corporation' in India in December 2020 for implementing the Pradhan Mantri Awas Yojana-Urban Mission? The annual awards were announced by the Ministry of Housing and Urban Affairs.

Ans   ✗ 1. Bhopal Municipal Corporation

    ✗ 2. West Delhi Municipal Corporation

    ✗ 3. Guwahati Municipal Corporation

    ✔ 4. Greater Vishakhapatnam Municipal Corporation

Question ID : **81616112250**
Status : **Marked For Review**
Chosen Option : **4**

Section : **Quantitative Aptitude**

Q.1 A sports-goods shop has tennis balls of 3 colors - red, green and white. The number of white balls is 60% more than number of red balls and the number of green balls is 12.5% less than number of white balls. If total number of balls is 120, then how many green balls are there?

Ans   ✗ 1. 48

    ✗ 2. 40

    ✗ 3. 30

    ✔ 4. 42

Question ID : **81616112458**
Status : **Answered**
Chosen Option : **4**

Q.2 The following bar graph shows the demand and production (in Lakhs) of motor cycles of five different companies A, B, C, D and E in 2020.
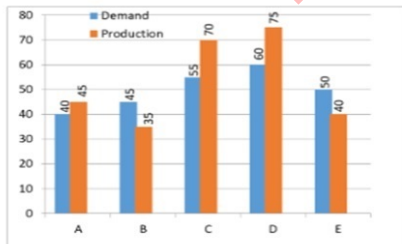
What is the ratio of total production of motor cycles of companies A, B, C, D and E, to that of the total demand of motor cycles of all the companies during the five years?

Ans   ✔ 1. 52%

    ✗ 2. 30%

    ✗ 3. 65%

    ✗ 4. 45%

Question ID : **81616113082**
Status : **Not Answered**
Chosen Option : **--**

Q.3 Each one of five men independently can complete a work in 20 days. The work is started by one person. Next day one more person joins and every next day one more person joins. From the fifth day, five persons continued working as a team. In how many days, will the work be completed?

Ans
✗ 1. 2
✔ 2. 6
✗ 3. 3
✗ 4. 5

Question ID : **81616112462**
Status : **Not Answered**
Chosen Option : **--**

Q.4 In triangle ABC, D is a point on BC such that BD : DC = 3 : 4. E is a point on AD such that AE : ED = 2 : 3. Find the ratio area (ΔECD) : area (ΔAEB).

Ans
✗ 1. $9 : 8$
✗ 2. $1 : 2$
✔ 3. $2 : 1$
✗ 4. $8 : 9$

Question ID : **81616112269**
Status : **Not Answered**
Chosen Option : **--**

Q.5 What is the area of the square $(in\ cm^2)$ whose vertices lie on a circle of radius 5 cm?

Ans
✗ 1. 100
✗ 2. 80
✔ 3. 50
✗ 4. 75

Question ID : **81616112262**
Status : **Answered**
Chosen Option : **3**

Q.6 Simplify the following expression.

$$\left(\frac{7}{16} \div \frac{1}{2} \text{ of } \frac{1}{5}\right) \times \frac{4}{5} - \frac{1}{3} \times \frac{5}{8} \div \frac{1}{2} + \frac{3}{4}$$

Ans
✗ 1. $\dfrac{317}{96}$

✗ 2. $\dfrac{10}{3}$

✗ 3. $\dfrac{71}{150}$

✔ 4. $\dfrac{23}{6}$

Question ID : **81616112354**
Status : **Answered**
Chosen Option : **4**

Q.7 If $4\sin^2(2x-10)° = 3, 0 \le (2x-10) \le 90$, then find the value of $\frac{\sin^4(x-5)° + \cos^4(x-5)°}{1 - 2\sin^2(3x-15)° \cos^2(3x-15)°}$.

Ans

✗ 1. 1

✔ 2. $\frac{5}{8}$

✗ 3. $-\frac{5}{8}$

✗ 4. -1

Question ID : **81616112472**

Status : **Answered**

Chosen Option : **2**

Q.8

The value of $\frac{\sqrt{2}\tan(60° - \theta)\tan(30° + \theta)}{\sin^2(45° + \theta) + \sin^2(45° - \theta)}$ is:

Ans

✗ 1. $\frac{1}{\sqrt{2}}$

✗ 2. 1

✗ 3. 2

✔ 4. $\sqrt{2}$

Question ID : **81616112271**

Status : **Answered**

Chosen Option : **4**

Q.9 If $4x^4 = 5x^2 - 1, x > \frac{1}{\sqrt{2}}$, then what is the value of $(2x^2 - x - 1)$?

Ans

✔ 1. 0

✗ 2. 1

✗ 3. -2

✗ 4. 2

Question ID : **81616112467**

Status : **Answered**

Chosen Option : **1**

Q.10 A man can row a distance of 8 km downstream in a certain time and can row 6 km upstream in the same time. If he rows 24 km upstream and the same distance downstream in $1\frac{3}{4}$ hours, then the speed (in km/h) of the current is:

Ans

✔ 1. 4

✗ 2. $4\frac{1}{2}$

✗ 3. 3

✗ 4. $2\frac{1}{2}$

Question ID : **81616113978**

Status : **Answered**

Chosen Option : **1**

Q.11 The pie chart shows the percentage distribution of a total of 800 employees in different departments of a company.

% of Employees in Different Departments
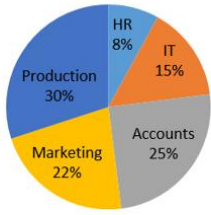
How many employees are working in the field of marketing?

Ans ✗ 1. 240

✗ 2. 120

✗ 3. 200

✔ 4. 176

Question ID : **81616113385**
Status : **Answered**
Chosen Option : **4**

Q.12 Bar graph shows the number of students enrolled for a vocational course in institutes A and B during 5 years from 2014 to 2018.
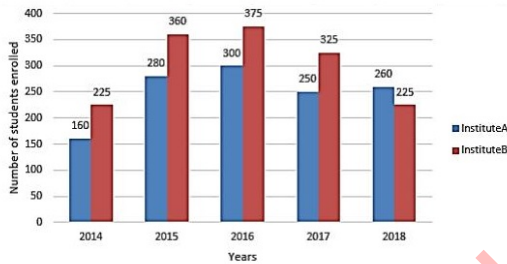
The total number of students enrolled in institute B during 2014, 2016 and 2018 is what percent of the total number of students enrolled in institute A during the five Years?

Ans ✗ 1. 49%

✔ 2. 66%

✗ 3. 75%

✗ 4. 57%

Question ID : **81616113387**
Status : **Answered**
Chosen Option : **2**

Q.13 The cost price and the marked price of an item are ₹720 and ₹900 respectively. When it is sold at a discount of $x\%$, the profit is $\frac{5x}{3}\%$. What is the value of x ?

Ans ✗ 1. $7\frac{4}{7}$

✔ 2. $8\frac{4}{7}$

✗ 3. $5\frac{5}{7}$

✗ 4. $5\frac{4}{7}$

Question ID : **81616112358**
Status : **Answered**
Chosen Option : **2**

Q.14 Points A and B are on a circle with centre O. PAM and PBN are tangents to the circle at A and B respectively from a point P outside the circle. Point Q is on the major arc AB such that $\angle QAM = 58°$ and $\angle QBN = 50°$, then find the measure (in degrees) of $\angle APB$.

Ans   ✗ 1. 30

    ✗ 2. 32

    ✔ 3. 36

    ✗ 4. 40

Question ID : **81616112469**

Status : **Not Answered**

Chosen Option : **--**

Q.15 The marked price of an article is ₹240. A shopkeeper sells it by allowing 18% discount on its marked price and still gains 23%. What is the cost price (in ₹) of the article?

Ans   ✗ 1. 200

    ✗ 2. 180

    ✔ 3. 160

    ✗ 4. 150

Question ID : **81616113972**

Status : **Answered**

Chosen Option : **3**

Q.16 If $x^2 + 9y^2 + 4z^2 = 12(x - 2y + 2z) - 88$, then the value of $(x - 3y + z)$ is:

Ans   ✗ 1. 10

    ✔ 2. 13

    ✗ 3. 11

    ✗ 4. 5

Question ID : **81616113981**

Status : **Answered**

Chosen Option : **2**

Q.17 The average score of 40 students in a class test is 45. Later on, it was found that at two places 25 was read as 35 and at one place 38 was read as 32. What is the actual average score of the class?

Ans   ✗ 1. 45.35

    ✗ 2. 39.69

    ✔ 3. 44.65

    ✗ 4. 43.80

Question ID : **81616112254**

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

Chosen Option : **--**

Q.18 A man borrowed a certain sum and agrees to repay it by paying ₹4000 at the end of first year and ₹7700 at the end of second year. If the rate of compound interest compounded annually is 10% per annum, then find the sum (in ₹) borrowed.

Ans ✗ 1. 11500

✗ 2. 11000

✗ 3. 9000

✔ 4. 10000

Question ID : **81616112461**
Status : **Not Answered**
Chosen Option : **--**

Q.19 The following Pie charts represent the distribution of candidates who were enrolled for competitive examination and the candidates (out of those enrolled) who passed the exam from five different institutes P, Q, R, S and T.

Fig.(i) Total number of candidates enrolled in five different institutes = 7500
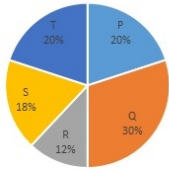
Fig.(ii) Total number of candidates passed the examination from five Institutes = 4000
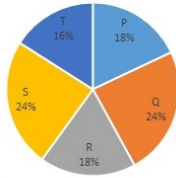
What is the pass percentage for institute Q? (correct upto one decimal place.)

Ans ✔ 1. 42.7%

✗ 2. 80%

✗ 3. 48%

✗ 4. 71.1%

Question ID : **81616113084**
Status : **Answered**
Chosen Option : **1**

Q.20 In a circle, a ten cm long chord is at a distance of 12 cm from the centre of the circle. Length of the diameter of the circle (in cm) is :

Ans ✗ 1. 20

✔ 2. 26

✗ 3. 13

✗ 4. 22

Question ID : **81616112266**
Status : **Answered**
Chosen Option : **2**

Q.21 In triangle ABC, P and Q are the mid points of AB and AC, respectively. R is a point on PQ such that PR : RQ = 3 : 5 and QR = 20 cm, then what is the length (in cm) of BC?

Ans ✗ 1. 24

✗ 2. 40

✔ 3. 64

✗ 4. 66.66

Question ID : 81616112369
Status : **Answered**
Chosen Option : **3**

Q.22

If $7\cos^2\theta + 5\sin^2\theta - 6 = 0, (0^0 < \theta < 90^\circ)$, then what is the value of $\sqrt{\dfrac{cosec\theta + tan\theta}{sec\theta - cot\theta}}$

Ans ✗ 1. $\sqrt{2} - 1$

✗ 2. $\sqrt{3} + 1$

✔ 3. $\sqrt{2} + 1$

✗ 4. $\sqrt{3} - 1$

Question ID : 81616113382
Status : **Answered**
Chosen Option : **3**

Q.23 Find the sum of squares of the greatest value and the smallest value of K in the number so that the number 45082K is divisible by 3.

Ans ✔ 1. 68

✗ 2. 64

✗ 3. 100

✗ 4. 50

Question ID : 81616112454
Status : **Answered**
Chosen Option : **1**

Q.24 The ratio of present ages of A and B is 7 : 8. After 6 years from now, the ratio of their ages will be 8 : 9. If C's present age is 10 years more than the present age of A, then the present age (in years) of C is:

Ans ✗ 1. 56

✔ 2. 52

✗ 3. 59

✗ 4. 45

Question ID : 81616113975
Status : **Answered**
Chosen Option : **2**

Q.25 Simplify the following expression:

$$\frac{108 \times 108 \times 108 - 92 \times 92 \times 92}{108 \times 108 + 92 \times 92 + 108 \times 92}$$

Ans ✗ 1. 200

✗ 2. 1

✔ 3. 16

✗ 4. -1

Question ID : **81616112364**

Status : **Answered**

Chosen Option : **3**

Section : **English Comprehension**

Q.1 Select the most appropriate meaning of the following idiom.

Pat on the back

Ans ✗ 1. Friendly tap to push someone

✔ 2. Praise or approval for doing something good

✗ 3. Good massage for aches and pains

✗ 4. Mild form of disapproval or blame

Question ID : **81616114012**

Status : **Answered**

Chosen Option : **2**

Q.2 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. In some cases, the problem of the lowering of the river bottom has caused the water table of the surrounding area to drop, which has adversely affected agriculture.
B. Also, another problem, canalization with its extensive system of locks and navigation dams, often seriously disrupts riverine ecosystems.
C. The ever-increasing exploitation of rivers has given rise to a variety of problems.
D. Further, extensive commercial navigation of rivers has resulted in much artificial improvement of natural channels, including increasing the depth of the channels to permit passage of larger vessels.

Ans ✗ 1. BDAC

✗ 2. DCAB

✔ 3. CABD

✗ 4. CDAB

Question ID : **81616114007**

Status : **Answered**

Chosen Option : **3**

Q.3 Select the most appropriate ANTONYM of the given word.

Dividing

Ans ✗ 1. Breaking

✔ 2. Connecting

✗ 3. Detaching

✗ 4. Parting

Question ID : **81616112394**

Status : **Answered**

Chosen Option : **2**

Q.4 **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 win / several accolades / for his / music compositions.

Ans   ✔ 1. He win

   ✘ 2. music compositions

   ✘ 3. for his

   ✘ 4. several accolades

Question ID : **81616112480**

Status : **Answered**

Chosen Option : **1**

Q.5 **Select the most appropriate synonym of the given word.**

Wander

Ans   ✘ 1. Run

   ✘ 2. Think

   ✔ 3. Roam

   ✘ 4. Sing

Question ID : **81616112291**

Status : **Answered**

Chosen Option : **3**

Q.6 **Select the most appropriate synonym of the given word.**

Grumble

Ans   ✘ 1. Grin

   ✘ 2. Call

   ✔ 3. Groan

   ✘ 4. Ring

Question ID : **81616112292**

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

Chosen Option : **--**

Q.7 **Sentences of a paragraph are given below in jumbled order. Arrange the sentences in**
the right order to form a meaningful and coherent paragraph.

A. He was caught by the police on the spot.
B. Anil bought a car last week.
C. Unfortunately, the car met with an accident today.
D. The accident took place due to the carelessness of his driver.

Ans   ✘ 1. CDBA

   ✘ 2. ABDC

   ✘ 3. BACD

   ✔ 4. BCDA

Question ID : **81616112390**

Status : **Answered**

Chosen Option : **4**

Q.8 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

The teacher asked <u>the students for fill the form</u> before entering the classroom.

Ans ✗ 1. the students to filled the form

✗ 2. No substitution

✗ 3. the students for filled the form

✓ 4. the students to fill the form

Question ID : 81616112483

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.

When she went for a walk / Maya couldn't take off her scarf / because it was / too much windy.

Ans ✓ 1. too much windy

✗ 2. Maya couldn't take off her scarf

✗ 3. because it was

✗ 4. When she went for a walk

Question ID : 81616113994

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.

Soft, inner part of a nut or fruit-stone

Ans ✗ 1. Bean

✓ 2. Pulp

✗ 3. Caramel

✗ 4. Kernel

Question ID : 81616112499

Status : **Answered**

Chosen Option : **2**

Q.11 Select the most appropriate meaning of the following idiom.

Wild goose chase

Ans ✗ 1. A safari to spot rare animals

✗ 2. A long search for hidden prey

✓ 3. A worthless hunt or chase

✗ 4. Going to watch uncommon birds

Question ID : 81616114013

Status : **Answered**

Chosen Option : **3**

Q.12 Select the INCORRECTLY spelt word.

Ans   ✔ 1. Adress

         ✘ 2. Astound

         ✘ 3. Advice

         ✘ 4. Amount

Question ID : **81616112400**

Status : **Answered**

Chosen Option : **1**

Q.13 Select the option that expresses the given sentence in passive voice.

Who wrote the Ramayana?

Ans   ✘ 1. By who was the Ramayana written?

         ✔ 2. By whom was the Ramayana written?

         ✘ 3. By whom was that who wrote the Ramayana?

         ✘ 4. Who was that who wrote the Ramayana?

Question ID : **81616112481**

Status : **Answered**

Chosen Option : **2**

Q.14 Select the most appropriate ANTONYM of the given word.

Segregate

Ans   ✘ 1. Allude

         ✔ 2. Integrate

         ✘ 3. Implicate

         ✘ 4. Correlate

Question ID : **81616114011**

Status : **Answered**

Chosen Option : **2**

Q.15 Select the INCORRECTLY spelt word.

Ans   ✔ 1. Camoflage

         ✘ 2. Comedian

         ✘ 3. Caravan

         ✘ 4. Custard

Question ID : **81616112401**

Status : **Answered**

Chosen Option : **1**

Q.16 Select the option that expresses the given sentence in indirect speech.

"I will work hard to get the first rank in class," said Rohan.

Ans   ✘ 1. Rohan said that he should work hard to get the first rank in class.

         ✘ 2. Rohan said that he could work hard to get the first rank in class.

         ✘ 3. Rohan said that he ought to work hard to get the first rank in class.

         ✔ 4. Rohan said that he would work hard to get the first rank in class.

Question ID : **81616112280**

Status : **Answered**

Chosen Option : **4**

Q.17 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

No one are supposed to react to her prejudiced comments.

Ans ✔ 1. No one is supposed to react

✗ 2. No one has supposed to react

✗ 3. No one had supposed to react

✗ 4. No substitution

Question ID : **81616112282**

Status : **Answered**

Chosen Option : **1**

Q.18 Select the option that can be used as a one-word substitute for the given group of words.

A news article that reports the recent death of a person

Ans ✗ 1. Review

✗ 2. Editorial

✗ 3. Mortuary

✔ 4. Obituary

Question ID : **81616112500**

Status : **Answered**

Chosen Option : **4**

Q.19 Select the most appropriate option to fill in the blank.

A major advertising _____ was planned to launch the new brand of garments.

Ans ✔ 1. campaign

✗ 2. ambush

✗ 3. pension

✗ 4. election

Question ID : **81616112302**

Status : **Answered**

Chosen Option : **1**

Q.20 Select the most appropriate option to fill in the blank.

_____ yourself with the new perfume.

Ans ✗ 1. Prosper

✗ 2. Purify

✔ 3. Pamper

✗ 4. Percolate

Question ID : **81616112503**

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.

Ben committed (1)_____ crime when he (2)_____ a bank. Someone (3)_____ the crime and told the police. The police charged him (4)_____ the crime and put him behind bars. They also accused his twin brother, Bill, of being his (5)_____.

SubQuestion No : 21

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

Ans   ✗ 1. much

       ✗ 2. an

       ✗ 3. many

       ✔ 4. a

Question ID : **81616112385**
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.

Ben committed (1)_____ crime when he (2)_____ a bank. Someone (3)_____ the crime and told the police. The police charged him (4)_____ the crime and put him behind bars. They also accused his twin brother, Bill, of being his (5)_____.

SubQuestion No : 22

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

Ans   ✔ 1. robbed

       ✗ 2. liked

       ✗ 3. entered

       ✗ 4. noticed

Question ID : **81616112386**
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.

Ben committed (1)_____ crime when he (2)_____ a bank. Someone (3)_____ the crime and told the police. The police charged him (4)_____ the crime and put him behind bars. They also accused his twin brother, Bill, of being his (5)_____.

SubQuestion No : 23

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

Ans   ✗ 1. signed

       ✗ 2. moved

       ✗ 3. spoke

       ✔ 4. witnessed

Question ID : **81616112387**
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.

Ben committed (1)_____ crime when he (2)_____ a bank. Someone (3)_____ the crime and told the police. The police charged him (4)_____ the crime and put him behind bars. They also accused his twin brother, Bill, of being his (5)_____.

SubQuestion No : 24

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

Ans ✔ 1. with

✘ 2. on

✘ 3. in

✘ 4. of

Question ID : **81616112388**

Status : **Answered**

Chosen Option : **2**

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.

Ben committed (1)_____ crime when he (2)_____ a bank. Someone (3)_____ the crime and told the police. The police charged him (4)_____ the crime and put him behind bars. They also accused his twin brother, Bill, of being his (5)_____.

SubQuestion No : 25

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

Ans ✘ 1. adventurer

✔ 2. accomplice

✘ 3. admirer

✘ 4. colleague

Question ID : **81616112389**

Status : **Answered**

Chosen Option : **2**

Combined Graduate Level Examination 2020 Tier-I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	18/08/2021
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Graduate Level Examination 2020 Tier 1

Section : **General Intelligence and Reasoning**

Q.1 नीचे चार शब्द दिए गए हैं जिनमें से तीन किसी संदर्भ में एक समान हैं और उनमें से एक असंगत है। उस असंगत शब्द का चयन करें।

Ans ✗ 1. गठिया (आर्थ्राइटिस)

✗ 2. वात-रोग (गाउट)

✓ 3. उच्च रक्तचाप (हाइपरटेंशन)

✗ 4. सूखा रोग (रिकेट्स)

Question ID : **81616114124**
Status : **Answered**
Chosen Option : **3**

Q.2 In a certain code language, 'FORENSIC' is coded as '61218221419183' and'DORM' is coded as '4121813'.How will 'CARAMEL' be coded in that language?

Ans ✗ 1. 3011801132212

✗ 2. 3260926130512

✗ 3. 3261826142212

✓ 4. 3261826132212

Question ID : **81616114128**
Status : **Answered**
Chosen Option : **4**

Q.3 The total of three numbers is 240. The second number is four times the first number. The third number is three times the first number. What will be the average of the three numbers?

Ans ✓ 1. 80

✗ 2. 50

✗ 3. 60

✗ 4. 70

Question ID : **81616113229**
Status : **Answered**
Chosen Option : **1**

Q.4 A cube is made by folding the given sheet. In the cube so formed, which of the following pairs of letters would be opposite to each other?

E	F	A	
		C	D	B
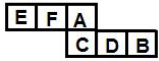
Ans
✔ 1. D and F
✘ 2. A and D
✘ 3. E and B
✘ 4. E and C

Q.5 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 follows from the statements.

Statements:
Some bowls are cups.
All cups are glasses.
Some glasses are plates.
All plates are utensils.

Conclusions:
I. All bowls cannot be utensils.
II. All glasses cannot be utensils.

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

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.
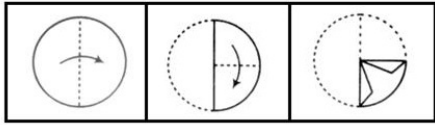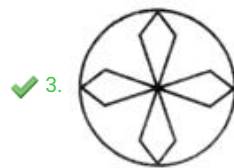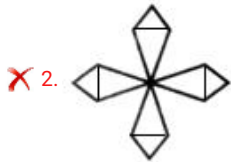
Q.7 Select the option that is related to the third number in the same way as the second number is related to the first number.

39 : 27 :: 43 : ?

Ans   ✘ 1. 6

✘ 2. 38

✔ 3. 12

✘ 4. 20

Q.8 उस विकल्प का चयन कीजिए जिसके शब्दों के मध्य वही संबंध है, जो दिए गए शब्द–युग्म के शब्दों के मध्य है।

हंस : हंसशावक

Ans   ✘ 1. हिरन : कंगारूशावक

✘ 2. व्हेल : मछलियों का झुंड

✘ 3. मछली : पशुशावक

✔ 4. पेरु पक्षी : चूजा

Q.9 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

INTENSIVE |

Ans
  ✗ 1. ƎVISИƎTИI
  ✗ 2. IИTEƧИIVE
  ✔ 3. ƎVISИƎTИI
  ✗ 4. IИTEИƧIVE

Q.10 वह विकल्प चुनें जो तीसरे शब्द से उसी प्रकार संबंधित है, जिस प्रकार दूसरा शब्द पहले शब्द से संबंधित है।

कंगाल : दौलतमंद :: प्रतिशोधी : ?

Ans
  ✗ 1. मध्यमार्गी
  ✗ 2. विस्मरणशील
  ✗ 3. निर्भय
  ✔ 4. क्षमाशील

Q.11 In a certain code language, 'YOU TOOK MY PLACE IN' is written as 'COU POON LC QVAKE IJ'. How will 'COMPILE' be written in that language?

Ans
  ✗ 1. KOLQIME
  ✔ 2. KOLQIVE
  ✗ 3. KOLTYLE
  ✗ 4. YOLTILE

Q.12 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

r_ uktrj_ kt_ juk_rju_trj_kt

Ans
  ✗ 1. u, j, r, t, j, u
  ✗ 2. j, r, u, k, t, u
  ✗ 3. j, r, u, t, u, k
  ✔ 4. j, u, r, t, k, u

Q.13 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(7, 9, 252)

Ans ✘ 1. (6, 9, 188)

✘ 2. (12, 10, 260)

✔ 3. (8, 11, 352)

✘ 4. (6, 8, 212)

Question ID : 81616114136
Status : **Answered**
Chosen Option : **3**

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.
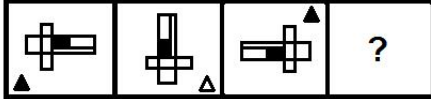
Question ID : 81616113735
Status : **Answered**
Chosen Option : **4**

Q.15 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. OIDZ

✔ 2. ZTOL

✘ 3. AUPL

✘ 4. JDYU

Question ID : 81616113719
Status : **Answered**
Chosen Option : **2**

Q.16 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Recreation
2. Recede
3. Recorder
4. Recliner
5. Reconcile
6. Recognition

Ans ✅ 1. 2, 4, 6, 5, 3, 1

❌ 2. 2, 4, 5, 6, 3, 1

❌ 3. 2, 4, 5, 6, 1, 3

❌ 4. 4, 2, 6, 5, 3, 1

Question ID : **81616113718**
Status : **Answered**
Chosen Option : **1**

Q.17 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different.

Ans ❌ 1. 406321 : 493

✅ 2. 324335 : 577

❌ 3. 253471 : 778

❌ 4. 111617 : 278

Question ID : **81616114134**
Status : **Answered**
Chosen Option : **2**

Q.18 Select the option figure in which the given figure is embedded (rotation is NOT allowed).

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.
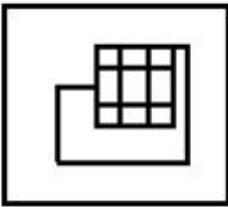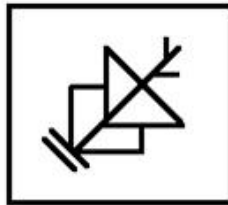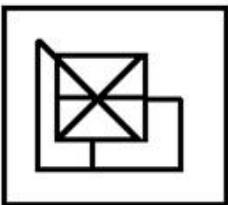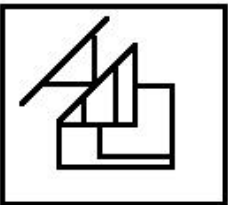
Q.19 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

DOWN, CRRU, BUMB, AXHI, ?

Ans ✔ 1. ZACP

✗ 2. APCZ

✗ 3. ACPZ

✗ 4. CAPZ

Q.20 Select the correct combination of mathematical signs that can sequentially replace the *
signs and balance the given equation.

14 * 7 * 39 * 133 * 19 * 130

Ans ✗ 1. ÷, +, −, ×, =

✗ 2. ×, −, +, ÷, =

✔ 3. ×, +, −, ÷, =

✗ 4. ÷, −, +, ×, =

Q.21 Study the given pattern carefully and select the number that can replace the question mark
(?) in it.

3 5 7
23 27 31
69 135 ?

Ans ✗ 1. 155

✔ 2. 217

✗ 3. 266

✗ 4. 93
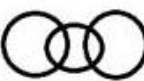
Q.22 Select the Venn diagram that best illustrates the relationship between the following classes.

Universe, Pluto, Solar system

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.

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

17, 20, 80, 85, ?, 517

Ans ✗ 1. 504

✗ 2. 412

✗ 3. 213

✓ 4. 510

Question ID : **81616113728**
Status : **Answered**
Chosen Option : **4**

Q.24 Ramesh is the father of Manideep. Ramesh has only two children. Manideep is the brother of Niharika. Niharika is the daughter of Kavita. Ananya is the granddaughter of Kavita. Sujit is the father of Ananya. How is Sujit related to Manideep?

Ans ✗ 1. Son

✗ 2. Brother

✓ 3. Brother-in-law

✗ 4. Son-in-law

Question ID : **81616113221**
Status : **Answered**
Chosen Option : **3**

Q.25 How many triangles are there in the given figure?

Ans ✗ 1. 14

✗ 2. 13

✓ 3. 12

✗ 4. 11

Question ID : **81616114140**
Status : **Answered**
Chosen Option : **3**

Section : **General Awareness**

Q.1 In which of the following years did Japan invade India resulting in the Battle of Imphal?

Ans ✓ 1. 1944

✗ 2. 1901

✗ 3. 1862

✗ 4. 1899

Question ID : **81616113251**
Status : **Answered**
Chosen Option : **1**

Q.2 Who among the following received the 'Global GoalKeeper' Award in 2019?

Ans ✗ 1. Abiy Ahmed

✓ 2. Narendra Modi

✗ 3. Nadia Murad

✗ 4. Elon Musk

Question ID : **81616113758**
Status : **Answered**
Chosen Option : **2**

Q.3 In 2020, who among the following became the most successful F1 driver with the most career wins, overtaking Michael Schumacher?

Ans ✗ 1. Sebastian Vettel

✗ 2. Fernando Alonso

✓ 3. Lewis Hamilton

✗ 4. Kimi Raikkonen

Question ID : **81616113762**
Status : **Answered**
Chosen Option : **3**

Q.4 In 2020, which of the following tiger reserves won the 'TX2 Award' for its efforts to increase the tiger population?

Ans ✗ 1. Periyar Tiger Reserve

✓ 2. Pilibhit Tiger Reserve

✗ 3. Ranthambhore Tiger Reserve

✗ 4. Sariska Tiger Reserve

Question ID : **81616113764**
Status : **Answered**
Chosen Option : **2**

Q.5 Rajnikant Devidas Shroff was awarded the Padma Bhushan in the field of _____ in January 2021.

Ans ✗ 1. art

✓ 2. trade and industry

✗ 3. politics

✗ 4. science

Question ID : **81616113254**
Status : **Answered**
Chosen Option : **2**

Q.6 Which of the following statements is correct?

Ans ✗ 1. Magnetic flux is a vector quantity.

✗ 2. Two magnetic field lines may intersect.

✓ 3. The net magnetic flux through any closed surface is zero.

✗ 4. Earth's magnetic poles coincide with the geographic poles.

Question ID : **81616113747**
Status : **Answered**
Chosen Option : **3**

Q.7 Alivardi Khan was a Nawab of _____.

Ans
   ✗ 1. Deccan

   ✗ 2. Malabar

   ✗ 3. Awadh

   ✔ 4. Bengal

Question ID : **81616114159**
Status : **Answered**
Chosen Option : **4**

Q.8 Plants grown at which of the following places take up carbon dioxide during the night?

Ans
   ✗ 1. Ocean beds

   ✔ 2. Deserts

   ✗ 3. Roof tops

   ✗ 4. Hilly terrains

Question ID : **81616114152**
Status : **Answered**
Chosen Option : **2**

Q.9 Bombay Stock Exchange became the first stock exchange in India to launch commodity derivatives contract in gold and _____.

Ans
   ✗ 1. diamond

   ✔ 2. silver

   ✗ 3. platinum

   ✗ 4. equity

Question ID : **81616114149**
Status : **Answered**
Chosen Option : **4**

Q.10 _____ is an alphanumeric code that uniquely identifies a bank-branch participating in the NEFT system.

Ans
   ✔ 1. IFSC

   ✗ 2. STP

   ✗ 3. SFMS

   ✗ 4. RTGS

Question ID : **81616113239**
Status : **Answered**
Chosen Option : **1**

Q.11 Which of the following is NOT a storage root?

Ans
   ✗ 1. Napiform root

   ✔ 2. Breathing root

   ✗ 3. Conical root

   ✗ 4. Fusiform root

Question ID : **81616112234**
Status : **Not Answered**
Chosen Option : **--**

Q.12 The main collections of Vedic hymns are called _____.

Ans ✗ 1. Sutra

✗ 2. Pad

✓ 3. Samhita

✗ 4. Mukh

Question ID : **81616112239**
Status : **Answered**
Chosen Option : **3**

Q.13 In which of the following years was the Rajya Sabha first constituted?

Ans ✓ 1. 1952

✗ 2. 1947

✗ 3. 1950

✗ 4. 1948

Question ID : **81616113256**
Status : **Answered**
Chosen Option : **1**

Q.14 Who among the following is the founder of the field of psychoanalysis?

Ans ✗ 1. Carl Jung

✗ 2. Kai T Erikson

✗ 3. Jean Piaget

✓ 4. Sigmund Freud

Question ID : **81616113245**
Status : **Not Answered**
Chosen Option : **--**

Q.15 The 'Lezim' dance form is peculiar to which of the following states?

Ans ✗ 1. Karnataka

✗ 2. Bihar

✓ 3. Maharashtra

✗ 4. Gujarat

Question ID : **81616114147**
Status : **Not Answered**
Chosen Option : **--**

Q.16 The colour of an emerald is generally _____.

Ans ✓ 1. green

✗ 2. blue

✗ 3. yellow

✗ 4. red

Question ID : **81616114155**
Status : **Answered**
Chosen Option : **1**

Q.17 ISRO's Polar Satellite Launch Vehicle (PSLV) successfully launched a remote sensing satellite of which country on 28th February 2021?

Ans ✗ 1. Spain

✓ 2. Brazil

✗ 3. Mexico

✗ 4. Cuba

Question ID : **81616113766**
Status : **Answered**
Chosen Option : **2**

Q.18 Which of the following states renamed the dragon fruit as 'Kamalam' in January 2021?

Ans ✗ 1. Rajasthan

✓ 2. Gujarat

✗ 3. Uttar Pradesh

✗ 4. Tamil Nadu

Question ID : **81616113260**
Status : **Answered**
Chosen Option : **3**

Q.19 Sandalwood grows in which type of forests?

Ans ✗ 1. Savanna forests

✗ 2. Equatorial evergreen forests

✗ 3. Tropical rainforests

✓ 4. Tropical deciduous forests

Question ID : **81616113247**
Status : **Answered**
Chosen Option : **4**

Q.20 Who among the following was the first Indian table tennis player ever to become a nine times senior national champion as of January 2021?

Ans ✗ 1. Manav Thakkar

✗ 2. Soumyajit Ghosh

✓ 3. Achanta Sharath Kamal

✗ 4. Harmeet Desai

Question ID : **81616112248**
Status : **Answered**
Chosen Option : **3**

Q.21 _____ are thick deposits of glacial clay and other materials embedded with moraines.

Ans ✓ 1. Karewas

✗ 2. Bhabars

✗ 3. Duars

✗ 4. Duns

Question ID : **81616113753**
Status : **Answered**
Chosen Option : **3**

Q.22 Siddhendra Yogi, a doyen of the _____ dance form, was lauded as Adi Guru.

Ans ✗ 1. Bharatanatyam

✔ 2. Kuchipudi

✗ 3. Kathakali

✗ 4. Kathak

Question ID : **81616112227**
Status : **Answered**
Chosen Option : **3**

Q.23 As of January 2021, who among the following is the Union Minister for Information and Broadcasting?

Ans ✗ 1. Smriti Irani

✔ 2. Prakash Javadekar

✗ 3. Babul Supriyo

✗ 4. Ravi Shankar Prasad

Question ID : **81616114164**
Status : **Answered**
Chosen Option : **2**

Q.24 Chandragupta led a revolt against the _____ and overthrew them.

Ans ✗ 1. Shishunagas

✗ 2. Kushanas

✗ 3. Haryankas

✔ 4. Nandas

Question ID : **81616112242**
Status : **Answered**
Chosen Option : **4**

Q.25 _____ is the external agency applied on a body to change its state of rest or uniform motion.

Ans ✗ 1. Heat

✗ 2. Power

✗ 3. Energy

✔ 4. Force

Question ID : **81616112231**
Status : **Answered**
Chosen Option : **4**

Section : **Quantitative Aptitude**

Q.1 Study the following table and answer the question:

Number of students Appeared (A) and Passed (P) in an annual examination from four schools Q, R, S & T in five years (2014 to 2018)

School / Year	Q		R		S		T	
	A	P	A	P	A	P	A	P
2014	320	240	400	340	420	273	250	225
2015	400	320	380	285	350	280	300	228
2016	440	286	360	288	330	264	320	256
2017	350	252	420	294	380	247	350	315
2018	375	320	450	405	400	344	375	300

The ratio of the total number of students appeared from school Q in 2017 and from school S in 2018 to the total number of students passed from school R in 2018 and school T in 2014, is:

Ans ✗ 1. $16 : 9$

✗ 2. $5 : 7$

✗ 3. $7 : 8$

✔ 4. $25 : 21$

Question ID : **81616114293**
Status : **Answered**
Chosen Option : **4**

Q.2 The value of

$$(\sin 37° \cos 53° + \cos 37° \sin 53°) - \frac{4\cos^2 37° - 7 + 4\cos^2 53°}{\tan^2 47° + 4 - \csc^2 43°} \text{ is:}$$

Ans ✗ 1. 1

✗ 2. -2

✗ 3. 0

✔ 4. 2

Question ID : **81616114089**
Status : **Answered**
Chosen Option : **4**

Q.3 AB is a chord of a circle in minor segment with center O. C is a point on the minor arc of the circle between the points A and B. The tangents to the circle at A and B meet at the point P. If ∠ ACB = 102 °, then what is the measure of ∠ APB?

Ans ✗ 1. $27°$

✗ 2. $29°$

✔ 3. $24°$

✗ 4. $23°$

Question ID : **81616114186**
Status : **Answered**
Chosen Option : **3**

Q.4 A shopkeeper marked every item 25% above the cost price and allowed 10% discount. Shruti being a regular customer got 5% additional discount on the bill and paid ₹2394 for the item purchased. What is the cost price of the item (in ₹)?

Ans ✗ 1. 2440

✔ 2. 2240

✗ 3. 2220

✗ 4. 2420

Question ID : **81616112255**
Status : **Answered**
Chosen Option : **2**

Q.5 The average of x occurring 5 times and y occurring 7 times is 37. Also, the average of x occurring 7 times and y occurring 5 times is 35. The value of y is:

Ans ✗ 1. 30

✗ 2. 27

✔ 3. 42

✗ 4. 45

Q.6 In an examination, 45% of all the students who appeared are boys and the rest are girls. If 60% of the boys and 70% of the girls passed, then what is the percentage of students who failed?

Ans ✗ 1. 36

✗ 2. 35.4

✗ 3. 40

✔ 4. 34.5

Q.7 The value of $18 \div [26 - \{25 - (15 - 5) \div 2\}] \ of \ 12 + 2 - 2 \div 4 \times 16$ is:

Ans ✗ 1. $\dfrac{9}{4}$

✗ 2. $\dfrac{3}{2}$

✗ 3. $-\dfrac{25}{2}$

✔ 4. $-\dfrac{23}{4}$

Q.8 What is the difference (in ₹) between the simple interest and the compound interest on a sum of ₹8000 for $2\frac{2}{5}$ years at the rate of 10% p.a., when the interest is compounded yearly?

Ans ✗ 1. 152.80

✗ 2. 150

✗ 3. 155

✔ 4. 147.20

Q.9 If $x^4 + y^4 + x^2y^2 = 21$ and $x^2 + y^2 - xy = 7$, then what is the value of $\frac{x}{y} + \frac{y}{x}$?

Ans

✗ 1. $\frac{3}{4}$

✗ 2. $-\frac{3}{2}$

✔ 3. $-\frac{5}{2}$

✗ 4. $\frac{5}{4}$

Q.10 The data given in the table shows the number of boys and girls enrolled in three different streams in a school over 5 years. (2012 to 2020)

years	Arts		Science		Commerce	
	Boys	Girls	Boys	Girls	Boys	Girls
2012	48	36	40	35	35	45
2014	42	43	42	32	32	42
2016	45	42	38	30	36	38
2018	39	46	41	23	28	34
2020	36	43	39	30	39	41

What is the difference between the average of the number of boys in the Commerce stream for the 5 years and the average of the number of girls in the Arts stream for the 5 years?

Ans

✗ 1. 40

✗ 2. 12

✗ 3. 10

✔ 4. 8

Q.11 Study the following table and answer the question:

Number of students Appeared (A) and Passed (P) in an annual examination from four schools Q, R, S & T in five years (2014 to 2018)

School Year	Q		R		S		T	
	A	P	A	P	A	P	A	P
2014	320	240	400	340	420	273	250	225
2015	400	320	380	285	350	280	300	228
2016	440	286	360	288	330	264	320	256
2017	350	252	420	294	380	247	350	315
2018	375	320	450	405	400	344	375	300

The total number of students passed from school Q in 2014 and 2018 is what percent less than the total number of students appeared from schools R and S in 2017?

Ans

✗ 1. 35.4%

✔ 2. 30%

✗ 3. 25%

✗ 4. 42.9%

Q.12 If $3\sin^2\theta - \cos\theta - 1 = 0$, $0° < \theta < 90°$, then what is the value of $\cot\theta + \csc\theta$?

Ans

✗ 1. $2\sqrt{5}$

✗ 2. $2\sqrt{3}$

✗ 3. $\dfrac{3\sqrt{2}}{2}$

✔ 4. $\sqrt{5}$

Q.13 The following Bar Graphs represent the Export of Tea (in lakh tonnes) by two companies A and B during the years 2010 to 2015.

Study the chart and answer the question written below:

(Note: The data shown below is only for mathematical exercise. They do not represent the actual figures).

Export of Tea (in lakh tonnes) by two companies A and B during 2010 to 2015

What is the ratio of the total exports of company B in 2011 and 2014 to the total exports of company A in 2012 and 2015?

Ans

✔ 1. $55 : 68$

✗ 2. $29 : 37$

✗ 3. $68 : 55$

✗ 4. $37 : 29$

Q.14 If $x + y = 3$ and $\dfrac{1}{x} + \dfrac{1}{y} = -\dfrac{3}{10}$, then the value of $(x^2 + y^2)$ is :

Ans

✗ 1. 28

✗ 2. 34

✔ 3. 29

✗ 4. 26

Q.15 Simplify the following expression.

$$\frac{(375 + 125)^2 - (125 - 375)^2}{375 \times 375 - 125 \times 125}$$

Ans ✗ 1. $\frac{15}{8}$

 ✗ 2. $\frac{3}{4}$

 ✓ 3. $\frac{3}{2}$

 ✗ 4. $\frac{27}{28}$

Q.16 A and B together can complete a certain work in 20 days whereas B and C together can complete it in 24 days. If A is twice as good a workman as C, then in what time will B alone do 40% of the same work?

Ans ✓ 1. 12 days

 ✗ 2. 10 days

 ✗ 3. 18 days

 ✗ 4. 15 days

Q.17 Point P lies outside a circle with centre O. Tangents PA and PB are drawn to meet the circle at A and B respectively. If ∠APB = 80°, then ∠OAB is equal to :

Ans ✗ 1. 140°

 ✓ 2. 40°

 ✗ 3. 70°

 ✗ 4. 35°

Q.18 Akhil takes 30 minutes extra to cover a distance of 150 km if he drives 10 km/h slower than his usual speed. How much time will he take to drive 90 km if he drives 15 km per hour slower than his usual speed?

Ans ✗ 1. 2 h 15 m

 ✓ 2. 2 h

 ✗ 3. 2 h 45 m

 ✗ 4. 2 h 30 m

Q.19 Chord AB of a circle of radius 10 cm is at a distance 8 cm from the centre O. If tangents drawn at A and B intersect at P, then the length of the tangent AP (in cm) is:

Ans ✗ 1. 4

✗ 2. 15

✗ 3. 3.75

✔ 4. 7.5

Question ID : 81616113279
Status : **Answered**
Chosen Option : **4**

Q.20 The perimeter of a semi-circle is 25.7 cm. What is its diameter (in cm)? ($\pi = 3.14$)

Ans ✗ 1. 8

✗ 2. 12

✔ 3. 10

✗ 4. 9

Question ID : 81616113272
Status : **Answered**
Chosen Option : **3**

Q.21 Find the value of $sin^4\ 30° + cos^4\ 30° - sin\ 25°cos\ 65° - sin\ 65°cos\ 25°$.

Ans ✗ 1. $\frac{5}{8}$

✔ 2. $-\frac{3}{8}$

✗ 3. $\frac{13}{8}$

✗ 4. 0

Question ID : 81616112776
Status : **Answered**
Chosen Option : **2**

Q.22 Find the ratio between the fourth proportional of 12, 16, 6 and the third proportional of 4, 6.

Ans ✗ 1. $11:5$

✗ 2. $3:2$

✗ 3. $4:3$

✔ 4. $8:9$

Question ID : 81616112258
Status : **Answered**
Chosen Option : **4**

Q.23 If the 8-digit number $888x53y4$ is divisible by 72, then what is the value of $(7x + 2y)$, for the maximum value of y ?

Ans
  ✗ 1. 19

  ✗ 2. 15

  ✔ 3. 23

  ✗ 4. 27

Q.24 $\triangle ABC \sim \triangle DEF$. If the areas of $\triangle ABC$ and $\triangle DEF$ are $100\ cm^2$ and $81\ cm^2$, respectively and the altitude of $\triangle DEF$ is $6.3\ cm$, then the corresponding altitude of $\triangle ABC$ is:

Ans
  ✗ 1. $5.6\ cm$

  ✗ 2. $9\ cm$

  ✔ 3. $7\ cm$

  ✗ 4. $8.4\ cm$

Q.25 A trader sells an article at 16% below its cost price. Had he sold it for ₹192.20 more, he would have gained 15%. The cost price (in ₹) of the article is:

Ans
  ✗ 1. 720

  ✔ 2. 620

  ✗ 3. 640

  ✗ 4. 680

Section : **English Comprehension**

Q.1 Select the INCORRECTLY spelt word.

Ans
  ✗ 1. Seasonal

  ✔ 2. Hygeinic

  ✗ 3. Celestial

  ✗ 4. Gymnastic

Q.2 Select the option that will substitute the underlined part of the given sentence. In case no substitution is needed, select 'No substitution required'.

When I met the couple yesterday I noticed that the wife was <u>more taller</u> than her husband.

Ans ✗ 1. much tallest

✗ 2. much tall

✗ 3. No substitution required

✓ 4. taller

Question ID : **81616114200**
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.

Something that is to your advantage but happened by chance

Ans ✗ 1. Occidental

✗ 2. Purposeful

✗ 3. Deliberate

✓ 4. Fortuitous

Question ID : **81616114217**
Status : **Answered**
Chosen Option : **4**

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

Sneha said to me, "I was watching TV."

Ans ✗ 1. Sneha told me that she was watching TV.

✗ 2. Sneha said to me that I was watching TV.

✓ 3. Sneha told me that she had been watching TV.

✗ 4. Sneha told me that I was watching TV.

Question ID : **81616113290**
Status : **Answered**
Chosen Option : **3**

Q.5 Select the most appropriate meaning of the given idiom.

A kick in the teeth

Ans ✗ 1. Severe toothache

✓ 2. A grave setback

✗ 3. Removing tooth cavities

✗ 4. Hitting someone hard

Question ID : **81616112296**
Status : **Answered**
Chosen Option : **2**

Q.6 Select the option that expresses the given sentence in passive voice.

Imran has found two good jobs in the advertisements of the newspaper.

Ans ✗ 1. Two good jobs are being found by Imran in the advertisements of the newspaper.

✗ 2. Two good jobs had found by Imran in the advertisements of the newspaper.

✓ 3. Two good jobs have been found by Imran in the advertisements of the newspaper.

✗ 4. Two good jobs has found by Imran in the advertisements of the newspaper.

Question ID : **81616114198**
Status : **Answered**
Chosen Option : **3**

Q.7 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.

We don't really / want a large house; / we are looking for some comfort / and some convenience on a moderate price.

Ans ✓ 1. and some convenience on a moderate price

✗ 2. want a large house

✗ 3. We don't really

✗ 4. we are looking for some comfort

Question ID : **81616114197**
Status : **Answered**
Chosen Option : **1**

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

Testify

Ans ✓ 1. Affirm

✗ 2. Oppose

✗ 3. Disprove

✗ 4. Invalidate

Question ID : **81616113302**
Status : **Answered**
Chosen Option : **1**

Q.9 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. But a dove that happened to be sitting on a neighbouring tree saw the ant's danger and, plucking off a leaf, let it drop into the water before him.
B. Just at that time, a fowler was spreading his net and was in the act of ensnaring the dove, when the ant, perceiving his object, bit his heel.
C. An ant went to a fountain to quench his thirst and, tumbling in, almost drowned.
D. The ant mounting upon it, was presently wafted safely ashore.

Ans ✗ 1. ABCD

✗ 2. CBAD

✓ 3. CADB

✗ 4. DCAB

Question ID : **81616113804**
Status : **Answered**
Chosen Option : **2**

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

Abolish

Ans ✔ 1. Eliminate

✘ 2. Establish

✘ 3. Continue

✘ 4. Introduce

Question ID : **81616113301**
Status : **Answered**
Chosen Option : **1**

Q.11 Select the most appropriate option to fill in the blank.

Some people were tired of the long _____ in front of the mall and left without entering.

Ans ✔ 1. wait

✘ 2. waist

✘ 3. weight

✘ 4. waste

Question ID : **81616114220**
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.

Lalitha will go / to sister's house / in Mumbai / this summer.

Ans ✔ 1. to sister's house

✘ 2. in Mumbai

✘ 3. Lalitha will go

✘ 4. this summer

Question ID : **81616112277**
Status : **Answered**
Chosen Option : **1**

Q.13 Select the most appropriate meaning of the given idiom.

A stumbling block

Ans ✘ 1. Putting stones along the way

✔ 2. An obstacle to progress

✘ 3. Skipping over a hurdle

✘ 4. Removing stones on the way

Question ID : **81616112295**
Status : **Answered**
Chosen Option : **2**

Q.14 Select the most appropriate option to fill in the blank.

Keats and Shelley were poets of the same period; they were _____.

Ans ✗ 1. colleagues

✗ 2. associates

✓ 3. contemporaries

✗ 4. acquaintances

Question ID : **81616113312**
Status : **Answered**
Chosen Option : **3**

Q.15 Select the option that can be used as a one-word substitute for the given group of words.

To throw an event into confusion or disorder

Ans ✓ 1. Disrupt

✗ 2. Detonate

✗ 3. Erupt

✗ 4. Explode

Question ID : **81616114216**
Status : **Answered**
Chosen Option : **1**

Q.16 Select the option that will improve the underlined part of the sentence. In case no improvement is needed, select 'No improvement'.

The teacher advised the children to not went near the lake.

Ans ✗ 1. don't go

✓ 2. not to go

✗ 3. not to be going

✗ 4. No improvement

Question ID : **81616113292**
Status : **Answered**
Chosen Option : **2**

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

Revel

Ans ✗ 1. Appreciate

✗ 2. Rejoice

✓ 3. Mourn

✗ 4. Enjoy

Question ID : **81616113808**
Status : **Answered**
Chosen Option : **3**

Q.18 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. However, its importance is primarily for its location.
B. But unlike other rivers, it is not used for shipping.
C. Although not the longest river, the Rio Grande is the most important river in America.
D. America has several long river systems.

Ans ✗ 1. DABC

✓ 2. DCBA

✗ 3. ABCD

✗ 4. DCAB

Question ID : **81616112290**
Status : **Answered**
Chosen Option : **4**

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

Downcast

Ans ✗ 1. Disappointed

✗ 2. Distressed

✗ 3. Successful

✓ 4. Cheerful

Question ID : **81616112294**
Status : **Answered**
Chosen Option : **4**

Q.20 Select the INCORRECTLY spelt word.

Ans ✗ 1. Lizard

✓ 2. Scorpeon

✗ 3. Chameleon

✗ 4. Caterpillar

Question ID : **81616113814**
Status : **Answered**
Chosen Option : **2**

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 blank.

The Panchatantra is a legendary collection of short stories from India. (1)_____ composed in the 2nd century BC, Panchatantra is (2)_____ to be written by Vishnu Sharma (3)_____ with many other scholars. The purpose behind the composition (4)_____ to implant moral values and governing (5)_____ in the young sons of the king.

SubQuestion No : 21

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

Ans ✗ 1. Firstly

✗ 2. Ultimately

✗ 3. Eventually

✓ 4. Originally

Question ID : **81616113799**
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 blank.

The Panchatantra is a legendary collection of short stories from India. (1)_____ composed in the 2nd century BC, Panchatantra is (2)_____ to be written by Vishnu Sharma (3)_____ with many other scholars. The purpose behind the composition (4)_____ to implant moral values and governing (5)_____ in the young sons of the king.

SubQuestion No : 22

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

Ans ✔ 1. believed

✘ 2. designed

✘ 3. established

✘ 4. alleged

Question ID : **81616113800**
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 blank.

The Panchatantra is a legendary collection of short stories from India. (1)_____ composed in the 2nd century BC, Panchatantra is (2)_____ to be written by Vishnu Sharma (3)_____ with many other scholars. The purpose behind the composition (4)_____ to implant moral values and governing (5)_____ in the young sons of the king.

SubQuestion No : 23

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

Ans ✘ 1. near

✘ 2. next

✘ 3. beside

✔ 4. along

Question ID : **81616113801**
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 blank.

The Panchatantra is a legendary collection of short stories from India. (1)_____ composed in the 2nd century BC, Panchatantra is (2)_____ to be written by Vishnu Sharma (3)_____ with many other scholars. The purpose behind the composition (4)_____ to implant moral values and governing (5)_____ in the young sons of the king.

SubQuestion No : 24

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

Ans ✘ 1. are

✔ 2. was

✘ 3. be

✘ 4. were

Question ID : **81616113802**
Status : **Answered**
Chosen Option : **2**

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 blank.

The Panchatantra is a legendary collection of short stories from India. (1)_____ composed in the 2nd century BC, Panchatantra is (2)_____ to be written by Vishnu Sharma (3)_____ with many other scholars. The purpose behind the composition (4)_____ to implant moral values and governing (5)_____ in the young sons of the king.

SubQuestion No : 25

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

Ans ✗ 1. faculties

✗ 2. flairs

✔ 3. skills

✗ 4. gifts

Question ID : **81616113803**
Status : **Answered**
Chosen Option : **3**

Combined Graduate Level Examination 2020 Tier-I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	18/08/2021
Exam Time	12:00 PM - 1:00 PM
Subject	Combined Graduate Level Examination 2020 Tier 1

Section : **General Intelligence and Reasoning**

Q.1 If 'A # B' means 'A is the sister of B' and 'A @ B' means 'A is the mother of B', then which of the following expressions means 'C is the mother of F'?

Ans   ✖ 1. H @ C # M # F

    ✖ 2. F @ H # M # C

    ✔ 3. C @ H # M # F

    ✖ 4. C @ H # M @ F

Question ID : **81616114029**
Status : **Answered**
Chosen Option : **3**

Q.2 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

K _ C T Q _ O C _ _ K O _ T _ K O _ T T

Ans   ✖ 1. O, K, T, R, C, T, C

    ✔ 2. O, K, T, R, C, S, C

    ✖ 3. P, K, T, R, C, S, C

    ✖ 4. O, K, U, R, C, S, C

Question ID : **81616114028**
Status : **Answered**
Chosen Option : **2**

Q.3 Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different.

Ans   ✔ 1. Psychiatrists

    ✖ 2. Cardiologists

    ✖ 3. Nephrologists

    ✖ 4. Pulmonologists

Question ID : **81616114023**
Status : **Answered**
Chosen Option : **1**

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.
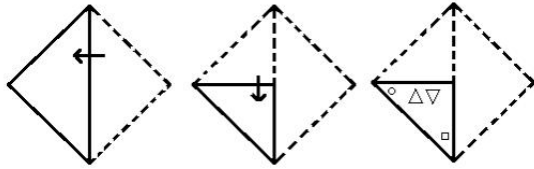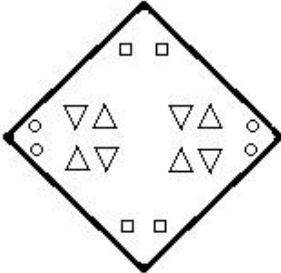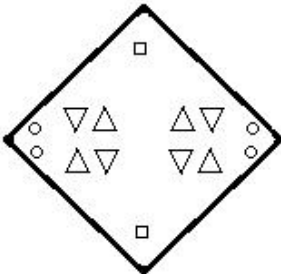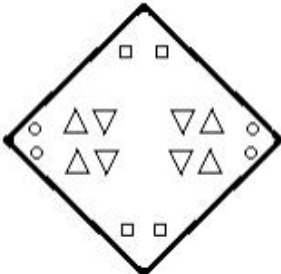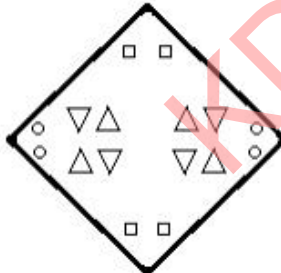
Q.5 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(5, 11, 275)

Ans ✗ 1. (6, 18, 180)

✓ 2. (4, 16, 256)

✗ 3. (8, 14, 490)

✗ 4. (9, 15, 270)

Question ID : **81616114135**
Status : **Answered**
Chosen Option : **2**

Q.6 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

NZK, MBH, LDE, KFB, ?

Ans ✗ 1. JHZ

✓ 2. JHY

✗ 3. HIY

✗ 4. JHX

Question ID : **81616114020**
Status : **Answered**
Chosen Option : **2**

Q.7 Select the figure from among the given options that can replace the question mark (?) in the following series.

	Y	M	ʓ	♈	♯	?
&	⅄	⋏	☿	♭		

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.
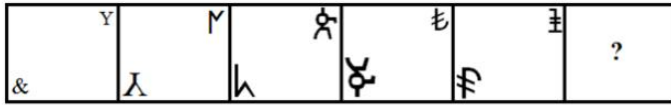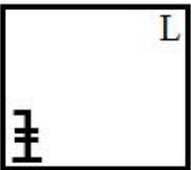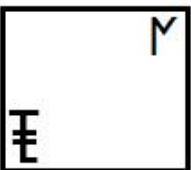
Q.8 How many triangles are there in the given figure?

Ans

✔ 1. 13

✘ 2. 15

✘ 3. 14

✘ 4. 12

Q.9 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.

M

4 5 8 2 1 6 9 |

N

Ans ✔ 1. ୧ଚୱ୮ଽଃ୨

✗ 2. ୧ଚ୮ଽ୫ଃ୨

✗ 3. ୧୨ୱ୮ଽ୫ଃ

✗ 4. ୧ଚ୮ଽ୫ଃ୨

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

6, 7, 23, 41, 125, ?

Ans ✗ 1. 345

✗ 2. 254

✔ 3. 245

✗ 4. 354

Q.11 Select the option that is related to the third word in the same way as the second word is related to the first word.

Conceit : Modesty : : Despair : ?

Ans ✗ 1. Anguish

✗ 2. Gloom

✔ 3. Hope

✗ 4. Pain

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 dustbins are plastic items.
No plastic item is stone.
All woods are stones.

Conclusions:
I. No dustbin is wood.
II. No plastic item is wood.
III. Some woods may be dustbins.

Ans ✘ 1. Only conclusion I follows

✘ 2. All the conclusions follow

✘ 3. Only conclusion II follows

✔ 4. Only conclusions I and II follow

Question ID : **81616114131**
Status : **Answered**
Chosen Option : **4**

Q.13 Select the cube(s) that can be formed by folding the given sheet along the lines.
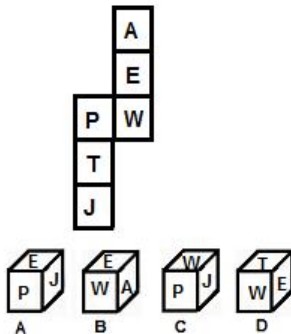
Ans ✘ 1. Only C and D

✘ 2. Only A and D

✘ 3. Only A and C

✔ 4. No figure can be formed

Question ID : **81616114040**
Status : **Answered**
Chosen Option : **4**

Q.14 What was the day of the week on 10 June 2011?

Ans ✘ 1. Sunday

✘ 2. Saturday

✔ 3. Friday

✘ 4. Monday

Question ID : **81616114037**
Status : **Answered**
Chosen Option : **3**

Q.15 In a certain code language, 'SURROUND' is written as 'RRUSDNUO'. How will 'MITIGATE' be written in that language?

Ans ✔ 1. ITIMETAG

✘ 2. ITIEMTAG

✘ 3. ITIMETGA

✘ 4. TIIMTEAG

Question ID : **81616114127**
Status : **Answered**
Chosen Option : **1**

Q.16 In a certain code language, 'NOSTALGIA' is coded as '81'. How will 'FRICTION' be coded in that language?

Ans ✘ 1. 85

✘ 2. 105

✘ 3. 36

✔ 4. 64

Question ID : **81616114027**
Status : **Not Answered**
Chosen Option : **--**

Q.17 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different.

Ans ✔ 1. 30 : 908

✘ 2. 25 : 631

✘ 3. 22 : 490

✘ 4. 21 : 447

Question ID : **81616114033**
Status : **Answered**
Chosen Option : **1**

Q.18 Select the option in which the words share the same relationship as that shared by the given pair of words.

Mauritius : Port Louis

Ans ✔ 1. Kenya : Nairobi

✘ 2. Nigeria : Senegal

✘ 3. Sudan : Tanzania

✘ 4. Zambia : Harare

Question ID : **81616114025**
Status : **Answered**
Chosen Option : **1**

Q.19 Which two numbers should be interchanged to make the given equation correct?

78 ÷ 48 × 8 + (26 × 7) − 39 + (45 + 15) = 210

Ans ✗ 1. 26 and 15

✗ 2. 78 and 45

✓ 3. 48 and 39

✗ 4. 45 and 48

Q.20 In the following Venn diagram, the square stands for 'Doctors', the circle stands for 'Blood donators', and the pentagon stands for 'Women'. The given numbers represent the number of persons in that particular category.
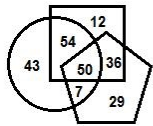
How many women doctors are blood donators?

Ans ✗ 1. 54

✗ 2. 57

✗ 3. 36

✓ 4. 50

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

Ans ✗ 1.

✓ 2.

✗ 3.

✗ 4.

Q.22 Select the option that is related to the fourth number in the same way as the first number is related to the second number and the fifth number is related to the sixth number.

83 : 3 :: ? : 5 :: 258 : 4

Ans   ✗ 1. 123

     ✗ 2. 222

     ✔ 3. 627

     ✗ 4. 527

Question ID : **81616114133**
Status : **Answered**
Chosen Option : **3**

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. NRJG

     ✗ 2. TXCZ

     ✗ 3. FJQN

     ✗ 4. DHSP

Question ID : **81616112709**
Status : **Answered**
Chosen Option : **1**

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. Turban
2. Terminator
3. Twister
4. Temptation
5. Terrorism

Ans   ✗ 1. 4, 5, 2, 1, 3

     ✗ 2. 4, 2, 1, 3, 5

     ✗ 3. 4, 1, 3, 2, 5

     ✔ 4. 4, 2, 5, 1, 3

Question ID : **81616112708**
Status : **Answered**
Chosen Option : **4**

Q.25 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(18, 24, 144)

Ans   ✔ 1. (26, 15, 130)

     ✗ 2. (22, 18, 246)

     ✗ 3. (16, 12, 109)

     ✗ 4. (18, 20, 137)

Question ID : **81616114035**
Status : **Not Answered**
Chosen Option : **--**

Section : **General Awareness**

Q.1 World Leprosy Day 2021 was celebrated in India on _____ January 2021.

Ans ✗ 1. 22

✗ 2. 25

✗ 3. 31

✓ 4. 30

Question ID : **81616114068**
Status : **Answered**
Chosen Option : **4**

Q.2 Which of the following is an award for contribution in the field of science and technology?

Ans ✗ 1. Deenanath Mangeshkar Award

✗ 2. Dronacharya Award

✗ 3. Jnanpith Award

✓ 4. Shanti Swarup Bhatnagar (SSB) Award

Question ID : **81616112748**
Status : **Answered**
Chosen Option : **1**

Q.3 With which of the following states does Bangladesh NOT share its border?

Ans ✓ 1. Nagaland

✗ 2. Tripura

✗ 3. Assam

✗ 4. Meghalaya

Question ID : **81616114054**
Status : **Answered**
Chosen Option : **1**

Q.4 _____ festival in the Bastar region is celebrated along with the worship of the local goddess, Kesharpal Kesharpalin Devi.

Ans ✓ 1. Madai

✗ 2. Khatarua

✗ 3. Harela

✗ 4. Phool Dei

Question ID : **81616114146**
Status : **Not Answered**
Chosen Option : **--**

Q.5 The rules made for the _____ were written down in a book called 'Vinaya Pitaka'.

Ans ✗ 1. Lingayats

✗ 2. Vaishnavites

✓ 3. Buddhist sangha

✗ 4. Shakta cult

Question ID : **81616114161**

Status : **Answered**

Chosen Option : **3**

Q.6 _____ is the largest union territory in India in terms of area.

Ans ✗ 1. Chandigarh

✗ 2. Ladakh

✗ 3. Puducherry

✓ 4. Jammu and Kashmir

Question ID : **81616112743**

Status : **Answered**

Chosen Option : **2**

Q.7 In 2020, Kolkata Port Trust was renamed as _____.

Ans ✓ 1. Syama Prasad Mookerjee Trust

✗ 2. Ramakrishna Trust

✗ 3. Sri Aurobindo Trust

✗ 4. Subhash Chandra Bose Trust

Question ID : **81616112756**

Status : **Answered**

Chosen Option : **1**

Q.8 Which of the following is a district-cum-tourism hotspot of Arunachal Pradesh?

Ans ✗ 1. Kalimpong

✗ 2. Alipurduar

✗ 3. Jalpaiguri

✓ 4. Tawang

Question ID : **81616114055**

Status : **Not Answered**

Chosen Option : **--**

Q.9 The Arjuna Awards are given by the Ministry of Youth Affairs and Sports to recognise outstanding achievement in sports and games. It was instituted in _____.

Ans ✗ 1. 1969

✗ 2. 1956

✓ 3. 1961

✗ 4. 1947

Question ID : **81616112752**

Status : **Not Answered**

Chosen Option : **--**

Q.10 Weber per second is equivalent to _____.

Ans ✔ 1. volt

✘ 2. coulomb

✘ 3. ohm

✘ 4. ampere

Question ID : **81616114053**
Status : **Not Answered**
Chosen Option : **--**

Q.11 Which of the following diseases is caused by bacteria?

Ans ✔ 1. Diphtheria

✘ 2. Polio

✘ 3. Rubella

✘ 4. Zika fever

Question ID : **81616114051**
Status : **Answered**
Chosen Option : **1**

Q.12 Who is the author of the book, 'Men in White - A Book of Cricket'?

Ans ✘ 1. Boria Mazumdar

✔ 2. Mukul Kesavan

✘ 3. Harsha Bhogle

✘ 4. Sanjay Manjrekar

Question ID : **81616114062**
Status : **Not Answered**
Chosen Option : **--**

Q.13 Alamgir was the title of which Mughal emperor?

Ans ✘ 1. Shah Jahan

✘ 2. Babur

✘ 3. Akbar

✔ 4. Aurangzeb

Question ID : **81616114058**
Status : **Answered**
Chosen Option : **4**

Q.14 In 1977, who became the President of the Janata Party, which formed a coalition government at the centre with Morarji Desai as the Prime Minister?

Ans ✘ 1. Charan Singh

✘ 2. George Fernandes

✔ 3. Chandra Shekhar

✘ 4. Madhu Dandavate

Question ID : **81616114064**
Status : **Not Answered**
Chosen Option : **--**

Q.15 The archaeological site of Atranjikhera is located in _____.

Ans
   ✗ 1. Himachal Pradesh

   ✗ 2. Uttarakhand

   ✓ 3. Uttar Pradesh

   ✗ 4. Maharashtra

Question ID : **81616114059**
Status : **Not Answered**
Chosen Option : **--**

Q.16 Who is the General Secretary of Communist Party of India as of January 2021?

Ans
   ✗ 1. Sujan Chakrabarti

   ✗ 2. S Sudhakar Reddy

   ✓ 3. D Raja

   ✗ 4. Brinda Karat

Question ID : **81616114063**
Status : **Not Answered**
Chosen Option : **--**

Q.17 Atoms of which element combines with hydrogen to give water?

Ans
   ✗ 1. Nitrogen

   ✗ 2. Iodine

   ✗ 3. Carbon

   ✓ 4. Oxygen

Question ID : **81616114150**
Status : **Answered**
Chosen Option : **4**

Q.18 Which of the following is the SI unit for measuring the amount of a substance?

Ans
   ✗ 1. metre (m)

   ✓ 2. mole (mol)

   ✗ 3. kelvin (K)

   ✗ 4. candela (cd)

Question ID : **81616112737**
Status : **Answered**
Chosen Option : **2**

Q.19 IPR 1956 formed the basis of the _____ Five Year Plan of India.

Ans
   ✗ 1. First

   ✓ 2. Second

   ✗ 3. Third

   ✗ 4. Fourth

Question ID : **81616114047**
Status : **Answered**
Chosen Option : **1**

Q.20 The Kamaicha is a bowed lute played by the Manganiars of:

Ans ✔️ 1. west Rajasthan

❌ 2. west Goa

❌ 3. west Bihar

❌ 4. west Kerala

Question ID : **81616114046**
Status : **Not Answered**
Chosen Option : **--**

Q.21 In connection with the issue of adoption of villages by parliamentarians, a scheme named 'SAGY' was launched. What does the 'A' in SAGY stand for?

Ans ❌ 1. Apna

❌ 2. Anubhav

✔️ 3. Adarsh

❌ 4. Atmanirbhar

Question ID : **81616114048**
Status : **Not Answered**
Chosen Option : **--**

Q.22 With which of the following sports do you associate the term '16-yard hit'?

Ans ❌ 1. Lawn tennis

❌ 2. Golf

✔️ 3. Field hockey

❌ 4. Cricket

Question ID : **81616114167**
Status : **Not Answered**
Chosen Option : **--**

Q.23 Parsec is a unit of _____.

Ans ❌ 1. acceleration

❌ 2. time

✔️ 3. length

❌ 4. speed

Question ID : **81616114153**
Status : **Answered**
Chosen Option : **3**

Q.24 Which of the following is the nodal ministry for implementation of the 'SVAMITVA' scheme launched in 2020?

Ans ✗ 1. Ministry of Urban and Rural Development

✗ 2. Ministry of Education

✔ 3. Ministry of Panchayati Raj

✗ 4. Ministry of Agriculture and Farmers' Welfare

Question ID : **81616112754**
Status : **Answered**
Chosen Option : **2**

Q.25 The _____ sultanate was ruled by the Sharqi dynasty.

Ans ✗ 1. Agra

✗ 2. Delhi

✔ 3. Jaunpur

✗ 4. Bharatpur

Question ID : **81616114158**
Status : **Not Answered**
Chosen Option : **--**

Section : **Quantitative Aptitude**

Q.1 The cost of tiling the floor of a rectangular room is ₹9100 at ₹65 per m^2. The ratio of the length and breadth of the floor is 7 : 5. The perimeter (in m) of the floor of the room is:

Ans ✔ 1. 48

✗ 2. 24

✗ 3. 36

✗ 4. 28.8

Question ID : **81616114080**
Status : **Answered**
Chosen Option : **1**

Q.2 Simplify the following expression:

$$6 \div 4 \text{ of } 3 - 4 \div 6 \times (13 - 10) - 2 \times 15 \div 6 \times 6$$

Ans ✗ 1. $-19\frac{1}{2}$

✗ 2. $-27\frac{1}{2}$

✔ 3. $-31\frac{1}{2}$

✗ 4. $-29\frac{14}{17}$

Question ID : **81616112758**
Status : **Answered**
Chosen Option : **2**

Q.3 Medicines of three different flavors - A, B and C (in lakh bottles) manufactured by a pharmaceutical company over a period of five years from 2010 to 2014 is given in the bar graph.
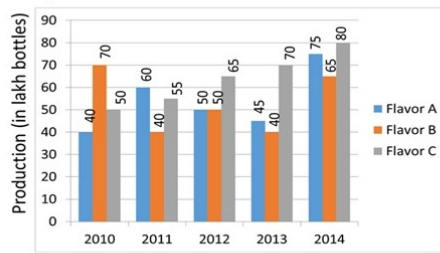
Production of flavor A in 2012 is what percent less than the average production of flavor B in all the years (correct to 2 decimal places)?

Ans ✗ 1. 3.87

✗ 2. 6.98

✓ 3. 5.66

✗ 4. 4.66

Question ID : **81616113185**
Status : **Answered**
Chosen Option : **3**

Q.4 The income of A is 20% less than the income of B and the income of C is 70% of the sum of incomes of A and B. The income of D is 25% more than the income of C. If the difference between the incomes of B and D is ₹23000, then what is the income (in ₹) of A?

Ans ✓ 1. 32000

✗ 2. 25000

✗ 3. 26000

✗ 4. 28000

Question ID : **81616114074**
Status : **Answered**
Chosen Option : **1**

Q.5 △ ABC is an equilateral triangle. D is a point on side BC such that BD : BC = 1 : 3. If AD = $5\sqrt{7}$ cm, then the side of the triangle is:

Ans ✗ 1. 18 cm

✗ 2. 12 cm

✗ 3. 20 cm

✓ 4. 15 cm

Question ID : **81616114087**
Status : **Not Answered**
Chosen Option : **--**

Q.6 If $5 \sin^2 \theta - 4 \cos \theta - 4 = 0,\ 0° < \theta < 90°$, then the value of $(\cot \theta + \mathrm{cosec}\,\theta)$ is:

Ans

✗ 1. $\dfrac{3}{2}$

✗ 2. $\dfrac{\sqrt{6}}{3}$

✗ 3. $\dfrac{2}{3}$

✔ 4. $\dfrac{\sqrt{6}}{2}$

Q.7 Bar graph shows the number of students enrolled for a vocational course in institutes A and B during 5 years.
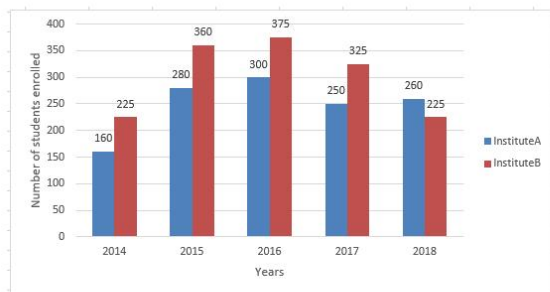
The average number of students enrolled in institute A during 2014, 2016 and 2018 is what percent less than the number of students enrolled in institute B during 2017 (correct to two decimal places)?

Ans

✗ 1. 22.46 %

✗ 2. 29.17 %

✔ 3. 26.15 %

✗ 4. 32.75 %

Q.8 Study the following table and answer the question:

Number of cars sold by dealers A, B, C, D & E during first six months of 2018.

Month / Dealer	January	February	March	April	May	June
A	620	640	628	635	430	625
B	600	642	635	580	450	620
C	640	635	640	540	625	740
D	520	645	722	740	600	780
E	548	638	720	740	650	800

80 % the total number of cars sold by dealers B and E in April is what percent less than the total number of cars sold by the dealers C and D in February?

Ans

✔ 1. 17.5%

✘ 2. 15%

✘ 3. 12.5%

✘ 4. 16%

Question ID : **81616114195**
Status : **Answered**
Chosen Option : **1**

Q.9 In $\triangle$ PQR, $\angle Q = 90°$. If $\tan R = \frac{1}{3}$, then what is the value of $\frac{secP(cosR+sinP)}{cosecR\,(sinR-cosecP)}$?

Ans

✘ 1. $-\frac{2}{7}$

✘ 2. $\frac{18}{7}$

✘ 3. $\frac{2}{7}$

✔ 4. $-\frac{18}{7}$

Question ID : **81616113584**
Status : **Answered**
Chosen Option : **4**

Q.10 The average of ten numbers is 32.5. The average of first four numbers is 25.6 and that of the last three numbers is 38.2. The 5th number is 50% more than the 6th number and 8 less than the 7th number. What is the average of 5th and 7th numbers?

Ans

✘ 1. 41

✘ 2. 42.4

✘ 3. 42

✔ 4. 41.5

Question ID : **81616114072**
Status : **Answered**
Chosen Option : **4**

Q.11 ABCD is a cyclic quadrilateral. AB and DC meet at F, when produced. AD and BC meet at E, when produced. If ∠BAD = 68° and ∠AEB = 27°, then what is the measure of ∠BFC?

Ans
✗ 1. 27°

✗ 2. 22°

✗ 3. 15°

✔ 4. 17°

Q.12 A sum of ₹3125 amounts to ₹3515.20 in 3 years at x % p.a., interest being compounded yearly. What will be the simple interest (in ₹) on the same sum and for the same time at $(x + 2)$ % p.a.?

Ans
✗ 1. 554

✔ 2. 562.50

✗ 3. 565.50

✗ 4. 550

Q.13 Suman travels from place X to Y and Rekha travels from Y to X, simultaneously. After meeting on the way, Suman and Rekha reach Y and X, in 3 hours 12 minutes and one hour 48 minutes, respectively. If the speed of Rekha is 9 km/h, then the speed (in km/h) of Suman is:

Ans
✗ 1. $7\frac{1}{2}$

✗ 2. 6

✗ 3. 8

✔ 4. $6\frac{3}{4}$

Q.14 A can complete a work in 60 days. B is 25% more efficient than A. They work together for 15 days. C alone completes the remaining work in 14 days. B and C together will complete $\frac{5}{8}$ th part of the original work in:

Ans
✗ 1. 18 days

✗ 2. 16 days

✔ 3. 12 days

✗ 4. 15 days

Q.15 In a trapezium PQRS, PQ is parallel to RS and diagonals PR and QS intersect at O. If PQ = 4 cm, SR = 10 cm, then what is area(ΔPOQ) : area(ΔSOR) ?

Ans

✓ 1. $4 : 25$

✗ 2. $2 : 3$

✗ 3. $4 : 9$

✗ 4. $2 : 5$

Q.16

If $x^2 - 5\sqrt{2}\, x + 1 = 0$, then what is the value of $\dfrac{\left(x^3 + \frac{1}{x}\right)}{x^2 + 1}$?

Ans

✗ 1. $\dfrac{12\sqrt{2}}{5}$

✓ 2. $\dfrac{24\sqrt{2}}{5}$

✗ 3. $\dfrac{26\sqrt{2}}{5}$

✗ 4. $\dfrac{18\sqrt{2}}{5}$

Q.17 A shopkeeper buys an article at 30% discount on its marked price and sells it at 5% discount on its marked price. If he earns a profit of ₹65, then what is the marked price (in ₹) of the article?

Ans

✓ 1. 260

✗ 2. 227.50

✗ 3. 325

✗ 4. 292.50

Q.18 A chord AB of circle C_1 of radius 17 cm touches circle C_2 which is concentric to C_1. The radius of C_2 is 8 cm. What is the length (in cm) of AB?

Ans

✓ 1. 30

✗ 2. 25

✗ 3. 20

✗ 4. 24

Q.19 What is the constant term in the expansion of $\left(5x^2 - \frac{1}{x}\right)^3$?

Ans
- ✗ 1. 5
- ✗ 2. -15
- ✓ 3. 15
- ✗ 4. 75

Q.20 If the 5-digit number $688xy$ is divisible by 3, 7 and 11, then what is the value of $(5x + 3y)$?

Ans
- ✗ 1. 43
- ✗ 2. 23
- ✗ 3. 36
- ✓ 4. 39

Q.21 By selling an article for ₹131.25, a trader gains as much percent as the number representing the cost price of the article. In order to earn 40% profit, at what price (in ₹) should he sell the article?

Ans
- ✗ 1. 100
- ✗ 2. 140
- ✓ 3. 105
- ✗ 4. 75

Q.22 A sum of ₹6342 is divided amongst A, B, C and D in the ratio 3 : 4 : 8 : 6. What is the difference between the shares of B and D?

Ans
- ✗ 1. ₹302
- ✗ 2. ₹906
- ✓ 3. ₹604
- ✗ 4. ₹1510

Q.23 If $x + y + z = 1$, $xy + yz + zx = xyz = -4$, then what is the value of $(x^3 + y^3 + z^3)$?

Ans
✗ 1. -1

✗ 2. -8

✔ 3. 1

✗ 4. 8

Q.24 Study the following table and answer the question:

Number of cars sold by dealers A, B, C, D & E during first six months of 2018.

Month / Dealer	January	February	March	April	May	June
A	620	640	628	635	430	625
B	600	642	635	580	450	620
C	640	635	640	540	625	740
D	520	645	722	740	600	780
E	548	638	720	740	650	800

The average number of cars sold by dealer C in February, April and May exceeds the number of cars sold by the dealer E in January by x. The value of x lies between

Ans
✗ 1. 40 and 45

✗ 2. 45 and 50

✔ 3. 50 and 55

✗ 4. 55 and 60

Q.25 If $tan\theta = \sqrt{5}$, then the value of $\frac{cosec^2\theta + sec^2\theta}{cosec^2\theta - sec^2\theta}$ is:

Ans
✗ 1. $\frac{3}{2}$

✔ 2. $-\frac{3}{2}$

✗ 3. $-\frac{7}{5}$

✗ 4. $\frac{7}{5}$

Section : **English Comprehension**

Q.1 **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.**

Four of earliest civilisations / of the world / were located / on the banks of or near large rivers.

Ans ✗ 1. were located on the banks of

✗ 2. of the world

✔ 3. Four of earliest civilisations

✗ 4. or near large rivers

Question ID : **81616114196**

Status : **Answered**

Chosen Option : **3**

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

Conceited

Ans ✔ 1. Modest

✗ 2. Proud

✗ 3. Superior

✗ 4. Vain

Question ID : **81616114213**

Status : **Answered**

Chosen Option : **1**

Q.3 **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.**

No sooner did Priya / get her report card / when she started jumping / with joy.

Ans ✗ 1. No sooner did Priya

✗ 2. with joy

✗ 3. get her report card

✔ 4. when she started jumping

Question ID : **81616114096**

Status : **Answered**

Chosen Option : **4**

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

With magnifying glass, we can observe how minute insects like ants behave.

Ans ✔ 1. With a magnifying glass

✗ 2. By a magnifying glass

✗ 3. No substitution

✗ 4. Using magnifying glass

Question ID : **81616114100**

Status : **Answered**

Chosen Option : **4**

Q.5 Select the option that expresses the given sentence in passive voice.

The boy's cricket ball broke the neighbour's window.

Ans ✗ 1. The neighbour's window was broke by the boy's cricket ball.

✔ 2. The neighbour's window was broken by the boy's cricket ball.

✗ 3. The neighbour's window is broken by the boy's cricket ball.

✗ 4. The neighbour's window had been broke by the boy's cricket ball.

Question ID : **81616114097**
Status : **Answered**
Chosen Option : **2**

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

Himank's health has _____ ever since he has refused to get himself treated.

Ans ✗ 1. disparaged

✗ 2. depreciated

✗ 3. denigrated

✔ 4. deteriorated

Question ID : **81616114120**
Status : **Answered**
Chosen Option : **4**

Q.7 Select the most appropriate ANTONYM of the given word.

Comfort

Ans ✗ 1. Luxury

✗ 2. Happiness

✗ 3. Enjoyment

✔ 4. Discontentment

Question ID : **81616112798**
Status : **Answered**
Chosen Option : **4**

Q.8 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

Suresh has only been working here since one month and he has already learnt the job.

Ans ✗ 1. here from one month

✔ 2. here for one month

✗ 3. No substitution

✗ 4. here ever since one month

Question ID : **81616114099**
Status : **Answered**
Chosen Option : **2**

Q.9 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. They stopped at a village on the way to rest and drink water and found the entire village had gathered to watch a weightlifter who was putting on a performance.
B. Tenali was very impressed and exclaimed, "You are very strong!"
C. With his big arms and bulging muscles, he picked up a 200-kg bag of rice with ease.
D. One day Tenali Raman and his wife were on their way to Hampi.

Ans ✔ 1. DACB

✗ 2. CDAB

✗ 3. BDCA

✗ 4. DBCA

Question ID : **81616114209**
Status : **Answered**
Chosen Option : **1**

Q.10 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. Shopkeeper: "Here, I have packed them all."
B. Mala: "Please give me a packet of balloons, two packets of streamers, and some candles."
C. Shopkeeper: "Since we are offering some discount on the balloons, you need to pay only thirty rupees."
D. Mala: "How much do I need to pay?"

Ans ✗ 1. CDAB

✗ 2. ABCD

✗ 3. DABC

✔ 4. BADC

Question ID : **81616112794**
Status : **Answered**
Chosen Option : **4**

Q.11 Select the most appropriate meaning of the following idiom.

Lion's share

Ans ✗ 1. The strongest and richest partner in a group

✗ 2. The part that must be left for the guests in a party

✔ 3. The greatest and most desirable portion of something

✗ 4. The sound produced by a lion when it is attacking a prey

Question ID : **81616114214**
Status : **Answered**
Chosen Option : **3**

Q.12 Select the most appropriate option to fill in the blank.

Use your logical thinking for _____ decisions today as you will certainly succeed.

Ans ✗ 1. desperate

✗ 2. severe

✔ 3. critical

✗ 4. dangerous

Question ID : **81616114119**
Status : **Answered**
Chosen Option : **3**

Q.13 Select the most appropriate synonym of the given word.

Brat

Ans ✔ 1. Spoilt child

✗ 2. Rich person

✗ 3. Plump lady

✗ 4. Wise man

Question ID : **81616114109**
Status : **Answered**
Chosen Option : **3**

Q.14 Select the INCORRECTLY spelt word.

Ans ✔ 1. Proffesser

✗ 2. Director

✗ 3. Teacher

✗ 4. Headmaster

Question ID : **81616112804**
Status : **Answered**
Chosen Option : **1**

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

Deride

Ans ✗ 1. Approve

✔ 2. Mock

✗ 3. Admire

✗ 4. Lift

Question ID : **81616114110**
Status : **Answered**
Chosen Option : **2**

Q.16 Select the most appropriate meaning of the following idiom.

A live wire

Ans   ✗ 1. An influential and powerful person

     ✔ 2. A very active or energetic person

     ✗ 3. A dangerous and evil person

     ✗ 4. An angry and bad-tempered person

Question ID : **81616114215**
Status : **Answered**
Chosen Option : **2**

Q.17 Select the option that can be used as a one-word substitute for the given group of words.

A person who thinks that bad things are more likely to happen or who emphasises the bad part of a situation

Ans   ✗ 1. Complainer

     ✗ 2. Misanthropist

     ✗ 3. Optimist

     ✔ 4. Pessimist

Question ID : **81616114115**
Status : **Answered**
Chosen Option : **4**

Q.18 Select the INCORRECTLY spelt word.

Ans   ✗ 1. Rhyme

     ✗ 2. Restaurant

     ✔ 3. Reciept

     ✗ 4. Referred

Question ID : **81616112805**
Status : **Answered**
Chosen Option : **1**

Q.19 Select the option that expresses the given sentence in reported speech.

The policeman said, "It is clear that this is the work of a professional robber".

Ans   ✗ 1. The policeman said that it had been clearly the work of a professional robber.

     ✗ 2. The policeman said it was clear that is the work of a professional robber.

     ✔ 3. The policeman said that it was clear that that was the work of a professional robber.

     ✗ 4. The policeman said that it must be clear that this was the work of a professional robber.

Question ID : **81616114098**
Status : **Answered**
Chosen Option : **3**

Q.20 Select the option that can be used as a one-word substitute for the given group of words.

The act or habit of talking in one's sleep

Ans ✔ 1. Somniloquy

✘ 2. Soliloquy

✘ 3. Monologue

✘ 4. Prologue

Question ID : **81616114116**
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 blank.

Tourism is one (1)_____ the biggest businesses in the world, generating (2)_____ 200 million jobs. It is vital for the economies of (3)_____ countries. The downside is that tourism is a major (4)_____ of climate change through the carbon (5)_____ it causes.

SubQuestion No : 21

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

Ans ✘ 1. at

✘ 2. by

✔ 3. of

✘ 4. in

Question ID : **81616112789**
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 blank.

Tourism is one (1)_____ the biggest businesses in the world, generating (2)_____ 200 million jobs. It is vital for the economies of (3)_____ countries. The downside is that tourism is a major (4)_____ of climate change through the carbon (5)_____ it causes.

SubQuestion No : 22

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

Ans ✘ 1. at last

✔ 2. at least

✘ 3. at most

✘ 4. at much

Question ID : **81616112790**
Status : **Answered**
Chosen Option : **2**

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 blank.

Tourism is one (1)_____ the biggest businesses in the world, generating (2)_____ 200 million jobs. It is vital for the economies of (3)_____ countries. The downside is that tourism is a major (4)_____ of climate change through the carbon (5)_____ it causes.

SubQuestion No : 23

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

Ans ✗ 1. less

✗ 2. enough

✓ 3. many

✗ 4. much

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 blank.

Tourism is one (1)_____ the biggest businesses in the world, generating (2)_____ 200 million jobs. It is vital for the economies of (3)_____ countries. The downside is that tourism is a major (4)_____ of climate change through the carbon (5)_____ it causes.

SubQuestion No : 24

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

Ans ✗ 1. revolver

✗ 2. quantifier

✓ 3. contributor

✗ 4. contractor

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 blank.

Tourism is one (1)_____ the biggest businesses in the world, generating (2)_____ 200 million jobs. It is vital for the economies of (3)_____ countries. The downside is that tourism is a major (4)_____ of climate change through the carbon (5)_____ it causes.

SubQuestion No : 25

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

Ans ✗ 1. options

✗ 2. omissions

✓ 3. emissions

✗ 4. variations

Combined Graduate Level Examination 2020 Tier-I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	18/08/2021
Exam Time	3:00 PM - 4:00 PM
Subject	Combined Graduate Level Examination 2020 Tier 1

Section : **General Intelligence and Reasoning**

Q.1 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

3 13 4
6 67 31
5 ? 20

Ans ✘ 1. 50

✘ 2. 55

✔ 3. 45

✘ 4. 40

Question ID : **81616113125**
Status : **Answered**
Chosen Option : **3**

Q.2 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.
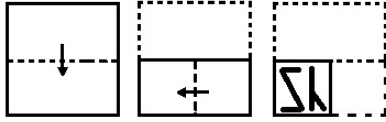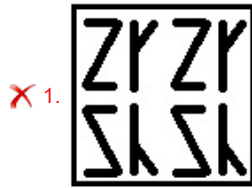
Question ID : **81616112629**
Status : **Answered**
Chosen Option : **3**

Q.3 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(4, 10, 53)

Ans   ✗ 1. (5, 13, 62)

✗ 2. (11, 31, 152)

✓ 3. (7, 19, 98)

✗ 4. (8, 20, 103)

Question ID : **81616112924**
Status : **Marked For Review**
Chosen Option : **3**

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

Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.
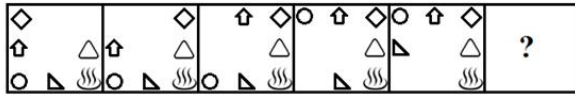
Question ID : **81616113331**
Status : **Answered**
Chosen Option : **3**

Q.5 Find the number of triangles in the given figure.
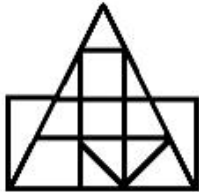
Ans   ✗ 1. 16

✗ 2. 20

✔ 3. 18

✗ 4. 14

Question ID : **81616112928**
Status : **Marked For Review**
Chosen Option : **3**

Q.6 In a certain code language, 'REFUSAL' is coded as '2101239103' and 'POETRY' is coded as '1067927'. How will 'PROFIT' be coded in that language?

Ans   ✗ 1. 18216972

✔ 2. 12186792

✗ 3. 21671829

✗ 4. 81217629

Question ID : **81616112916**
Status : **Not Answered**
Chosen Option : **--**

Q.7 **The present age of Ramesh is 7 years more than the present age of his wife Sangeeta. 6 years hence, the age of Ramesh will be three times that of his son Mayank. If the present age of Mayank is 10 years, then what is the present age of Sangeeta?**

Ans ✗ 1. 42 years

✗ 2. 48 years

✗ 3. 30 years

✔ 4. 35 years

Question ID : **81616112623**
Status : **Answered**
Chosen Option : **4**

Q.8 Select the option in which the given figure is embedded (rotation is NOT allowed).

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.

Question ID : **81616112627**
Status : **Answered**
Chosen Option : **2**

Q.9 **Select the number from among the given options that can replace the question mark (?) in the following series.**

6, 6, 8, 24, 28, 140, ?

Ans ✗ 1. 145

✗ 2. 148

✔ 3. 146

✗ 4. 144

Question ID : **81616113324**
Status : **Not Answered**
Chosen Option : **--**

Q.10 Select the option in which the words share the same relationship as that shared by the given pair of words.

Jharkhand : Ranchi

Ans ✗ 1. Sikkim : Itanagar

✗ 2. Mizoram : Kohima

✗ 3. Assam : Jorhat

✔ 4. Meghalaya : Shillong

Question ID : **81616112611**
Status : **Marked For Review**
Chosen Option : **2**

Q.11 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

CUH, HQK, MMN, RIQ, ?

Ans ✗ 1. UDS

✔ 2. WET

✗ 3. VGT

✗ 4. XFS

Question ID : **81616112606**
Status : **Answered**
Chosen Option : **2**

Q.12 Select the letter from among the given options that can replace the question mark (?) in the following series.

H, Q, I, T, K, ?, N

Ans ✔ 1. Y

✗ 2. J

✗ 3. U

✗ 4. A

Question ID : **81616112614**
Status : **Marked For Review**
Chosen Option : **1**

Q.13 Select the option that is related to the third word in the same way as the second word is related to the first word.

Circle : Arc : : Plant : ?

Ans ✔ 1. Stem

✗ 2. Tree

✗ 3. Chlorophyll

✗ 4. Plasma

Question ID : **81616113317**
Status : **Answered**
Chosen Option : **1**

Q.14 **Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the equation.**

483 * 23 * 93 * 16 * 4 * 50

Ans   ✗ 1. ÷, -, +, ×, =

           ✗ 2. +, ÷, -, ×, =

           ✗ 3. ÷, +, -, =, ×

           ✔ 4. ÷, +, -, ×, =

Question ID : **81616112925**

Status : **Answered**

Chosen Option : **4**

Q.15 Three different positions of the same dice are shown, the faces of which are marked with the letters A, B, C, D , E and F. Select the letter that will be on the face opposite to the face having the letter 'D'.
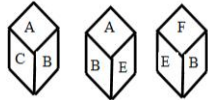
Ans   ✗ 1. A

           ✗ 2. C

           ✔ 3. B

           ✗ 4. F

Question ID : **81616112929**

Status : **Answered**

Chosen Option : **3**

Q.16 **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 mats are carpets.
Some carpets are blankets.
No blanket is a quilt.

Conclusions:
I. No quilt is a carpet.
II. No blanket is a mat.
III. Some carpets are mats.

Ans   ✔ 1. Only conclusion III follows

           ✗ 2. Only conclusion II follows

           ✗ 3. Both conclusions I and III follow

           ✗ 4. Only conclusion I follows

Question ID : **81616113121**

Status : **Answered**

Chosen Option : **1**

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. Gravity
2. Glycogen
3. Gestation
4. Glycerine
5. Gesture

Ans ✗ 1. 3, 1, 2, 4, 5

✗ 2. 3, 5, 2, 4, 1

✓ 3. 3, 5, 4, 2, 1

✗ 4. 3, 2, 5, 1, 4

Question ID : **81616113314**
Status : **Answered**
Chosen Option : **3**

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. XZTB

✗ 2. BDYF

✗ 3. TVQX

✗ 4. NPKR

Question ID : **81616113315**
Status : **Answered**
Chosen Option : **1**

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 : 8 :: 21 : ? :: 11 : 6

Ans ✗ 1. 14

✗ 2. 11

✗ 3. 9

✓ 4. 10

Question ID : **81616113123**
Status : **Not Answered**
Chosen Option : **--**

Q.20 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different. (Any operation on digits is not allowed)

Ans ✗ 1. 326 : 107

✗ 2. 308 : 101

✓ 3. 197 : 66

✗ 4. 239 : 78

Question ID : **81616112922**
Status : **Answered**
Chosen Option : **3**

Q.21 Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different.

Ans   ✗ 1. Devotion

        ✗ 2. Zeal

        ✓ 3. Vision

        ✗ 4. Fury

Question ID : **81616112912**
Status : **Answered**
Chosen Option : **4**

Q.22 In a certain code language, 'VIRTUE' is written as 'DBZBNX'. How will 'OMINOUS' be written in that language?

Ans   ✗ 1. HBUVHNA

        ✓ 2. HUBVHNA

        ✗ 3. IBUHABM

        ✗ 4. IUBHMBA

Question ID : **81616113117**
Status : **Not Answered**
Chosen Option : **--**

Q.23 Select the correct mirror image of the given figure when the mirror is placed at 'AB' as shown.

Ans

✘ 1.

✘ 2.

✘ 3.

✔ 4.
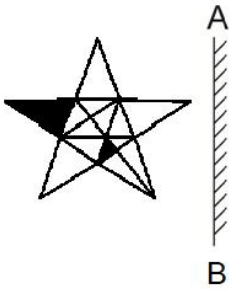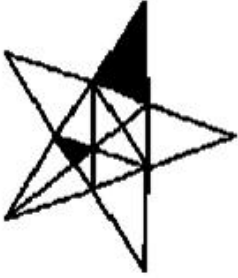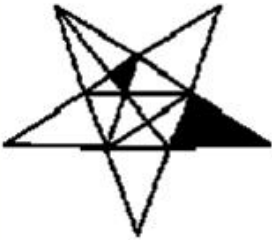
Question ID : **81616112628**
Status : **Answered**
Chosen Option : **4**

Q.24 Rani is the sister of Piyush and the daughter of Kamal. Kamal is the son of Gaurav and the brother of Aryan. Aryan is the father of Rajneesh. How is Aryan related to Piyush?
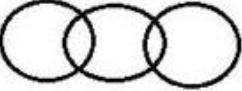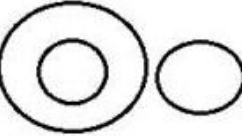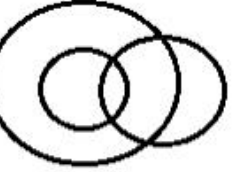
Ans   ✗ 1. Brother

    ✗ 2. Paternal Grandfather

    ✓ 3. Paternal Uncle

    ✗ 4. Father

> Question ID : **81616112615**
> Status : **Answered**
> Chosen Option : **3**

Q.25 Select the Venn diagram that best illustrates the relationship among the following classes.

Neptune, Planet, Moon

Ans

✗ 1.

✓ 2.

✗ 3.

✗ 4.

> Question ID : **81616113135**
> Status : **Answered**
> Chosen Option : **2**

Section : **General Awareness**

Q.1 Which of the following is a coarse grained igneous rock that contains quarts and feldspar?

Ans   ✓ 1. Granite

    ✗ 2. Basalt

    ✗ 3. Marble

    ✗ 4. Andesite

> Question ID : **81616113349**
> Status : **Answered**
> Chosen Option : **2**

Q.2 In which of the following Indian states will you find the 'Kunchikal Falls'?

Ans ✗ 1. Kerala

 ✔ 2. Karnataka

 ✗ 3. Tamil Nadu

 ✗ 4. Telangana

Question ID : **81616112641**

Status : **Not Answered**

Chosen Option : **--**

Q.3 The total membership of the Constituent Assembly was 389, of which _____ were representatives of princely states.

Ans ✗ 1. 84

 ✗ 2. 102

 ✗ 3. 109

 ✔ 4. 93

Question ID : **81616112650**

Status : **Answered**

Chosen Option : **1**

Q.4 Who among the following was the first Finance Minister of the Independent India?

Ans ✗ 1. KC Neogy

 ✗ 2. CD Deshmukh

 ✔ 3. RK Shanmukham Chetty

 ✗ 4. Liaquat Ali Khan

Question ID : **81616112947**

Status : **Answered**

Chosen Option : **3**

Q.5 According to Malthusian theory which of the following grows in geometric progression?

Ans ✗ 1. Poverty

 ✗ 2. Employment

 ✔ 3. Population

 ✗ 4. Food supply

Question ID : **81616112633**

Status : **Answered**

Chosen Option : **3**

Q.6 When we cut an onion, the vegetable emits an odour and our eyes tear up. Which of the following compounds is responsible for the tears and odour resulting from freshly cut onions?

Ans ✗ 1. Citric acid

 ✗ 2. Ascorbic acid

 ✗ 3. Acetic acid

 ✔ 4. Sulphuric acid

Question ID : **81616113343**

Status : **Answered**

Chosen Option : **2**

Q.7 _____ is the pattern of veins in the blade of a leaf.

Ans ✗ 1. Anthology

✗ 2. Morphology

✗ 3. Cytology

✓ 4. Venation

Question ID : **81616113143**
Status : **Marked For Review**
Chosen Option : **4**

Q.8 Who among the following became the co-chair of 17th ASEAN-India Summit in November 2020?

Ans ✗ 1. The Chief Justice of India

✗ 2. The President of India

✗ 3. The Speaker of the Lok Sabha

✓ 4. The Prime Minister of India

Question ID : **81616112654**
Status : **Marked For Review**
Chosen Option : **4**

Q.9 Which of the following states' tourism ministry announced the launch of India's first Labour Movement Museum in January 2021?

Ans ✓ 1. Kerala

✗ 2. West Bengal

✗ 3. Odisha

✗ 4. Karnataka

Question ID : **81616113362**
Status : **Not Answered**
Chosen Option : **--**

Q.10 Who has been re-appointed as the MD and CEO of the RBL Bank in January 2021 for three years?

Ans ✗ 1. Rajeev Ahuja

✓ 2. Vishwavir Ahuja

✗ 3. Deepak Ruiya

✗ 4. Rajeev Arora

Question ID : **81616112937**
Status : **Marked For Review**
Chosen Option : **4**

Q.11 Who among the following Indian actors was honoured with the 'Best Actor' award at the Indo-German Film week held in Europe in 2020?

Ans ✗ 1. Shah Rukh Khan

✓ 2. Adil Hussain

✗ 3. Salman Khan

✗ 4. Sanjay Dutt

Question ID : **81616112648**
Status : **Not Answered**
Chosen Option : **--**

Q.12 Who among the following established the Rashtrakuta Kingdom?

Ans   ✗ 1. Krishna I

        ✓ 2. Dantidurga

        ✗ 3. Ashoka

        ✗ 4. Amoghavarsha

Question ID : **81616113151**

Status : **Answered**

Chosen Option : **2**

Q.13 In which of the following years was the Indian Independence Act passed by the British Parliament?

Ans   ✗ 1. 1945

        ✗ 2. 1942

        ✗ 3. 1946

        ✓ 4. 1947

Question ID : **81616113148**

Status : **Marked For Review**

Chosen Option : **4**

Q.14 What was the name of the first artificial satellite launched by India in 1975?

Ans   ✗ 1. Panini

        ✗ 2. Sushruta

        ✓ 3. Aryabhatta

        ✗ 4. Charaka

Question ID : **81616112639**

Status : **Answered**

Chosen Option : **3**

Q.15 In which of the following states is the Kolleru Lake located?

Ans   ✗ 1. Madhya Pradesh

        ✗ 2. Kerala

        ✓ 3. Andhra Pradesh

        ✗ 4. Tamil Nadu

Question ID : **81616112943**

Status : **Not Answered**

Chosen Option : **--**

Q.16 SP Balasubramaniam was a _____ who was conferred with the Padma Vibhushan posthumously in January 2021.

Ans   ✓ 1. singer

        ✗ 2. archaeologist

        ✗ 3. painter

        ✗ 4. scientist

Question ID : **81616113354**

Status : **Marked For Review**

Chosen Option : **4**

Q.17 **Which of the following acids is used in the purification of gold and silver?**

Ans ✗ 1. Maleic acid

✗ 2. Formic acid

✗ 3. Acetic acid

✓ 4. Nitric acid

Question ID : **81616113140**
Status : **Marked For Review**
Chosen Option : **4**

Q.18 **Which of the following states inaugurated its first bird festival 'Kalrav' in January 2021?**

Ans ✗ 1. Assam

✓ 2. Bihar

✗ 3. Tripura

✗ 4. Odisha

Question ID : **81616113136**
Status : **Marked For Review**
Chosen Option : **1**

Q.19 **Which of the following states launched the scheme 'Sujal - Drink from Tap Mission' that aims to provide quality drinking water directly from tap to all households in urban areas?**

Ans ✓ 1. Odisha

✗ 2. Uttar Pradesh

✗ 3. West Bengal

✗ 4. Bihar

Question ID : **81616112940**
Status : **Answered**
Chosen Option : **2**

Q.20 **Makaravilakku is an annual festival held on Makar Sakranti in which of the following states?**

Ans ✗ 1. Karnataka

✗ 2. Tamil Nadu

✓ 3. Kerala

✗ 4. Odisha

Question ID : **81616112935**
Status : **Not Answered**
Chosen Option : **--**

Q.21 **What was the name of the women's regiment in the Indian National Army founded by Subhash Chandra Bose?**

Ans ✓ 1. Rani of Jhansi Regiment

✗ 2. Rani Ahalyabai Regiment

✗ 3. Rani Padmawati Regiment

✗ 4. Rani of Didda Regiment

Question ID : **81616112645**
Status : **Not Answered**
Chosen Option : **--**

Q.22 In which of the following countries was the headquarters of International Olympic Committee located as of February 2021?

Ans ✗ 1. The US

✓ 2. Switzerland

✗ 3. China

✗ 4. Japan

Question ID : **81616113358**

Status : **Marked For Review**

Chosen Option : **4**

Q.23 Who was appointed as the middle and long distance coach of the Indian athletics team in January 2021?

Ans ✗ 1. Adille Sumariwalla

✗ 2. Radhakrishnan Nair

✗ 3. Amrish Kumar

✓ 4. Nikolai Snesarev

Question ID : **81616113157**

Status : **Not Answered**

Chosen Option : **--**

Q.24 On which of the following days is National Disaster Response Force Raising Day celebrated annually?

Ans ✗ 1. 21 September

✗ 2. 23 October

✓ 3. 19 January

✗ 4. 6 March

Question ID : **81616113360**

Status : **Not Answered**

Chosen Option : **--**

Q.25 Which of the following Articles of the Constitution of India defines for a separate secretarial staff for each House of the Parliament?

Ans ✓ 1. Article 98

✗ 2. Article 123

✗ 3. Article 155

✗ 4. Article 34

Question ID : **81616112952**

Status : **Marked For Review**

Chosen Option : **1**

Section : **Quantitative Aptitude**

Q.1 In a right angled triangle ABC, the lengths of the sides containing the right angle are 5 cm and 12 cm respectively. A circle is inscribed in the triangle ABC. What is the radius of the circle (in cm)?

Ans ✗ 1. 2.8

✗ 2. 3

✓ 3. 2

✗ 4. 2.5

Question ID : **81616112673**

Status : **Answered**

Chosen Option : **3**

Q.2 The average daily production of toys in a factory in the month of December is 512. If the average production during first 20 days is 515 and that of the last 13 days is 510, then what is the average of production on 19 and 20 December?

Ans ✗ 1. 1058

✓ 2. 529

✗ 3. 513

✗ 4. 512

Question ID : **81616112658**
Status : **Marked For Review**
Chosen Option : **2**

Q.3 A T.V. is sold at 8% gain. Had it been sold for ₹2553 less; there would have been loss of 15%. To gain 18%, the selling price (in ₹) of T.V. would be:

Ans ✗ 1. 11100

✓ 2. 13098

✗ 3. 15000

✗ 4. 9102

Question ID : **81616113368**
Status : **Answered**
Chosen Option : **2**

Q.4 A shopkeeper bought a machine for ₹4600 and spent ₹500 on its repairs and transport. He marked the machine at 8% above the overall cost price. If he sold the machine for ₹4681.80 after giving $x\%$ discount, then the value of x is:

Ans ✗ 1. 18

✓ 2. 15

✗ 3. 20

✗ 4. 12

Question ID : **81616113164**
Status : **Answered**
Chosen Option : **2**

Q.5 Study the table and answer the question.

The table shows the daily income of 50 persons.

Income (Rs)	No. of persons
less than 200	12
less than 250	26
less than 300	34
less than 350	40
less than 400	50

How many persons earn ₹250 or more but less than ₹350 daily?

Ans ✗ 1. 28

✗ 2. 24

✔ 3. 14

✗ 4. 18

Question ID : **81616112678**
Status : **Answered**
Chosen Option : **3**

Q.6 If $a^3 - b^3 = 2349$ and $(a - b) = 9$, then $(a + b)^2 - ab$ is equal to:

Ans ✔ 1. 261

✗ 2. 280

✗ 3. 229

✗ 4. 244

Question ID : **81616113374**
Status : **Answered**
Chosen Option : **1**

Q.7 If $\sin(A + B) = 1$ and $\cos(A - B) = \frac{\sqrt{3}}{2}$, $A + B \leq 90°$ and $A > B$, then the value of

$\frac{5\sin^2 B + 4\tan^2 A}{2\sin B \cos A}$ is :

Ans ✗ 1. 20

✔ 2. $26\frac{1}{2}$

✗ 3. 18

✗ 4. $16\frac{1}{2}$

Question ID : **81616113887**
Status : **Answered**
Chosen Option : **2**

Q.8 A sum of money was lent in two parts in the ratio 4 : 5 for 4 years and 5 years respectively, both at the rate of 8% per annum simple interest. If the difference between the interests earned from the two parts is ₹ 4680, then what was the total sum lent (in ₹)?

Ans ✔ 1. 58500

✘ 2. 46800

✘ 3. 65000

✘ 4. 42120

Question ID : 81616112966
Status : **Answered**
Chosen Option : **1**

Q.9 If a train runs with the speed of 72 km/h, it reaches its destination late by 15 minutes. However, if its speed is 90 km/h, it is late by only 5 minutes. The correct time to cover its journey in minutes is:

Ans ✘ 1. 32

✘ 2. 40

✘ 3. 45

✔ 4. 35

Question ID : 81616113170
Status : **Answered**
Chosen Option : **4**

Q.10 If $x - \frac{1}{x} = \sqrt{77}$, then one of the values of $x^3 + \frac{1}{x^3}$ is :

Ans ✔ 1. -702

✘ 2. $77\sqrt{77}$

✘ 3. $3\sqrt{77}$

✘ 4. $80\sqrt{77}$

Question ID : 81616112972
Status : **Marked For Review**
Chosen Option : **1**

Q.11 Points A and B are on a circle with centre O. Point C is on the major arc AB. If ∠OAC=35° and ∠OBC = 45°, then what is the measure (in degrees) of the angle subtended by the minor arc AB at the centre?

Ans ✘ 1. 80

✘ 2. 70

✘ 3. 100

✔ 4. 160

Question ID : 81616112670
Status : **Answered**
Chosen Option : **1**

Q.12 If a number P is divisible by 2 and another number Q is divisible by 3, then which of the following is true?

Ans

✔ 1. PxQ is divisible by 6

✘ 2. P+Q is divisible by 6

✘ 3. P+Q is divisible by 5

✘ 4. PxQ is divisible by 5

Question ID : **81616112959**
Status : **Answered**
Chosen Option : **1**

Q.13 In a circle with centre O, AB and CD are parallel chords on the opposite sides of a diameter. If AB = 12 cm, CD = 18 cm and the distance between the chords AB and CD is 15 cm, then find the radius of the circle (in cm).

Ans

✔ 1. $3\sqrt{13}$

✘ 2. 9

✘ 3. $9\sqrt{13}$

✘ 4. 12

Question ID : **81616112974**
Status : **Answered**
Chosen Option : **1**

Q.14 If $a + b + c = 0$, then what is the value of $\frac{(b+c)^2}{bc} + \frac{(c+a)^2}{ca} + \frac{(a+b)^2}{ab}$?

Ans

✘ 1. 1

✘ 2. -3

✘ 3. -1

✔ 4. 3

Question ID : **81616113173**
Status : **Answered**
Chosen Option : **4**

Q.15 The following table shows the daily seats occupancy in different classes of a train. Numbers in bracket represent the total seats available for a particular class.

Day	2nd Class Non-AC (900)	1st Class Non-AC (500)	AC III Tier (500)	AC II Tier (250)	AC 1st Class (150)
Monday	850	460	480	240	145
Tuesday	840	400	450	230	120
Wednesday	830	390	480	220	130
Thursday	790	480	490	250	125
Friday	840	470	500	210	130

What is the ratio of number of seats that remained vacant in all the Non-AC classes on Wednesday and Thursday taken together to number of seats remained vacant in AC classes on Monday, Tuesday and Friday?

Ans

✘ 1. 35 : 62

✘ 2. 62 : 35

✘ 3. 39 : 62

✔ 4. 62 : 39

Question ID : **81616113689**
Status : **Answered**
Chosen Option : **4**

Q.16

$$(\sec\theta+\tan\theta)^2 + \frac{1+\operatorname{cosec}\theta}{1-\operatorname{cosec}\theta},$$

$$0° < \theta < 90° \text{ is:}$$

Ans

✔ 1. 0

✘ 2. -2

✘ 3. 1

✘ 4. 2

Question ID : **81616112473**

Status : **Answered**

Chosen Option : **1**

Q.17 Keshav, Surjeet and Thomas started a business with investments in the ratio 2 : 3 : 4. The ratio of their period of investments is 5 : 6 : 9. Twenty percent of the profit was spent on rent and maintenance of the office. Remaining profit was distributed among themselves. If the difference in the shares of profit of Keshav and Surjeet is ₹7264, then how much is the total profit (in ₹)?

Ans

✘ 1. 51060

✘ 2. 58112

✘ 3. 46490

✔ 4. 72640

Question ID : **81616112963**

Status : **Answered**

Chosen Option : **4**

Q.18 If $\sin^6\theta + \cos^6\theta = \frac{1}{3}, 0° < \theta < 90°$, then what is the value of $\sin\theta\cos\theta$?

Ans

✘ 1. $\dfrac{\sqrt{6}}{6}$

✔ 2. $\dfrac{\sqrt{2}}{3}$

✘ 3. $\dfrac{\sqrt{2}}{\sqrt{3}}$

✘ 4. $\dfrac{2}{9}$

Question ID : **81616112977**

Status : **Answered**

Chosen Option : **2**

Q.19 The given Pie-Chart shows the degree wise breakup of expenditure of a family in a month. Total income of a family is
₹43,200.

Degree of amount incurred in different Expenditure (Total ₹ 43,200)
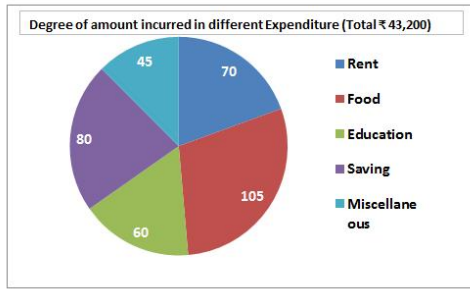
Expenditure on food is what percent more than expenditure on rent?

Ans

✗ 1. $\frac{200}{3}\%$

✔ 2. 50%

✗ 3. $\frac{50}{3}\%$

✗ 4. $\frac{100}{3}\%$

Question ID : **81616113687**
Status : **Answered**
Chosen Option : **2**

Q.20 Five men can complete a work in 20 days. Ten women can complete the same work in 15 days. Two men and six
women started working together. After 5 days, three women left the work and a new man joined the work. The group
continued working together till the end of the work. In how many days will they be able to do the remaining work?

Ans

✔ 1. 14

✗ 2. 19

✗ 3. $18\frac{1}{3}$

✗ 4. $16\frac{2}{3}$

Question ID : **81616112967**
Status : **Answered**
Chosen Option : **1**

Q.21 Alloy A contains metals x and y in the ratio 5 : 2 and alloy B contains these metals in the ratio 3 : 4. Alloy C is prepared
by mixing A and B in the ratio 4 : 5. The percentage of y in alloy C is:

Ans

✔ 1. $44\frac{4}{9}\%$

✗ 2. $33\frac{4}{9}\%$

✗ 3. $66\frac{4}{9}\%$

✗ 4. $55\frac{5}{9}\%$

Question ID : **81616113167**
Status : **Answered**
Chosen Option : **1**

Q.22 Simplify the expression $441 \div \left[270 \div \frac{3}{7} + \left(17 \div \frac{1}{3}\right) - \left(8\frac{1}{2} - \frac{5}{2}\right)\right]$

Ans

✔ 1. $\dfrac{49}{75}$

✘ 2. $\dfrac{39}{75}$

✘ 3. $\dfrac{19}{75}$

✘ 4. $\dfrac{29}{75}$

Question ID : **81616113364**

Status : **Answered**

Chosen Option : **1**

Q.23 In $\triangle ABC$, AB and AC are produced to points D and E respectively. If the bisectors of angle CBD and angle BCE meet at point O, such that $\angle BOC = 63°$, then $\angle A = ?$

Ans

✔ 1. $54°$

✘ 2. $27°$

✘ 3. $63°$

✘ 4. $36°$

Question ID : **81616113379**

Status : **Answered**

Chosen Option : **1**

Q.24 What is the length (in cm) of the smallest altitude of the triangle whose sides are 5 cm, 12 cm and 13 cm? (correct to one decimal place)

Ans

✘ 1. 5.1

✘ 2. 12.0

✔ 3. 4.6

✘ 4. 2.6

Question ID : **81616112666**

Status : **Answered**

Chosen Option : **3**

Q.25 Study the table and answer the question.

The data given in the table shows the number of students studying in four different disciplines in 5 institutes.

Institutes	Arts	Science	Commerce	Computer Science
A	36	48	59	57
B	45	54	55	48
C	55	36	56	51
D	45	48	55	53
E	48	44	52	55

Number of students studying commerce in institute D is what percent of the total number of students of the 5 institutes?

Ans

✘ 1. 5.3

✔ 2. 5.5

✘ 3. 20.1

✘ 4. 27.7

Question ID : **81616112680**

Status : **Answered**

Chosen Option : **2**

Section : **English Comprehension**

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

Ans   ✗ 1. Censure

       ✗ 2. Criticism

       ✔ 3. Hellicopter

       ✗ 4. Approval

Question ID : **81616113410**
Status : **Answered**
Chosen Option : **3**

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

Hassled

Ans   ✗ 1. Annoyed

       ✔ 2. Relaxed

       ✗ 3. Worried

       ✗ 4. Stressed

Question ID : **81616113203**
Status : **Answered**
Chosen Option : **2**

Q.3 **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**

The weather / is much / more warmer / than it was a few days before.

Ans   ✔ 1. more warmer

       ✗ 2. than it was a few days before

       ✗ 3. The weather

       ✗ 4. is much

Question ID : **81616112985**
Status : **Answered**
Chosen Option : **2**

Q.4 **Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.**

A. The festival is named after the Indian Hornbill.
B. The Hornbill festival is the most anticipated cultural carnival of this state.
C. Located in Northeast India, Nagaland is very a beautiful and an ethnically diverse state.
D. The Hornbill is often displayed on the traditional tribal headgears worn during Naga festivities.

Ans   ✗ 1. ABCD

       ✗ 2. BCAD

       ✗ 3. ACBD

       ✔ 4. CBAD

Question ID : **81616113199**
Status : **Answered**
Chosen Option : **4**

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

An imaginary ideal society free of poverty and suffering

Ans ✗ 1. Heaven

✓ 2. Utopia

✗ 3. Dreamland

✗ 4. Paradise

Question ID : **81616113005**
Status : **Answered**
Chosen Option : **2**

Q.6 Select the most appropriate synonym of the given word.

Poignant

Ans ✗ 1. Beautiful

✗ 2. Quiet

✗ 3. Happy

✓ 4. Touching

Question ID : **81616112696**
Status : **Answered**
Chosen Option : **2**

Q.7 Select the most appropriate ANTONYM of the given word.

Fallacy

Ans ✗ 1. Trick

✓ 2. Truth

✗ 3. Flaw

✗ 4. Cheat

Question ID : **81616113404**
Status : **Answered**
Chosen Option : **2**

Q.8 Select the option that expresses the given sentence in indirect speech.

Raj said to his friend, "Please help me in this task."

Ans ✗ 1. Raj ordered his friend to help him in this task.

✗ 2. Raj threatened his friend to help him in this task.

✗ 3. Raj said to his friend please help me in this task.

✓ 4. Raj requested his friend to help him in that task.

Question ID : **81616112684**
Status : **Answered**
Chosen Option : **4**

Q.9 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

Fifty litres of milk <u>are donated by the committee</u> to the orphanage every week.

Ans ✔ 1. is donated by the committee

✘ 2. are being donated by the committee

✘ 3. are donated by a committee

✘ 4. No substitution

Question ID : **81616112686**
Status : **Answered**
Chosen Option : **1**

Q.10 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. When it was time to divide the spoils, the lion took one portion for his title as king of the forest.
B. He took another portion because he was a partner, and yet another because he was the strongest.
C. He took the last portion because an accident would befall anyone who laid a paw upon it.
D. Once a lion went hunting with three other beasts.

Ans ✘ 1. DCBA

✔ 2. DABC

✘ 3. CABD

✘ 4. BDCA

Question ID : **81616113400**
Status : **Answered**
Chosen Option : **2**

Q.11 Select the most appropriate option to fill in the blank.

It was difficult to _____ Gopal to watch a horror movie.

Ans ✘ 1. confer

✔ 2. persuade

✘ 3. dissuade

✘ 4. consult

Question ID : **81616113008**
Status : **Answered**
Chosen Option : **2**

Q.12 Select the most appropriate meaning of the given idiom.

Sit on the fence

Ans ✘ 1. Create conflicts

✘ 2. Protect something

✔ 3. Avoid making a decision

✘ 4. Poke fun at people

Question ID : **81616113204**
Status : **Answered**
Chosen Option : **3**

Q.13 Select the most appropriate meaning of the given idiom.

Fair and square

Ans ✗ 1. By any means available

✔ 2. According to the rules

✗ 3. Beautiful in appearance

✗ 4. Calm and quiet

Question ID : **81616113205**
Status : **Answered**
Chosen Option : **2**

Q.14 Select the most appropriate synonym of the given word.

Calm

Ans ✗ 1. Joyful

✗ 2. Cranky

✗ 3. Clean

✔ 4. Relaxed

Question ID : **81616112695**
Status : **Answered**
Chosen Option : **4**

Q.15 Select the option that can be used as a one-word substitute for the given group of words.

A dynamic campaign for political, social or religious change

Ans ✗ 1. Mutiny

✗ 2. Conflict

✔ 3. Crusade

✗ 4. War

Question ID : **81616113004**
Status : **Answered**
Chosen Option : **3**

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

The visitors complained / at the poor accommodation / they were provided / during the tour.

Ans ✗ 1. they were provided

✔ 2. at the poor accommodation

✗ 3. The visitors complained

✗ 4. during the tour

Question ID : **81616113186**
Status : **Answered**
Chosen Option : **2**

Q.17 Select the INCORRECTLY spelt word.

Ans   ✔ 1. Subseqently

✘ 2. Substantially

✘ 3. Solicitation

✘ 4. Sentimentally

Question ID : **81616113411**
Status : **Answered**
Chosen Option : **1**

Q.18 Select the option that expresses the given sentence in active voice.

I am paid weekly by my organisation.

Ans   ✘ 1. My organisation paid me weekly.

✘ 2. My organisation would pay me weekly.

✘ 3. My organisation will pay me weekly.

✔ 4. My organisation pays me weekly.

Question ID : **81616112986**
Status : **Answered**
Chosen Option : **4**

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'.

He fell over in studies owing to his illness.

Ans   ✘ 1. No improvement required

✘ 2. fell for

✘ 3. fell out

✔ 4. fell behind

Question ID : **81616112988**
Status : **Marked For Review**
Chosen Option : **4**

Q.20 Select the most appropriate option to fill in the blank.

She knew that to apologise would _____ to admitting she had failed.

Ans   ✘ 1. tantalising

✘ 2. tandem

✔ 3. tantamount

✘ 4. tangible

Question ID : **81616112706**
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 blank.

The first human beings to control fire gradually learned (1)_____ many uses. Not only did they (2)_____ fire to keep warm and cook their food; they (3)_____ learned to use it in hunting or warfare, to kill insects, to (4)_____ berries, and to clear forests of underbrush so that game (5)_____ be better seen and hunted. Eventually they learned that the burning of brush produced better grasslands and therefore more game.

SubQuestion No : 21

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

Ans ✗ 1. their

✗ 2. his

✔ 3. its

✗ 4. your

Question ID : **81616113395**	
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 blank.

The first human beings to control fire gradually learned (1)_____ many uses. Not only did they (2)_____ fire to keep warm and cook their food; they (3)_____ learned to use it in hunting or warfare, to kill insects, to (4)_____ berries, and to clear forests of underbrush so that game (5)_____ be better seen and hunted. Eventually they learned that the burning of brush produced better grasslands and therefore more game.

SubQuestion No : 22

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

Ans ✗ 1. used

✔ 2. use

✗ 3. prepare

✗ 4. ready

Question ID : **81616113396**	
Status : **Answered**	
Chosen Option : **2**	

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 blank.

The first human beings to control fire gradually learned (1)_____ many uses. Not only did they (2)_____ fire to keep warm and cook their food; they (3)_____ learned to use it in hunting or warfare, to kill insects, to (4)_____ berries, and to clear forests of underbrush so that game (5)_____ be better seen and hunted. Eventually they learned that the burning of brush produced better grasslands and therefore more game.

SubQuestion No : 23

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

Ans ✗ 1. alternative

✗ 2. instead

✗ 3. well

✔ 4. also

Question ID : **81616113397**	
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 blank.

The first human beings to control fire gradually learned (1)_____ many uses. Not only did they (2)_____ fire to keep warm and cook their food; they (3)_____ learned to use it in hunting or warfare, to kill insects, to (4)_____ berries, and to clear forests of underbrush so that game (5)_____ be better seen and hunted. Eventually they learned that the burning of brush produced better grasslands and therefore more game.

SubQuestion No : 24

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

Ans   ✖ 1. acquire

       ✔ 2. safeguard

       ✖ 3. obtain

       ✖ 4. attain

Question ID : **81616113398**
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 blank.

The first human beings to control fire gradually learned (1)_____ many uses. Not only did they (2)_____ fire to keep warm and cook their food; they (3)_____ learned to use it in hunting or warfare, to kill insects, to (4)_____ berries, and to clear forests of underbrush so that game (5)_____ be better seen and hunted. Eventually they learned that the burning of brush produced better grasslands and therefore more game.

SubQuestion No : 25

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

Ans   ✖ 1. shall

       ✖ 2. will

       ✔ 3. could

       ✖ 4. must

Question ID : **81616113399**
Status : **Answered**
Chosen Option : **3**

Combined Graduate Level Examination 2020 Tier-I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	20/08/2021
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Graduate Level Examination 2020 Tier 1

Section : **General Intelligence and Reasoning**

Q.1 Two different positions of the same dice are shown, the faces of which are marked with the letters F, G, H, I, J and K.

Select the letter that will be on the face opposite to the face having the letter 'F'.
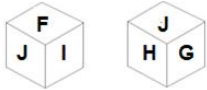
Ans   ✗ 1. J

✔ 2. G

✗ 3. I

✗ 4. H

Question ID : **81616112323**
Status : **Not Answered**
Chosen Option : **--**

Q.2 In a certain code language, 'RAJ' is coded as '87' and 'GITA' is coded as '148'. How will 'VARUN' be coded in that language?

Ans   ✗ 1. 234

✔ 2. 380

✗ 3. 176

✗ 4. 403

Question ID : **81616112310**
Status : **Not Answered**
Chosen Option : **--**

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. Hypodermic
2. Hypocrite
3. Hysterical
4. Hypothermia
5. Hypotenuse

Ans   ✗ 1. 1, 2, 3, 4, 5

✗ 2. 3, 5, 1, 2, 4

✗ 3. 4, 3, 5, 1, 2

✔ 4. 2, 1, 5, 4, 3

Question ID : **81616112405**
Status : **Answered**
Chosen Option : **4**

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

121, 169, 225, 289, ?

Ans
  ✗ 1. 410

  ✗ 2. 305

  ✗ 3. 398

  ✓ 4. 361

Q.5 There are two couples in a family. Komali has two children. Madhurima is the wife of Omprakash, who is the brother of Mani. Pinki is the daughter of Komali. Urmila is the sister of Sanju, who is the son of Omprakash. Tarun is the son of Mani, who is a male.

How is Madhurima is related to Komali?

Ans
  ✗ 1. Sister

  ✗ 2. Aunt

  ✗ 3. Mother

  ✓ 4. Sister-in-law

Q.6 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(12, 121, 169)

Ans
  ✓ 1. (17, 256, 324)

  ✗ 2. (11, 144, 196)

  ✗ 3. (16, 161, 256)

  ✗ 4. (14, 196, 225)

Q.7 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different.

Ans
  ✓ 1. (547, 258)

  ✗ 2. (723, 144)

  ✗ 3. (546, 225)

  ✗ 4. (812, 121)

Q.8 Select the option in which the words share the same relationship as that shared by the given pair of words.

Pulmonologist : Lungs

Ans ✗ 1. Bones : Orthopaedic

  ✔ 2. Endocrinologist : Glands

  ✗ 3. Nephrologist : Nerves

  ✗ 4. Ophthalmologist : Ears

Question ID : **81616113419**
Status : **Answered**
Chosen Option : **1**

Q.9 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

12 34 110
6 13 35
9 ? 60

Ans ✔ 1. 21

  ✗ 2. 18

  ✗ 3. 23

  ✗ 4. 19

Question ID : **81616113327**
Status : **Not Answered**
Chosen Option : **--**

Q.10 Select the option figure that is embedded in the given figure (rotation is NOT allowed).

Ans

  ✔ 1.

  ✗ 2.

  ✗ 3.

  ✗ 4.
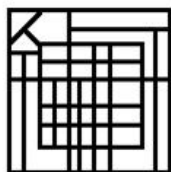
Question ID : **81616113435**
Status : **Answered**
Chosen Option : **1**

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.
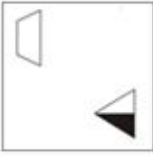
Question ID : **81616112422**
Status : **Answered**
Chosen Option : **2**

Q.12 Select the option that is related to the fourth number in the same way as the first number is related to the second number and the fifth number is related to the sixth number.

11 : 81 : : ? : 121 : : 8 : 36

Ans   ✘ 1. 12

✔ 2. 13

✘ 3. 10

✘ 4. 18

Question ID : **81616113325**
Status : **Answered**
Chosen Option : **2**

Q.13 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. MN

✘ 2. KP

✔ 3. QL

✘ 4. GT

Question ID : **81616112406**
Status : **Answered**
Chosen Option : **3**

Q.14 The monthly income of three cricketers Ankit, Sanjay and Roshan, from different sources, are in the ratio of 12 : 9 : 7, and their expenditures are in the ratio 15 : 9 : 8. If Ankit saves 25% of his income for future investments, what is the ratio of the savings of Ankit, Sanjay and Roshan?

Ans ✔ 1. 15 : 18 : 11

✘ 2. 25 : 16 : 13

✘ 3. 5 : 8 : 7

✘ 4. 23 : 18 : 11

Q.15 How many triangles are there in the given figure?

Ans ✔ 1. 8

✘ 2. 9

✘ 3. 10

✘ 4. 7

Q.16 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

Ans ✘ 1.

✘ 2.

✔ 3.

✘ 4.
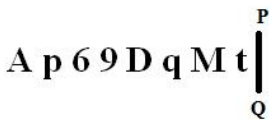
Q.17 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

MCN, NCO, OCP, PCQ, ?

Ans ✔ 1. QCR

✗ 2. PQR

✗ 3. OCQ

✗ 4. PCS

Q.18 In a certain code language, 'INHALE' is written as 'REEDIH'. How will 'MIGHTY' be written in that language?

Ans ✗ 1. CCILMP

✗ 2. IMCLCP

✗ 3. MCLICP

✔ 4. MILCCP

Q.19 Select the set of classes, the relationship among which is best illustrated by the following Venn diagram.
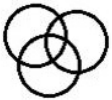
Ans ✗ 1. Bureaucrats, Men, Women

✗ 2. Doctors, Fathers, Sisters

✔ 3. Extroverts, Men, Handsome

✗ 4. Stationery, Stapler, Erasers

Q.20 Select the option that is related to the third word in the same way as the second word is related to the first word.

Varanasi : Ganga : : Mathura : ?

Ans ✔ 1. Yamuna

✗ 2. Godavari

✗ 3. Narmada

✗ 4. Ganga

Q.21 Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different.

Ans ✗ 1. Scurvy

   ✗ 2. Goitre

   ✗ 3. Anaemia

   ✓ 4. Diarrhoea

Question ID : **81616112306**

Status : **Answered**

Chosen Option : **4**

Q.22 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

JL_N_J_PND_NP_DJ_P_D

Ans ✗ 1. P, M, D, N, J, O, N

   ✗ 2. M, D, N, P, N, J, O

   ✓ 3. P, D, M, J, N, O, N

   ✗ 4. M, D, P, N, J, N, O

Question ID : **81616113422**

Status : **Answered**

Chosen Option : **3**

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.
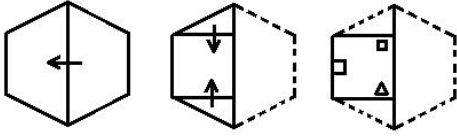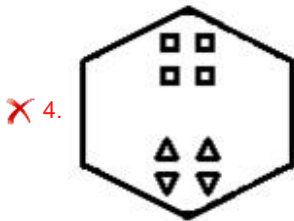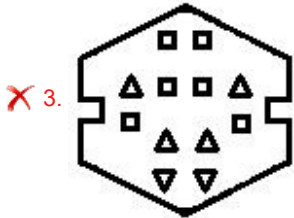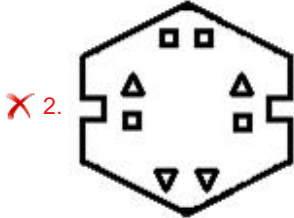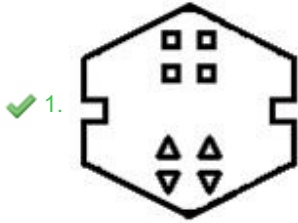
Question ID : **81616113437**
Status : **Answered**
Chosen Option : **1**

Q.24 Select the correct combination of mathematical signs that can sequentially replace the * signs and make the equation correct.

45 * 24 * 72 * 20 * 12 * 7

Ans   ✘ 1. =, ×, +, ÷, −

✘ 2. ÷, ×, +, −, =

✘ 3. +, ÷, −, =, ×

✔ 4. ×, ÷, =, −, +

Question ID : **81616112319**
Status : **Not Answered**
Chosen Option : **--**

Q.25 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 follows from the statements.

Statements:
All lockets are chains.
100% medals are lockets.
Some rings are chains.

Conclusions:
I. All chains are medals.
II. All medals being rings is a possibility.

Ans ✔ 1. Only conclusion II follows

✖ 2. Neither conclusion I nor II follows

✖ 3. Only conclusion I follows

✖ 4. Both conclusions I and II follow

Question ID : **81616113323**
Status : **Answered**
Chosen Option : **2**

Section : **General Awareness**

Q.1 The problem of choice between relatively scarce commodities due to limited productive resources with the society can be illustrated with the help of a _____.

Ans ✖ 1. demand curve

✖ 2. marginal utility curve

✖ 3. budget line

✔ 4. production possibility curve

Question ID : **81616112331**
Status : **Not Answered**
Chosen Option : **--**

Q.2 In which of the following states does the Governor have special responsibility under Article 371H of the Constitution with respect to law and order and in discharge of his functions in relation thereto?

Ans ✖ 1. Nagaland

✖ 2. Sikkim

✖ 3. Mizoram

✔ 4. Arunachal Pradesh

Question ID : **81616112346**
Status : **Marked For Review**
Chosen Option : **3**

Q.3 Who was the brand ambassador of World Wildlife Fund India's Environment Education Programme as of January 2021?

Ans ✗ 1. MS Dhoni

✗ 2. Dia Mirza

✗ 3. Virat Kohli

✓ 4. Viswanathan Anand

Question ID : **81616113456**

Status : **Not Answered**

Chosen Option : **--**

Q.4 In which of the following states is the headquarters of IDBI (Industrial Development Bank of India) located?

Ans ✗ 1. Haryana

✓ 2. Maharashtra

✗ 3. Karnataka

✗ 4. West Bengal

Question ID : **81616113441**

Status : **Answered**

Chosen Option : **2**

Q.5 A type of court called 'Kantakasodhana' was prevalent in the _____ Empire.

Ans ✗ 1. Kushana

✓ 2. Mauryan

✗ 3. Chola

✗ 4. Rashtrakuta

Question ID : **81616112341**

Status : **Not Answered**

Chosen Option : **--**

Q.6 In October 2020, _____ Indian beaches were awarded the 'Blue Flag' certification by an international jury comprising of eminent members such as UNEP, UNWTO, FEE and IUCN.

Ans ✗ 1. 6

✓ 2. 8

✗ 3. 4

✗ 4. 10

Question ID : **81616112453**

Status : **Not Answered**

Chosen Option : **--**

Q.7 At which of the following places did Lord Buddha give his first sermon on the Four Noble Truths?

Ans ✗ 1. Bodh Gaya

✗ 2. Lumbini

✗ 3. Rajgir

✓ 4. Sarnath

Question ID : **81616113353**
Status : **Marked For Review**
Chosen Option : **4**

Q.8 Which of the following minerals produces green colour in fireworks?

Ans ✓ 1. Barium

✗ 2. Sodium

✗ 3. Copper

✗ 4. Zinc

Question ID : **81616113342**
Status : **Not Answered**
Chosen Option : **--**

Q.9 Who among the following was the founder and the first Chairman and Commissioner of the Indian Premier League (IPL)?

Ans ✗ 1. Jagmohan Dalmiya

✗ 2. Raj Singh Dungarpur

✗ 3. Sandeep Patil

✓ 4. Lalit Modi

Question ID : **81616112449**
Status : **Not Answered**
Chosen Option : **--**

Q.10 Who was the first and last woman ruler of Delhi Sultanate?

Ans ✗ 1. Rani Durgavati

✗ 2. Nur Jahan

✗ 3. Sultana Chand Bibi

✓ 4. Razia Sultana

Question ID : **81616113350**
Status : **Answered**
Chosen Option : **4**

Q.11 Who among the following broke the national under-20 record in the 10,000 m race walk in January 2021?

Ans ✔ 1. Amit Khatri

✘ 2. Rahul Bind

✘ 3. Naresh Kumar

✘ 4. Paramdeep Mor

Question ID : **81616113359**
Status : **Not Answered**
Chosen Option : **--**

Q.12 Which of the following movies has been selected as India's official entry for the 'International Feature Film' category at the 93rd Academy Awards?

Ans ✘ 1. The Sky Is Pink

✘ 2. Gulabo Sitabo

✔ 3. Jallikattu

✘ 4. Ek Hazarachi Note

Question ID : **81616112451**
Status : **Answered**
Chosen Option : **3**

Q.13 The scientific study of birds is called _____.

Ans ✔ 1. ornithology

✘ 2. pomology

✘ 3. ichthyology

✘ 4. gerontology

Question ID : **81616113345**
Status : **Answered**
Chosen Option : **1**

Q.14 Which Indian state had the highest number of large dams as of January 2021?

Ans ✘ 1. Tamil Nadu

✘ 2. Rajasthan

✔ 3. Maharashtra

✘ 4. Gujarat

Question ID : **81616112440**
Status : **Not Answered**
Chosen Option : **--**

Q.15 Who among the following is the Chairman of Planning Commission and National Integration Council of India?

Ans   ✗ 1. The Attorney General

　　　✗ 2. The Vice President

　　　✓ 3. The Prime Minister

　　　✗ 4. The President

Question ID : **81616113458**

Status : **Answered**

Chosen Option : **3**

Q.16 C Rajagopalachari led the Salt Satyagraha in which of the following states?

Ans   ✗ 1. Gujarat

　　　✗ 2. Maharashtra

　　　✓ 3. Tamil Nadu

　　　✗ 4. Rajasthan

Question ID : **81616113453**

Status : **Not Answered**

Chosen Option : **--**

Q.17 _____ include/s glycogen, poly-β- hydroxybutyrate granules, sulphur granules and gas vesicles.

Ans   ✓ 1. Cytoplasm

　　　✗ 2. Mesosomes

　　　✗ 3. Flagella

　　　✗ 4. Plasma membrane

Question ID : **81616112434**

Status : **Not Answered**

Chosen Option : **--**

Q.18 Padavali Kirtan refers to songs composed in the medieval period of West Bengal (15th to 17th century) in praise of _____.

Ans   ✗ 1. Shakti

　　　✓ 2. Vishnu

　　　✗ 3. Shiva

　　　✗ 4. Brahma

Question ID : **81616112329**

Status : **Answered**

Chosen Option : **1**

Q.19 Which of the following is the largest sea bird with the longest wingspan?

Ans ✗ 1. Frigatebird

✗ 2. Booby

✓ 3. Wandering Albatross

✗ 4. Auk

Question ID : **81616113447**

Status : **Marked For Review**

Chosen Option : **3**

Q.20 Which Indian state won the 'UN Interagency Task Force' ('UNIATF') award this year for prevention and control of non-communicable diseases in the year 2020?

Ans ✓ 1. Kerala

✗ 2. Gujarat

✗ 3. Goa

✗ 4. Tamil Nadu

Question ID : **81616112445**

Status : **Not Answered**

Chosen Option : **--**

Q.21 In which of the following states was India's first gender park inaugurated in February 2021?

Ans ✓ 1. Kerala

✗ 2. West Bengal

✗ 3. Karnataka

✗ 4. Odisha

Question ID : **81616113462**

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

Chosen Option : **--**

Q.22 What is the boiling point at standard atmospheric pressure at sea-level and 45° latitude of water on the Celsius scale?

Ans ✗ 1. 150°C

✓ 2. 100°C

✗ 3. 50°C

✗ 4. 200°C

Question ID : **81616112334**

Status : **Answered**

Chosen Option : **2**

Q.23 Which of the following rivers empties into the Gulf of Cambay of the Arabian Sea, in the state of Gujarat?

Ans ✗ 1. Krishna

✗ 2. Godavari

✔ 3. Tapti

✗ 4. Cauvery

Question ID : **81616112337**
Status : **Answered**
Chosen Option : **3**

Q.24 In which of the following states is the 'Eco Retreat' festival held every year?

Ans ✗ 1. Bihar

✗ 2. Assam

✔ 3. Odisha

✗ 4. Tamil Nadu

Question ID : **81616113338**
Status : **Not Answered**
Chosen Option : **--**

Q.25 Which of the following states was awarded by the Union Government for being the best state in the fisheries sector amongst hilly and north-eastern states for the year 2019-2020?

Ans ✔ 1. Assam

✗ 2. Tripura

✗ 3. Sikkim

✗ 4. Mizoram

Question ID : **81616113449**
Status : **Marked For Review**
Chosen Option : **1**

Section : **Quantitative Aptitude**

Q.1 A takes 2 hours more than B to cover a distance of 40 km. If A doubles his speed, he takes $1\frac{1}{2}$ hour more than B to cover 80 km. To cover a distance of 120 km, how much time (in hours) will B take travelling at his same speed?

Ans ✗ 1. $1\frac{1}{3}$

✗ 2. $1\frac{2}{3}$

✗ 3. $1\frac{1}{4}$

✔ 4. $1\frac{1}{2}$

Question ID : **81616113372**
Status : **Not Answered**
Chosen Option : **--**

Q.2 An article is marked 27% above its cost price. If x % discount is allowed on the marked price and still there is a profit of 6.68%, then what is the value of x?

Ans ✗ 1. 20

✗ 2. 12.5

✓ 3. 16

✗ 4. 15

Q.3 The table shows the daily income of 50 persons.
Study the table and answer the question.

Income (₹)	No. of persons
less than 200	12
less than 250	26
less than 300	34
less than 350	40
less than 400	50

What is the ratio of the number of persons earning less than ₹200 to the number of persons earning ₹300 or more?

Ans ✗ 1. 6 : 17

✓ 2. 3 : 4

✗ 3. 3 : 10

✗ 4. 6 : 5

Q.4 The data given in the table shows the number of students studying in four different disciplines in 5 institutes.
Study the table and answer the question.

Institutes	Arts	Science	Commerce	Computer Science
A	36	48	59	57
B	45	54	55	48
C	55	36	56	51
D	45	48	55	53
E	48	44	52	55

Number of students studying Computer Science in the institutes A and C taken together is what percent of the number of students studying Arts in the institutes B and D taken together?

Ans ✗ 1. 200

✗ 2. 83.3

✗ 3. 108

✓ 4. 120

Q.5 Simplify $(x - y + z)^2 - (x - y - z)^2$.

Ans
✗ 1. $2xz + 2yz$

✗ 2. $4yz - 4xz$

✗ 3. $4xz + 4yz$

✓ 4. $4xz - 4yz$

Q.6 In a circle with centre O and radius 13 cm, a chord AB is drawn. Tangents at A and B intersect at P such that $\angle APB = 60°$. If distance of AB from the centre O is 5 cm, then what is the length (in cm) of AP?

Ans
✗ 1. 22

✓ 2. 24

✗ 3. 11

✗ 4. 12

Q.7 A certain sum amounts to ₹81840 in 3 years and to ₹92400 in 5 years at $x\%$ p.a under simple interest. If the rate of interest is becomes $(x + 2)\%$, then in how many years will the same sum double itself?

Ans
✗ 1. $12\frac{1}{2}$

✗ 2. 8

✓ 3. 10

✗ 4. 20

Q.8 Find the value of $\tan 35° \cot 40° \tan 45° \cot 50° \tan 55°$.

Ans
✗ 1. $\frac{1}{2}$

✓ 2. 1

✗ 3. -1

✗ 4. $\frac{1}{\sqrt{2}}$

Q.9 What is the value of k such that number 72k460k is divisible by 6?

Ans ✔ 1. 4

✘ 2. 9

✘ 3. 7

✘ 4. 8

Q.10 Triangle ABC is an equilateral triangle. D and E are points on AB and AC respectively such that DE is parallel to BC and is equal to half the length of BC. If AD+CE+BC = 30 cm, then find the perimeter (in cm) of the quadrilateral BCED.

Ans ✘ 1. 45

✘ 2. 25

✔ 3. 37.5

✘ 4. 35

Q.11 In a factory there are 39 workers who have been categorized into five groups (A, B, C, D, E) on the basis of the range of their daily wages (in multiples of ₹100). The distribution is presented through a Histogram shown below:
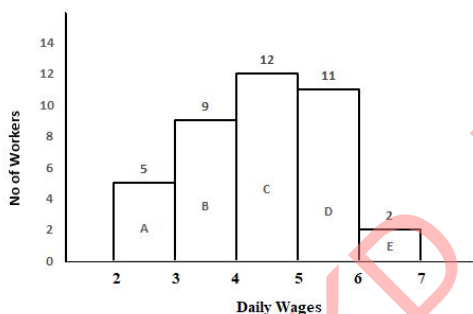
What is the ratio of the number of employees whose daily wages are ₹200 or more but less than ₹400 to that of the number of employees whose daily wages are ₹400 or more but less than ₹600?

Ans ✘ 1. 23 : 41

✘ 2. 23 : 14

✘ 3. 41 : 23

✔ 4. 14 : 23

Q.12 In Δ ABC, D is a point on side AB such that BD = 3 cm and DA = 4 cm. E is a point on BC such that DE ∥ AC,. Then

Area of Δ BDE : Area of trapezium ACED =

Ans
✗ 1. 16 : 33
✗ 2. 40 : 9
✗ 3. 33 : 16
✓ 4. 9 : 40

Q.13 Weight of A is 20% more than weight of B, whose weight is 30% more than weight of C. By how much percent weight of A is more than weight of C?

Ans
✗ 1. 69
✓ 2. 56
✗ 3. 44
✗ 4. 35.89

Q.14 Fourteen persons can do a work in 18 days. After 5 days of work, 6 workers left the work, and joined back on the last day of the work. In how many days the work got completed?

Ans
✗ 1. 24
✗ 2. 12
✗ 3. 21
✓ 4. 27

Q.15 Simplify the following expression:

$$3 \times 8 \div 9 \text{ of } 6 - 2 \div 3 \times (5 - 2) \times 2 + 18 \div 3 \text{ of } 3$$

Ans
✗ 1. -4
✗ 2. $2\frac{12}{13}$
✓ 3. $-1\frac{5}{9}$
✗ 4. $2\frac{1}{3}$

Q.16 In a circle, chords AB and CD intersect internally, at E. If CD = 16 cm, DE = 6 cm, AE = 12 cm, and BE = x cm then the value of x is:

Ans
✗ 1. 17

✔ 2. 5

✗ 3. 9

✗ 4. 6

Q.17 The average of squares of five consecutive odd natural numbers is 233. What is the average of the largest number and the smallest number?

Ans
✗ 1. 11

✗ 2. 17

✗ 3. 13

✔ 4. 15

Q.18 A sold an article to B at a profit of 25%. B sold it to C at a profit of 15%. The profit made by B is ₹40 less than the profit made by A. What is the cost price (in ₹) of the article for A?

Ans
✗ 1. 546

✗ 2. 400

✔ 3. 640

✗ 4. 240

Q.19 If $\sin(20 + x)° = \cos 60°, 0 \le (20 + x) \le 90$, then find the value of $2\sin^2(3x + 15)° - \csc^2(2x + 10)°$.

Ans
✗ 1. 3

✔ 2. -3

✗ 3. -2

✗ 4. $-\dfrac{1}{3}$

Q.20 The ratio of two numbers A and B is 5 : 8. If 5 is added to each of A and B, then the ratio becomes 2 : 3. The difference in A and B is:

Ans ✓ 1. 15

✗ 2. 12

✗ 3. 10

✗ 4. 20

Q.21 If $a^2 + b^2 + c^2 + 216 = 12(a + b - 2c)$, then $\sqrt{ab - bc - ca}$ is:

Ans ✓ 1. $6\sqrt{5}$

✗ 2. $4\sqrt{5}$

✗ 3. $3\sqrt{5}$

✗ 4. $8\sqrt{5}$

Q.22 If $\left(2a + \dfrac{3}{a} - 1\right) = 11$, what is the value of $\left(4a^2 + \dfrac{9}{a^2}\right)$?

Ans ✗ 1. 110

✗ 2. 148

✓ 3. 132

✗ 4. 121

Q.23 If $sec(5\alpha - 15°) = cosec(15° - 2\alpha)$, then the value of $cos\alpha + sin2\alpha + tan(1.5\alpha)$ is:

Ans ✗ 1. $\sqrt{2} + 1$

✗ 2. $\sqrt{2} - 1$

✗ 3. $\sqrt{3} - 1$

✓ 4. $\sqrt{3} + 1$

Q.24 Bar graph shows the number of males and females in five organizations A, B, C, D and E.

Number of Male and Female in different Organisations
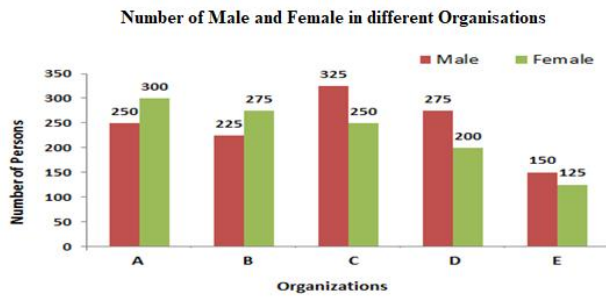
For which organisation, difference between the number of males and the average number of females of all the organisations is minimum?

Ans
- ✗ 1. C
- ✔ 2. B
- ✗ 3. D
- ✗ 4. A

Q.25 The area of a quadrant of a circle is $\frac{\pi}{9}\ m^2$. Its radius (in metres) is equal to:

Ans
- ✗ 1. $\frac{3}{2}$
- ✗ 2. $\frac{1}{3}$
- ✗ 3. $\frac{1}{2}$
- ✔ 4. $\frac{2}{3}$

Section : **English Comprehension**

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

My neighbour was admitted to the hospital when he developed an allergic _____ to some medicine he took.

Ans
- ✗ 1. retort
- ✔ 2. reaction
- ✗ 3. rejoinder
- ✗ 4. result

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

Detrimental

Ans ✗ 1. Intellectual

✓ 2. Harmful

✗ 3. Friendly

✗ 4. Smart

Question ID : **81616113504**

Status : **Not Answered**

Chosen Option : **--**

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

Credit card _____ has increased in recent years.

Ans ✗ 1. freed

✓ 2. fraud

✗ 3. flake

✗ 4. fluke

Question ID : **81616112402**

Status : **Answered**

Chosen Option : **2**

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

After the old building was pulled out, the building contractor surveyed the progress of the work.

Ans ✓ 1. was pulled down

✗ 2. No substitution

✗ 3. was pulled up

✗ 4. was pulled over

Question ID : **81616113494**

Status : **Answered**

Chosen Option : **1**

Q.5 Select the option that expresses the given sentence in indirect speech.

The professor said to the media persons, "From our research we have come to the conclusion that there is life on that planet."

Ans ✗ 1. The professor told to the media persons that from your research you have come to the conclusion that there is life on that planet.

✗ 2. The professor informed the media persons that from our research we have come to the conclusion that there had been life on that planet.

✓ 3. The professor said to the media persons that from their research they had come to the conclusion that there was life on that planet.

✗ 4. The professor said to the media persons from our research you had come to the conclusion that there was life on that planet.

Question ID : **81616113492**

Status : **Answered**

Chosen Option : **3**

Q.6 **Select the most appropriate meaning of the given idiom.**

A bad egg

Ans ✔ 1. Someone who is dishonest and unreliable

✗ 2. Someone who regularly makes mistakes

✗ 3. Someone who doesn't like eggs

✗ 4. Someone who likes to break eggs

Question ID : **81616113406**

Status : **Marked For Review**

Chosen Option : **2**

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

Anxiety

Ans ✔ 1. Certainty

✗ 2. Restlessness

✗ 3. Nervousness

✗ 4. Panic

Question ID : **81616112495**

Status : **Answered**

Chosen Option : **1**

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

Blemish

Ans ✗ 1. Damage

✔ 2. Perfection

✗ 3. Stain

✗ 4. Discolouration

Question ID : **81616113405**

Status : **Not Answered**

Chosen Option : **--**

Q.9 **Select the INCORRECTLY spelt word.**

Ans ✗ 1. Colossal

✔ 2. Concensus

✗ 3. Magnificent

✗ 4. Articulate

Question ID : **81616112502**

Status : **Marked For Review**

Chosen Option : **1**

Q.10 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. According to his hypothesis, now known as the neuron theory, each nerve cell communicates with others through contiguity rather than continuity.
B. The watershed of all studies of the nervous system was an observation made in 1889 by Spanish scientist Santiago Ramón y Cajal.
C. It has since been proved that Cajal's theory is not universally true, but his central idea has remained an accurate guiding principle for all further study.
D. That is, communication between adjacent but separate cells must take place across the space and barriers separating them.

Ans ✗ 1. BCDA

✗ 2. ADCB

✓ 3. BADC

✗ 4. CDAB

Question ID : **81616113401**
Status : **Not Answered**
Chosen Option : **--**

Q.11 Select the option that expresses the given sentence in passive voice.

You can solve this problem.

Ans ✓ 1. This problem can be solved by you.

✗ 2. This problem should be solved by you.

✗ 3. This problem ought to be solved by you.

✗ 4. This problem might be solved by you.

Question ID : **81616112380**
Status : **Answered**
Chosen Option : **1**

Q.12 Select the option that can be used as a one-word substitute for the given group of words.

An arrangement of flowers that is usually given as a present.

Ans ✗ 1. Basket

✗ 2. Bracket

✓ 3. Bouquet

✗ 4. Boutique

Question ID : **81616112398**
Status : **Answered**
Chosen Option : **3**

Q.13 Select the INCORRECTLY spelt word.

Ans ✗ 1. Cadre

✓ 2. Calender

✗ 3. Carnivorous

✗ 4. Commit

Question ID : **81616112501**
Status : **Marked For Review**
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 there is no error, select 'No error'.

Modern science have / broken many myths / about our food and diet.

Ans ✔ 1. Modern science have

✘ 2. about our food and diet

✘ 3. broken many myths

✘ 4. No error

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

Tag (n)

Ans ✔ 1. Label

✘ 2. Syphon

✘ 3. Pump

✘ 4. Drain

Q.16 Select the option that can be used as a one-word substitute for the given group of words.

One who does not believe in the existence of God.

Ans ✔ 1. Atheist

✘ 2. Cynic

✘ 3. Anarchist

✘ 4. Egotist

Q.17 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

The apple a day keeps the doctor away.

Ans ✘ 1. No substitution

✔ 2. An apple a day

✘ 3. The apples a day

✘ 4. A apple a day

Q.18 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.

Ranbir could not went / to the award ceremony / as he was busy / shooting / for a film / in Maldives.

Ans ✗ 1. for a film

✓ 2. Ranbir could not went

✗ 3. to the award ceremony

✗ 4. as he was busy

Question ID : **81616112379**

Status : **Answered**

Chosen Option : **2**

Q.19 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. Dad: "Yes, tell me."
B. Laxmi: "Dad, I need to speak to you."
C. Dad: "I think you are still too young for it."
D. Laxmi: "Please buy me a scooter."

Ans ✗ 1. DCBA

✗ 2. ABDC

✓ 3. BADC

✗ 4. BCDA

Question ID : **81616112491**

Status : **Answered**

Chosen Option : **3**

Q.20 Select the most appropriate meaning of the given idiom.

Tide someone over

Ans ✗ 1. Complete a voyage successfully

✓ 2. Give temporary help, usually financial

✗ 3. Ask someone for financial assistance

✗ 4. Get a boat ready to cross a river or water body

Question ID : **81616113407**

Status : **Answered**

Chosen Option : **2**

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 blank.

The five senses (1)_____ sight, hearing, taste, touch and (2)_____. What is sometimes (3)_____ to as a 'sixth sense' is a power to be aware (4)_____ things independently of the five (5)_____ senses, a kind of supernatural sense.

SubQuestion No : 21

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

Ans ✗ 1. is

✗ 2. of

✔ 3. are

✗ 4. in

Question ID : **81616112486**
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 blank.

The five senses (1)_____ sight, hearing, taste, touch and (2)_____. What is sometimes (3)_____ to as a 'sixth sense' is a power to be aware (4)_____ things independently of the five (5)_____ senses, a kind of supernatural sense.

SubQuestion No : 22

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

Ans ✗ 1. anger

✗ 2. happiness

✔ 3. smell

✗ 4. sadness

Question ID : **81616112487**
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 blank.

The five senses (1)_____ sight, hearing, taste, touch and (2)_____. What is sometimes (3)_____ to as a 'sixth sense' is a power to be aware (4)_____ things independently of the five (5)_____ senses, a kind of supernatural sense.

SubQuestion No : 23

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

Ans ✗ 1. required

✔ 2. referred

✗ 3. retained

✗ 4. reminded

Question ID : **81616112488**
Status : **Answered**
Chosen Option : **2**

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 blank.

The five senses (1)_____ sight, hearing, taste, touch and (2)_____. What is sometimes (3)_____ to as a 'sixth sense' is a power to be aware (4)_____ things independently of the five (5)_____ senses, a kind of supernatural sense.

SubQuestion No : 24

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

Ans ✗ 1. on

✔ 2. of

✗ 3. in

✗ 4. at

Question ID : **81616112489**

Status : **Answered**

Chosen Option : **2**

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 blank.

The five senses (1)_____ sight, hearing, taste, touch and (2)_____. What is sometimes (3)_____ to as a 'sixth sense' is a power to be aware (4)_____ things independently of the five (5)_____ senses, a kind of supernatural sense.

SubQuestion No : 25

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

Ans ✗ 1. botanical

✗ 2. geological

✗ 3. geographical

✔ 4. physical

Question ID : **81616112490**

Status : **Answered**

Chosen Option : **4**

Combined Graduate Level Examination 2020 Tier-I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	20/08
Exam Time	12:00 PM - 1:00 PM
Subject	Combined Graduate Level Examination 2020 Tier 1

Section : **General Intelligence and Reasoning**

Q.1 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Relatival
2. Relation
3. Related
4. Relative
5. Relatable

Ans ✗ 1. 5, 2, 3, 1, 4

✗ 2. 5, 3, 2, 4, 1

✗ 3. 4, 5, 3, 2, 1

✓ 4. 5, 3, 2, 1, 4

Question ID : **81616112203**
Status : **Answered**
Chosen Option : **4**

Q.2 Select the number from among the given options that can replace the question mark (?) in the following series.

18, 3, 36, 6, 54, 9, ?

Ans ✗ 1. 12

✗ 2. 89

✗ 3. 90

✓ 4. 72

Question ID : **81616112213**
Status : **Answered**
Chosen Option : **4**

Q.3 Select the option in which the words share the same relationship as that shared by the given pair of words.

Cat : Kitten

Ans ✗ 1. Bee : Queen

✗ 2. Penguin : Fawn

✓ 3. Caw : Calf

✗ 4. Shark : Lamb

Question ID : **81616112712**
Status : **Answered**
Chosen Option : **3**

Q.4 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different.

Ans ✗ 1. 727 : 609

✗ 2. 373 : 255

✓ 3. 191 : 177

✗ 4. 797 : 679

Question ID : **81616113427**
Status : **Not Answered**
Chosen Option : **--**

Q.5 In a certain code language, 'INERTIA' is written as 'RGVKGBZ'. How will 'FLOWER' be written in that language?

Ans ✅ 1. UELPVK

❌ 2. VEMPUL

❌ 3. EVPMUL

❌ 4. ULEVPK

Q.6 स्वाति, अनिल की इकलौती बहन अक्षरा की बेटी है। अनिल की माँ गौरी है। कामिनी, गौरी की माँ है। कामिनी का पति गौरव है। पूनम, गौरव की सास है। स्वाति का गौरव से क्या संबंध है?

Ans ❌ 1. पोती/नातिन

✅ 2. परपोती/परनातिन

❌ 3. परपोती की बेटी

❌ 4. बेटी
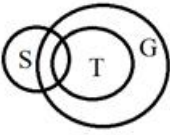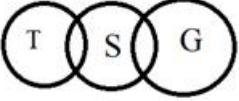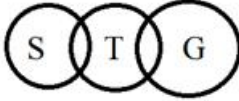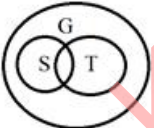
Q.7 Read the given statements disregarding commonly known facts and then from the following four options, identify the Venn diagram that correctly represents the statements.

Statements:
Some stools (S) are tumblers(T)
Some tumblers (T) are grinders(G)

Ans

❌ 1.

❌ 2.

✅ 3.

❌ 4.

Q.8 वह विकल्प चुनें जो तीसरे शब्द से उसी प्रकार संबंधित है, जिस प्रकार दूसरा शब्द पहले शब्द से संबंधित है।

प्रफुल्लित : उदास :: शांत करना : ?

Ans ❌ 1. राहत देना

❌ 2. निराकरण करना

✅ 3. भड़काना

❌ 4. धीरज देना

Q.9 Find the number of triangles in the given figure.

Ans
✔ 1. 32
✘ 2. 28
✘ 3. 26
✘ 4. 30

Q.10 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

P
PRESCRIPTION|
Q

Ans
✘ 1. ЬᴙƎꙄϽᴙIЬꟻIOᴎ
✔ 2. ᴎOITꟼIᴙϽꙄƎᴙꟼ
✘ 3. ᴎOITIᴙϽꙄƎᴙꟼ
✘ 4. ЬᴙƎꙄϽᴙꙄbIOᴎ

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 follows from the statements.

Statements:
1.All fans are heaters.
2. Some coolers are fans.
3. All purifiers are coolers.

Conclusions:
I. All purifiers are heaters.
II. Some purifiers are heaters.
III. Some heaters are coolers.
IV. All coolers are heaters.

Ans
✔ 1. Only conclusion III follows

✘ 2. Both conclusions II and III follow

✘ 3. Both conclusions I and II follow

✘ 4. Only conclusion I follows

Q.12 Select the option figure in which the given figure is embedded (rotation is NOT allowed).

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.
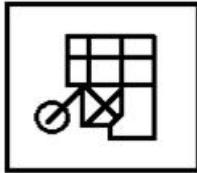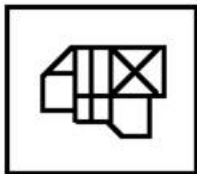
Question ID : 81616112728
Status : **Answered**
Chosen Option : **2**

Q.13 In a certain code language, 'PRIVATE' is coded as '93236441540' and 'SHORTEN' is coded as '1615383652840'. How will 'REFUSAL' be coded in that language?

Ans ✔ 1. 512362112438

✗ 2. 563642112438

✗ 3. 561842212219

✗ 4. 521361212438

Question ID : 81616113421
Status : **Not Answered**
Chosen Option : **--**

Q.14 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

7 35 13
9 24 14
13 120 ?

Ans ✗ 1. 28

✗ 2. 20

✗ 3. 26

✔ 4. 24

Question ID : 81616113529
Status : **Not Answered**
Chosen Option : **--**

Q.15 नीचे चार शब्द दिए गए हैं जिनमें से तीन किसी संदर्भ में एक समान हैं और उनमें से एक असंगत है। उस असंगत शब्द का चयन करें।

Ans   ✗ 1. अड़चन डालना

      ✗ 2. वर्जित करना

      ✗ 3. अटकाना

      ✔ 4. अनुज्ञा देना

Q.16 Select the option that is related to the fourth number in the same way as the first number is related to the second number and the fifth number is related to the sixth number.

8 : 24 : : ? : 52 : : 18 : 114

Ans   ✗ 1. 20

      ✗ 2. 16

      ✗ 3. 14

      ✔ 4. 12

Q.17 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

DVG, ITM, NRS, SPY,?

Ans   ✗ 1. WNF

      ✔ 2. XNE

      ✗ 3. WOE

      ✗ 4. XOF

Q.18 Select the cube(s) that can be formed by folding the given sheet along the lines.
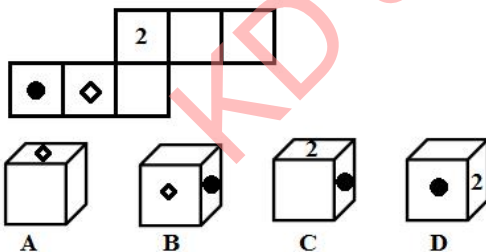
Ans   ✗ 1. Only A, B and C

      ✔ 2. All A, B, C and D

      ✗ 3. Only B and D

      ✗ 4. Only A

Q.19 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(4, 7, 359)

Ans   ✔ 1. (6, 8, 548)

   ✘ 2. (3, 2, 71)

   ✘ 3. (10, 3, 172)

   ✘ 4. (5, 4, 98)

Q.20 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.

Q.21 Select the figure from among the given options that can replace the question mark (?) in the following series.

Ans

✘ 1.

✘ 2.

✘ 3.

✔ 4.
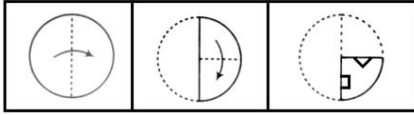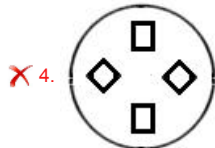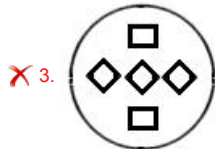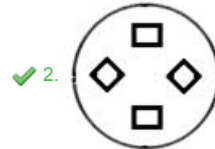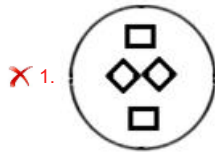
Q.22 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

m_tq_ml_qrm_tq_m_t_r

Ans   ✗ 1. l, l, q, r, l, r, t

     ✗ 2. l, q, r, l, l, r, t

     ✓ 3. l, r, t, l, r, l, q

     ✗ 4. l, t, r, l, l, r, q

Q.23 अलेख्या का जन्म अपनी माँ की शादी के एक वर्ष बाद हुआ था। उसके पिता उसकी माँ से दो वर्ष बड़े हैं और अलेख्या से पच्चीस वर्ष बड़े हैं, जो इस समय छह वर्ष की है। उसकी माँ की शादी किस उम्र में हुई थी?

Ans   ✗ 1. 25 वर्ष

     ✗ 2. 21 वर्ष

     ✗ 3. 31 वर्ष

     ✓ 4. 22 वर्ष

Q.24 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. CZWT

     ✗ 2. PMJG

     ✗ 3. SPMJ

     ✓ 4. GDAW

Q.25 Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the equation.

221 * 17 * 12 * 130 * 24 * 50

Ans   ✗ 1. ÷, −, ×, =, +

     ✗ 2. ×, ÷, −, +, =

     ✓ 3. ÷, ×, −, +, =

     ✗ 4. ÷, ×, −, =, +

Section : **General Awareness**

Q.1 Kala-azar disease is caused by _____.

Ans   ✗ 1. fungi

     ✗ 2. viruses

     ✗ 3. bacteria

     ✓ 4. protozoa

Q.2 Who among the following was one of the leaders of the Santhal rebellion?

Ans ✅ 1. Sidhu Manjhi

❌ 2. Surya Sen

❌ 3. BR Ambedkar

❌ 4. Swami Vivekanand

Question ID : **81616113552**
Status : **Not Answered**
Chosen Option : **--**

Q.3 Nathu La Pass connects India with which of its neighbouring countries?

Ans ❌ 1. Nepal

❌ 2. Bangladesh

❌ 3. Bhutan

✅ 4. China

Question ID : **81616113448**
Status : **Answered**
Chosen Option : **3**

Q.4 With which of the following states is the 'Sao Joao' festival associated?

Ans ❌ 1. Karnataka

❌ 2. Kerala

✅ 3. Goa

❌ 4. Tamil Nadu

Question ID : **81616113440**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.5 Which of the following Indian banks launched contactless wearable payment devices called 'Wear N Pay' in March 2021?

Ans ❌ 1. HDFC Bank

❌ 2. ICICI Bank

✅ 3. Axis Bank

❌ 4. Indus Ind Bank

Question ID : **81616113442**
Status : **Not Answered**
Chosen Option : **--**

Q.6 In which of the following states are the Son Bhandar Caves located?

Ans ❌ 1. Uttar Pradesh

❌ 2. Assam

✅ 3. Bihar

❌ 4. Odisha

Question ID : **81616113540**
Status : **Not Answered**
Chosen Option : **--**

Q.7 India participated in the Petersberg Climate Dialogue 2020 hosted virtually by _____.

Ans ❌ 1. France

❌ 2. The US

❌ 3. The UK

✅ 4. Germany

Question ID : **81616112755**
Status : **Not Answered**
Chosen Option : **--**

Q.8 Collagen is a type of _____.

Ans ✗ 1. carbohydrate

✓ 2. protein

✗ 3. vitamin

✗ 4. fat

Question ID : **81616112232**

Status : **Marked For Review**

Chosen Option : **2**

Q.9 Who among the following was the first Indian to win a seat in the House of Commons?

Ans ✗ 1. MN Roy

✓ 2. Dadabhai Naoroji

✗ 3. WC Bonnerjee

✗ 4. Hasrat Mohani

Question ID : **81616112746**

Status : **Answered**

Chosen Option : **3**

Q.10 Who among the following is the author of the book 'Inglorious Empire: What the British Did to India'?

Ans ✗ 1. Ramchandra Guha

✓ 2. Shashi Tharoor

✗ 3. Ashwin Sanghi

✗ 4. VS Naipaul

Question ID : **81616112749**

Status : **Answered**

Chosen Option : **2**

Q.11 Who among the following won the men's singles title at the Toyota Thailand Open badminton tournament in January 2021?

Ans ✓ 1. Viktor Axelsen

✗ 2. Rasmus Gemke

✗ 3. Hans-Kristian Solberg Vittinghus

✗ 4. Kidambi Srikanth

Question ID : **81616113561**

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

Chosen Option : **--**

Q.12 In which Indian state will you find the Kathiawar peninsula?

Ans ✗ 1. Rajasthan

✗ 2. Maharashtra

✓ 3. Gujarat

✗ 4. Mizoram

Question ID : **81616112238**

Status : **Not Answered**

Chosen Option : **--**

Q.13 Which of the following is a State party as of February 2021?

Ans ✗ 1. Communist Party of India

✗ 2. Trinamool Congress

✗ 3. Bahujan Samaj Party

✓ 4. Aam Aadmi Party

Question ID : **81616112751**

Status : **Marked For Review**

Chosen Option : **2**

Q.14 In which of the following years was the Asiatic Society at Calcutta (Kolkata) founded by Sir William Jones?

Ans ✓ 1. 1784

✗ 2. 1767

✗ 3. 1800

✗ 4. 1820

Question ID : **81616113452**
Status : **Answered**
Chosen Option : **1**

Q.15 Which of the following states will have India's first lithium-ion battery manufacturing plant, expected to become operational by 2021?

Ans ✓ 1. Gujarat

✗ 2. Maharashtra

✗ 3. Kerala

✗ 4. Karnataka

Question ID : **81616112251**
Status : **Answered**
Chosen Option : **1**

Q.16 Who among the following became India's youngest ever mayor in December 2020? The 21-year-old is currently serving as the mayor of Thiruvananthapuram Corporation.

Ans ✓ 1. Arya Rajendran

✗ 2. Rajni Abbi

✗ 3. Mira Aggarwal

✗ 4. Chhavi Rajawat

Question ID : **81616112249**
Status : **Answered**
Chosen Option : **1**

Q.17 Who among the following is the author of the book 'Abode of Love'?

Ans ✗ 1. Shankar Dayal Sharma

✓ 2. Narendra Modi

✗ 3. APJ Abdul Kalam

✗ 4. Manmohan Singh

Question ID : **81616112243**
Status : **Answered**
Chosen Option : **1**

Q.18 Which of the following is a characteristic of human wants in terms of economics?

Ans ✗ 1. Wants are limited.

✗ 2. Wants do not become habits.

✓ 3. Wants are satiable.

✗ 4. Wants are not competitive.

Question ID : **81616112734**
Status : **Not Answered**
Chosen Option : **--**

Q.19 Who among the following published a set of Ashokan inscriptions in the year 1877?

Ans ✗ 1. DC Sircar

✗ 2. MS Vats

✓ 3. Alexander Cunningham

✗ 4. Colin Mackenzie

Question ID : **81616113555**
Status : **Not Answered**
Chosen Option : **--**

Q.20 Which of the following states became the first state to provide a tap water connection to every rural household in October 2020?

Ans ✗ 1. Sikkim

✓ 2. Goa

✗ 3. Bihar

✗ 4. West Bengal

Question ID : **81616113445**
Status : **Answered**
Chosen Option : **2**

Q.21 A fuse protects an electric circuit from:

Ans ✗ 1. inducing current

✗ 2. converting one form of energy into other

✓ 3. overloading

✗ 4. carrying current

Question ID : **81616113547**
Status : **Answered**
Chosen Option : **3**

Q.22 Which of the following states does the capital of India, Delhi share its border with?

Ans ✓ 1. Haryana

✗ 2. Punjab

✗ 3. Himachal Pradesh

✗ 4. Rajasthan

Question ID : **81616112742**
Status : **Answered**
Chosen Option : **1**

Q.23 Glucagon, a peptide hormone, is produced by the _____.

Ans ✓ 1. pancreas

✗ 2. hypothalamus

✗ 3. adrenals

✗ 4. pituitary glands

Question ID : **81616112740**
Status : **Answered**
Chosen Option : **1**

Q.24 Which Indian has the record of maximum catches as a non-wicketkeeper in men's cricket test matches till February 2021?

Ans ✗ 1. Saurav Ganguly

✗ 2. Mohammad Azharuddin

✓ 3. Rahul Dravid

✗ 4. Ajay Jadeja

Question ID : **81616112247**
Status : **Not Answered**
Chosen Option : **--**

Q.25 Which of the following Amendment Acts of the Constitution of India conferred statehood to Goa and formed a new union territory comprising of Daman and Diu?

Ans ✗ 1. 23rd Amendment Act

✓ 2. 56th Amendment Act

✗ 3. 67th Amendment Act

✗ 4. 45th Amendment Act

Question ID : **81616113457**
Status : **Not Answered**
Chosen Option : **--**

Section : **Quantitative Aptitude**

Q.1 What price (in ₹) should Radha mark on a bag which costs ₹1680 so as to earn a profit of 25% after allowing a discount of 16% on the marked price?

Ans
- ✗ 1. 2100
- ✓ 2. 2500
- ✗ 3. 2000
- ✗ 4. 2800

Q.2 If $2\cos^2\theta - 5\cos\theta + 2 = 0, 0° < \theta < 90°$, then the value of $(\sec\theta + \tan\theta)$ is:

Ans
- ✗ 1. $1 - \sqrt{3}$
- ✗ 2. $2 - \sqrt{3}$
- ✗ 3. $1 + \sqrt{3}$
- ✓ 4. $2 + \sqrt{3}$

Q.3 Simplify the following expression:

$$15 \div 3 \, of \, 2 \times 4 + 9 \div 18 \, of \, 2 \times 3 - 4 \div 8 \times 2$$

Ans
- ✓ 1. $9\frac{3}{4}$
- ✗ 2. $12\frac{3}{4}$
- ✗ 3. $39\frac{3}{4}$
- ✗ 4. $42\frac{3}{4}$

Q.4 Points A, D, C, B and E are concyclic. If ∠AEC = 50° and ∠ABD = 30°, then what is the measure (in degrees) of ∠CBD?

Ans
- ✗ 1. 15
- ✗ 2. 30
- ✓ 3. 20
- ✗ 4. 10

Q.5 If $\frac{x}{y} + \frac{y}{x} = 2, (x, y \neq o)$, then the value of $(x - y)$ is :

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

Q.6 Two pipes A and B can fill an empty tank in 10 hours and 16 hours respectively. They are opened alternately for 1 hour each, opening pipe B first. In how many hours, will the empty tank be filled?

Ans

✔ 1. $12\frac{2}{5}$

✘ 2. $14\frac{2}{5}$

✘ 3. $10\frac{2}{5}$

✘ 4. $16\frac{2}{5}$

Q.7 A shopkeeper sold two items. The selling price of the first item equals the cost price of the second item. He sold the first item at a profit of 20% and the second item at a loss of 10%. What is his overall profit/ loss percent?

Ans

✘ 1. Loss, $4\frac{6}{11}$ %

✔ 2. Profit, $3\frac{7}{11}$ %

✘ 3. Profit, $4\frac{7}{11}$ %

✘ 4. Loss, $8\frac{1}{3}$ %

Q.8 What is the sum of the digits of the largest five digit number which is divisible by 5, 35, 39 and 65?

Ans

✔ 1. 33

✘ 2. 30

✘ 3. 35

✘ 4. 27

Q.9 The angles of a triangle are in AP (arithmetic progression). If measure of the smallest angle is 50° less than that of the largest angle, then find the largest angle (in degrees).

Ans

✘ 1. 80

✔ 2. 85

✘ 3. 90

✘ 4. 75

Q.10 If $\left(56\sqrt{7}x^3 - 2\sqrt{2}y^3\right) \div \left(2\sqrt{7}x - \sqrt{2}y\right) = Ax^2 + By^2 - Cxy$, then find the value of $A + B - \sqrt{14}C$.

Ans

✘ 1. 19

✘ 2. 10

✔ 3. 58

✘ 4. 38

Q.11 The present population of a village is 15280. If the number of males increases by 25% and the number of females increases by 15%, then the population will become 18428. The difference between present population of males and females in the village is:

Ans
✔ 1. 1840
✘ 2. 1380
✘ 3. 920
✘ 4. 2760

Question ID : **81616113468**
Status : **Not Attempted and Marked For Review**
Chosen Option : --

Q.12 The ratio of monthly incomes of A and B is 4 : 5 and that of their monthly expenditures is 3 : 8. If the income of A is equal to the expenditure of B, then what is the ratio of savings of A and B?

Ans
✘ 1. 8 : 3
✘ 2. 2 : 5
✔ 3. 5 : 2
✘ 4. 3 : 8

Question ID : **81616113571**
Status : **Answered**
Chosen Option : **3**

Q.13 Study the following table and answer the question:

Percentage of marks obtained by six students in five subjects A, B, C, D & E.

Students \ Subjects	A (Out of 75)	B (Out of 80)	C (Out of 100)	D (Out of 50)	E (Out of 150)
Manju	68	85	86	72	92
Amit	64	65	80	96	80
Rekha	88	75	65	74	90
Anuj	80	55	68	66	84
Abhi	72	65	72	54	74
Vikram	60	70	73	84	86

The total marks obtained by Anuj in all the five subjects are ?

Ans
✘ 1. 328
✘ 2. 303
✘ 3. 324
✔ 4. 331

Question ID : **81616113890**
Status : **Answered**
Chosen Option : **4**

Q.14 Two circles of radii 18 cm and 16 cm intersect each other and the length of their common chord is 20 cm. What is the distance (in cm) between their centres?

Ans
✔ 1. $4\sqrt{14} + 2\sqrt{39}$
✘ 2. $4\sqrt{10} + 2\sqrt{39}$
✘ 3. $4\sqrt{14} - 2\sqrt{39}$
✘ 4. $4\sqrt{10} - 2\sqrt{39}$

Question ID : **81616113479**
Status : **Not Answered**
Chosen Option : --

Q.15 If $\cot\theta = \frac{15}{8}$, θ is an acute angle, then find the value of $\frac{(1-cos\theta)(2+2\,cos\theta)}{(2-2\,sin\theta)(1+sin\theta)}$.

Ans

✗ 1. $\frac{16}{15}$

✔ 2. $\frac{64}{225}$

✗ 3. $\frac{225}{64}$

✗ 4. $\frac{8}{15}$

Q.16 The volume of a wall whose height is 10 times its width and whose length is 8 times its height is $51.2\ m^3$. What is the cost (in ₹) of painting the wall on one side at the rate of ₹100/m^2 ?

Ans

✗ 1. 12750

✗ 2. 12500

✔ 3. 12800

✗ 4. 12250

Q.17 The data given in the table shows the number of students studying in 4 different disciplines in 5 institutes. Study the table and answer the question:

Institutes	Arts	Science	Commerce	Computer Science
A	36	48	59	57
B	45	54	55	48
C	55	36	56	51
D	45	48	55	53
E	48	44	52	55

What is the ratio of number of students studying Science in institutes C and D taken together to the number of students studying Computer Science in institutes A and E taken together?

Ans

✗ 1. 43 : 56

✗ 2. 42 : 55

✗ 3. 41 : 56

✔ 4. 3 : 4

Q.18 The table shows the daily income (in ₹) of 50 persons.

Study the table and answer the question:

Income (₹)	No. of persons
less than 200	12
less than 250	26
less than 300	34
less than 350	40
less than 400	50

What is the percentage of persons earning ₹250 or more?

Ans
✗ 1. 32
✗ 2. 68
✗ 3. 52
✔ 4. 48

Q.19 A boat can go 5 km upstream and $7\frac{1}{2}$ km downstream in 45 minutes. It can also go 5 km downstream and 2.5 km upstream in 25 minutes. How much time (in minutes) will it take to go 6 km downstream?

Ans
✗ 1. 20
✗ 2. 10
✗ 3. 15
✔ 4. 12

Q.20 If $cos(2\theta + 54°) = sin\theta$, $0° < (2\theta + 54°) < 90°$, then what is the value of $\frac{1}{cot5\theta + sec\frac{5\theta}{2}}$?

Ans
✗ 1. $\frac{\sqrt{3}}{2}$

✗ 2. $\frac{1}{3}$

✔ 3. $\frac{\sqrt{3}}{3}$

✗ 4. $\frac{2\sqrt{3}}{3}$

Q.21 If $\sqrt{x} - \frac{1}{\sqrt{x}} = \sqrt{7}$, then the value of $x^2 + \frac{1}{x^2}$ is:

Ans
✗ 1. 60
✗ 2. 75
✗ 3. 81
✔ 4. 79

Q.22 Study the following table and answer the question:

Percentage of marks obtained by six students in five subjects A, B, C, D & E.

Subjects / Students	A (Out of 75)	B (Out of 80)	C (Out of 100)	D (Out of 50)	E (Out of 150)
Manju	68	85	86	72	92
Amit	64	65	80	96	80
Rekha	88	75	65	74	90
Anuj	80	55	68	66	84
Abhi	72	65	72	54	74
Vikram	60	70	73	84	86

The total marks obtained by Amit in subjects A, B and C is what percent less than the total marks obtained by Vikram in subjects B, C, D and E?

Ans
- ✗ 1. 42
- ✗ 2. 35
- ✗ 3. 38
- ✔ 4. 40

Question ID : 81616113892
Status : Answered
Chosen Option : 4

Q.23 The interest (in ₹) to be paid on a sum of ₹30000 at 15% p.a. after $2\frac{2}{3}$ years, if interest compounded yearly, is:

Ans
- ✗ 1. 12364.50
- ✔ 2. 13642.50
- ✗ 3. 16342.50
- ✗ 4. 14362.50

Question ID : 81616113471
Status : Answered
Chosen Option : 2

Q.24 The average monthly salary of 60 employees of a factory is ₹29900. If two officers are getting ₹90000 each and the average salary of 8 supervisors is ₹65000, then what is the average salary (in ₹) of the remaining employees?

Ans
- ✗ 1. 21080
- ✗ 2. 22680
- ✗ 3. 29080
- ✔ 4. 21880

Question ID : 81616112759
Status : Answered
Chosen Option : 4

Q.25 Points P and Q are on the sides AB and BC respectively of a triangle ABC, right angled at B. If AQ = 11 cm, PC = 8 cm, and AC = 13 cm, then find the length (in cm) of PQ.

Ans
- ✗ 1. $4\sqrt{7}$
- ✗ 2. $\sqrt{15}$
- ✗ 3. 4.5
- ✔ 4. 4

Question ID : 81616112774
Status : Not Answered
Chosen Option : --

Section : **English Comprehension**

Q.1 Select the option that can be used as a one-word substitute for the given group of words.

One who supervises in an examination hall

Ans ✗ 1. Inspector

✗ 2. Manager

✓ 3. Invigilator

✗ 4. Verifier

Question ID : **81616113509**
Status : **Answered**
Chosen Option : **3**

Q.2 Select the most appropriate ANTONYM of the given word.

Censure

Ans ✗ 1. Contempt

✓ 2. Applause

✗ 3. Blunder

✗ 4. Fault

Question ID : **81616113607**
Status : **Answered**
Chosen Option : **2**

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

The herd are grazing in the fields far away from the farmer's hut.

Ans ✗ 1. The herd is grazed

✗ 2. The herd has grazing

✗ 3. No substitution

✓ 4. The herd is grazing

Question ID : **81616112787**
Status : **Answered**
Chosen Option : **4**

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

Sunil have been working as a personal assistant to the Director for two years.

Ans ✗ 1. has been worked

✗ 2. is working

✓ 3. has been working

✗ 4. No substitution

Question ID : **81616113493**
Status : **Answered**
Chosen Option : **3**

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

A person preoccupied with an unrealistically optimistic approach to life

Ans ✗ 1. Practical

✗ 2. Pragmatic

✗ 3. Rational

✓ 4. Quixotic

Question ID : **81616113510**
Status : **Answered**
Chosen Option : **2**

Q.6 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.

At the last meeting / which took place in November, / half the members submitted / their resignations on protest.

Ans ✗ 1. At the last meeting

✓ 2. their resignations on protest

✗ 3. half the members submitted

✗ 4. which took place in November

Question ID : **81616113490**
Status : **Answered**
Chosen Option : **1**

Q.7 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. Indeed, polymers such as regenerated cellulose, which have become familiar household materials under the trade names rayon and nylon, are also made into numerous non-fibre products, ranging from cellophane envelope windows to clear plastic soft-drink bottles.
B. The chemical compounds from which man-made fibres are produced are known as polymers, a class of compounds characterised by long, chain-like molecules of great size and molecular weight.
C. As fibres, these materials are prized for their strength, toughness, resistance to heat and mildew, and ability to hold a pressed form.
D. Many of the polymers that constitute man-made fibres are the same as or similar to compounds that make up plastics, rubbers, adhesives and surface coatings.

Ans ✗ 1. CBAD

✓ 2. BCDA

✗ 3. BDAC

✗ 4. ACDB

Question ID : **81616113603**
Status : **Not Answered**
Chosen Option : **--**

Q.8 Select the INCORRECTLY spelt word.

Ans ✗ 1. Dental

✗ 2. Doubt

✓ 3. Dictonary

✗ 4. Drought

Question ID : **81616112299**
Status : **Answered**
Chosen Option : **3**

Q.9 Select the most appropriate meaning of the following idiom.

To pay lip service

Ans ✗ 1. To ask for permission

✓ 2. To be insincere

✗ 3. To make loud statements

✗ 4. To talk out of turn

Question ID : **81616113609**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.10 Select the most appropriate meaning of the following idiom.

To get the ball rolling

Ans ✗ 1. To match an opponent

✗ 2. To keep working until late

✗ 3. To play a ball game well

✓ 4. To begin a process

Question ID : **81616113608**
Status : **Answered**
Chosen Option : **2**

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

Commence

Ans   ✗ 1. Stand

     ✗ 2. Shoot

     ✔ 3. Start

     ✗ 4. Stop

Question ID : **81616112796**
Status : **Answered**
Chosen Option : **3**

Q.12 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. He was in the habit of stealing food from others.
B. One night, the villagers decided to teach him a lesson and kept only rotten food in their kitchen.
C. The culprit ended up eating the rotten food and fell sick.
D. Once upon a time, there lived a man in a village.

Ans   ✗ 1. ABDC

     ✗ 2. BACD

     ✔ 3. DABC

     ✗ 4. ACDB

Question ID : **81616112289**
Status : **Answered**
Chosen Option : **3**

Q.13 Select the option that expresses the given sentence in indirect speech.

Kamal said, "I have done my work."

Ans   ✗ 1. Kamal said I have done my work.

     ✗ 2. Kamal said that he has done his work.

     ✗ 3. Kamal said that I have done my work.

     ✔ 4. Kamal said that he had done his work.

Question ID : **81616112785**
Status : **Answered**
Chosen Option : **2**

Q.14 Select the most appropriate option to fill in the blank.

The cabinet has _____ a proposal to change the way universities are funded and managed.

Ans   ✔ 1. endorsed

     ✗ 2. endangered

     ✗ 3. endeared

     ✗ 4. evaporated

Question ID : **81616112807**
Status : **Marked For Review**
Chosen Option : **1**

Q.15 Select the most appropriate option to fill in the blank.

Researchers have found that 16 facial expressions _____ universally in similar contexts across 12 world regions.

Ans   ✗ 1. transpire

     ✗ 2. befall

     ✗ 3. strike

     ✔ 4. occur

Question ID : **81616113513**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.16 Select the option that expresses the given sentence in passive voice.

Shiva wrote a letter to the head of the HR Department in response to the advertisement.

Ans ✔ 1. A letter was written by Shiva to the head of the HR department in response to the advertisement.

✘ 2. A letter was written by the head of the HR department to Shiva in response to the advertisement.

✘ 3. A letter was wrote by Shiva to the head of the HR department in response to the advertisement.

✘ 4. A letter had been written by Shiva to the head of the HR department in response to the advertisement.

Question ID : **81616113491**
Status : **Answered**
Chosen Option : **1**

Q.17 Select the INCORRECTLY spelt word.

Ans ✘ 1. Adequate

✔ 2. Adviseable

✘ 3. Adamant

✘ 4. Alternate

Question ID : **81616112300**
Status : **Answered**
Chosen Option : **2**

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

Principle

Ans ✔ 1. Axiom

✘ 2. Leader

✘ 3. Concrete

✘ 4. Headmaster

Question ID : **81616112797**
Status : **Marked For Review**
Chosen Option : **1**

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

Triumph

Ans ✘ 1. Pride

✘ 2. Joy

✘ 3. Celebration

✔ 4. Failure

Question ID : **81616112293**
Status : **Answered**
Chosen Option : **4**

Q.20 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 there is no error, select 'No error' as your answer.

My brother / who live in Pune / is arriving tomorrow.

Ans ✘ 1. My brother

✘ 2. is arriving tomorrow

✔ 3. who live in Pune

✘ 4. No error

Question ID : **81616113590**
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.

English vocabulary has (1)_____ remarkable range, flexibility and adaptability. Thanks to the periods (2)_____ contact with foreign (3)_____ and its readiness to (4)_____ new words out of old elements, English seems to have far more words in its core (5)_____ than other languages.

SubQuestion No : 21

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

Ans ✔ 1. a

✘ 2. an

✘ 3. the

✘ 4. one

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.

English vocabulary has (1)_____ remarkable range, flexibility and adaptability. Thanks to the periods (2)_____ contact with foreign (3)_____ and its readiness to (4)_____ new words out of old elements, English seems to have far more words in its core (5)_____ than other languages.

SubQuestion No : 22

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

Ans ✔ 1. of

✘ 2. on

✘ 3. to

✘ 4. at

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.

English vocabulary has (1)_____ remarkable range, flexibility and adaptability. Thanks to the periods (2)_____ contact with foreign (3)_____ and its readiness to (4)_____ new words out of old elements, English seems to have far more words in its core (5)_____ than other languages.

SubQuestion No : 23

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

Ans ✔ 1. languages

✘ 2. science

✘ 3. currencies

✘ 4. mathematics

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.

English vocabulary has (1)_____ remarkable range, flexibility and adaptability. Thanks to the periods (2)_____ contact with foreign (3)_____ and its readiness to (4)_____ new words out of old elements, English seems to have far more words in its core (5)_____ than other languages.

SubQuestion No : 24

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

Ans ✗ 1. discard

✔ 2. coin

✗ 3. shed

✗ 4. think

Question ID : **81616112287**
Status : **Answered**
Chosen Option : **2**

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.

English vocabulary has (1)_____ remarkable range, flexibility and adaptability. Thanks to the periods (2)_____ contact with foreign (3)_____ and its readiness to (4)_____ new words out of old elements, English seems to have far more words in its core (5)_____ than other languages.

SubQuestion No : 25

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

Ans ✔ 1. vocabulary

✗ 2. selection

✗ 3. catalogue

✗ 4. inventory

Question ID : **81616112288**
Status : **Answered**
Chosen Option : **1**

Combined Graduate Level Examination 2020 Tier-I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	20/08/2021
Exam Time	3:00 PM - 4:00 PM
Subject	Combined Graduate Level Examination 2020 Tier 1

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.
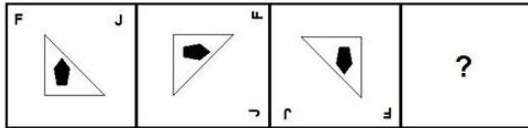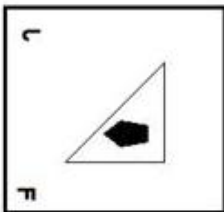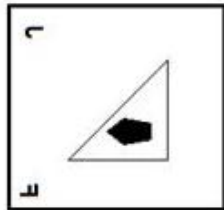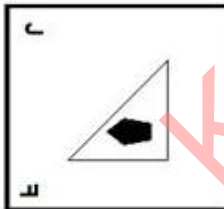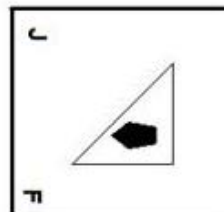
Question ID : **81616112523**
Status : **Answered**
Chosen Option : **4**

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:
No introvert is an extrovert.
All extroverts are ambiverts.

Conclusions:
I. No introvert is an ambivert.
II. No ambivert is an introvert.
III. Some ambiverts are extroverts.
IV. All ambiverts are extroverts.

Ans ✗ 1. Both conclusions I and IV follow

✗ 2. Both conclusions I and II follow

✗ 3. Only conclusion I follows

✓ 4. Only conclusion III follows

Question ID : **81616113222**
Status : **Answered**
Chosen Option : **4**

Q.3 Pointing towards Sumit, Anuj said, "He is my mother's father's son's brother's son". If Vinita who is married to Kartik, is the mother of Anuj, then how is Vinita related to Sumit?

Ans ✗ 1. Mother

✗ 2. Mother's sister

✗ 3. Sister

✓ 4. Father's sister

Question ID : **81616113928**
Status : **Not Answered**
Chosen Option : **--**

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

Ans ✗ 1.

✗ 2.

✓ 3.

✗ 4.

Question ID : **81616113941**
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 : **81616113940**

Status : **Answered**

Chosen Option : **2**

Q.6 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(3, 2, 3)

Ans ✗ 1. (4, 9, 12)

✔ 2. (5, 18, 27)

✗ 3. (12, 136, 204)

✗ 4. (7, 44, 66)

Question ID : **81616113126**

Status : **Not Answered**

Chosen Option : **--**

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.

14 : 112 : : 18 : ?

Ans ✗ 1. 181

✗ 2. 183

✗ 3. 184

✔ 4. 180

Question ID : **81616113224**

Status : **Marked For Review**

Chosen Option : **4**

Q.8 A cube is made by folding the given sheet. In the cube so formed, what would be the number on the face opposite the face showing the number '3'?
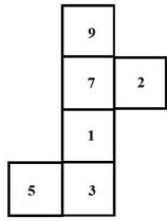
Ans ✗ 1. 9

✓ 2. 7

✗ 3. 1

✗ 4. 5

Question ID : **81616113131**

Status : **Answered**

Chosen Option : **2**

Q.9 In a certain code language, 'INHALE' is written as 'CNYJLK'. How will 'GUILTY' be written in that language?

Ans ✗ 1. ARNGWE

✗ 2. IJKSVW

✓ 3. WVJKSI

✗ 4. WRNKSE

Question ID : **81616113218**

Status : **Answered**

Chosen Option : **3**

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

CUPBOARD, DVPBOARD, DVQCOARD, ?, DVQCPBSE

Ans ✗ 1. DVQCPBSD

✗ 2. DVQCOASE

✓ 3. DVQCPBRD

✗ 4. DVPBPBRD

Question ID : **81616113919**

Status : **Answered**

Chosen Option : **3**

Q.11 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.
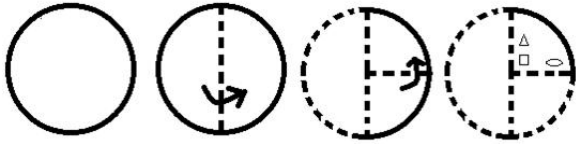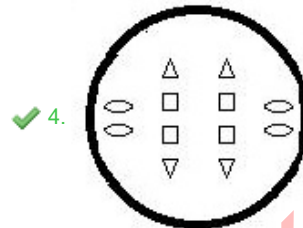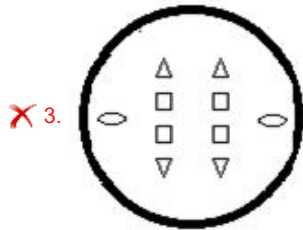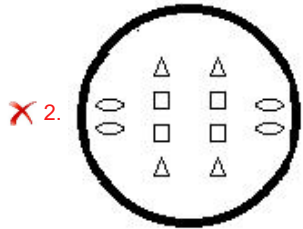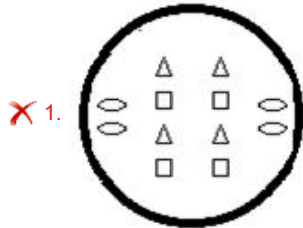
Question ID : **81616113942**
Status : **Answered**
Chosen Option : **4**

Q.12 Find the number of triangles in the given figure.
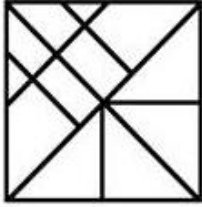
Ans   ✗ 1. 23

   ✗ 2. 17

   ✗ 3. 21

   ✔ 4. 19

Question ID : **81616113130**

Status : **Not Answered**

Chosen Option : **--**

Q.13 Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different.

Ans   ✗ 1. Loti

   ✗ 2. Naira

   ✗ 3. Euro

   ✔ 4. Pint

Question ID : **81616113114**

Status : **Marked For Review**

Chosen Option : **1**

Q.14 In a certain code language, 'LIBERTY' is coded as '4221824364050'. How will 'SLAVERY' be coded in that language?

Ans   ✗ 1. 22262438365040

   ✗ 2. 22242636384050

   ✗ 3. 26224233684540

   ✔ 4. 26222436384450

Question ID : **81616113118**

Status : **Marked For Review**

Chosen Option : **2**

Q.15 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

b _ e _ d k _ _ c e m _ k k b c _ m _ k k

Ans ✔ 1. c, m, k, b, d, e, d

✖ 2. c, k, k, b, d, e, d

✖ 3. c, k, m, b, d, e, d

✖ 4. c, m, k, b, c, c, d

Question ID : **81616113927**
Status : **Answered**
Chosen Option : **1**

Q.16 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. JLP

✖ 2. CEH

✖ 3. SUX

✖ 4. LNQ

Question ID : **81616112507**
Status : **Answered**
Chosen Option : **1**

Q.17 Four friends, Priya, Kavya, Gaurvi and Shalini, have different amounts of money with them. If Priya takes ₹88 from Kavya, then she will have an amount equal to what Gaurvi has. Shalini and Kavya together have a total of ₹550. If Gaurvi takes ₹25 from Shalini, she will have an amount equal to what Kavya has. If the total amount with Shalini, Kavya and Gaurvi is ₹840, how much money does Priya have?

Ans ✖ 1. ₹315

✖ 2. ₹280

✖ 3. ₹224

✔ 4. ₹202

Question ID : **81616113936**
Status : **Not Answered**
Chosen Option : **--**

Q.18 Select the option in which the words share the same relationship as that shared by the given pair of words.

Electricity : Television

Ans ✖ 1. Crops : Farmer

✖ 2. Diesel : Fuel

✖ 3. Temperature : Refrigerator

✔ 4. Petrol : Car

Question ID : **81616113924**
Status : **Answered**
Chosen Option : **4**

Q.19 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Illegitimate
2. Illegality
3. Illuminate
4. Illiterate
5. Illegible

Ans ✗ 1. 1, 2, 3, 4, 5

✗ 2. 3, 5, 2, 4, 1

✗ 3. 3, 5, 1, 2, 4

✔ 4. 2, 5, 1, 4, 3

Question ID : **81616112506**

Status : **Answered**

Chosen Option : **4**

Q.20 Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the equation.

5 * 468 * 18 * 70 * 180 * 4 * 5

Ans ✗ 1. ×, ÷, -, +, =, ×

✔ 2. ×, ÷, +, -, =, ×

✗ 3. ×, ÷, +, =, -, ×

✗ 4. ÷, ×, +, -, =, ×

Question ID : **81616113127**

Status : **Answered**

Chosen Option : **2**

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

Hen : Rooster : : Duck : ?

Ans ✗ 1. Monk

✔ 2. Drake

✗ 3. Stag

✗ 4. Drone

Question ID : **81616112509**

Status : **Answered**

Chosen Option : **2**

Q.22 Select the Venn diagram that best illustrates the relationship among the following classes.

Highlighter, Stationary, Eraser

Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.
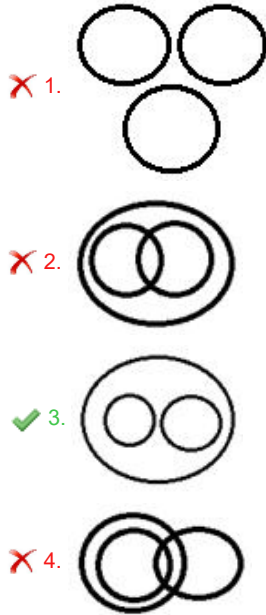
Question ID : **81616113236**

Status : **Answered**

Chosen Option : **3**

Q.23 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different.

Ans ✗ 1. 54 : 152

✗ 2. 36 : 98

✗ 3. 82 : 236

✔ 4. 68 : 196

Question ID : **81616113124**

Status : **Answered**

Chosen Option : **4**

Q.24 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

3 6 8
5 32 60
18 ? 238

Ans ✔ 1. 126

✗ 2. 124

✗ 3. 122

✗ 4. 128

Question ID : **81616113226**

Status : **Not Answered**

Chosen Option : **--**

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

13, 26, 52, 104, ?

Ans ✗ 1. 152

✗ 2. 230

✗ 3. 196

✓ 4. 208

Question ID : **81616112516**

Status : **Answered**

Chosen Option : **4**

Section : **General Awareness**

Q.1 Which of the following is the expanded form of the abbreviation 'Rep.' used in the text of the Constitution of India?

Ans ✓ 1. Repealed

✗ 2. Republic

✗ 3. Report

✗ 4. Representative

Question ID : **81616113963**

Status : **Marked For Review**

Chosen Option : **2**

Q.2 'Float Festival' is one of the main festivals celebrated in _____ .

Ans ✗ 1. Kannur

✓ 2. Madurai

✗ 3. Puducherry

✗ 4. Kanyakumari

Question ID : **81616113237**

Status : **Not Answered**

Chosen Option : **--**

Q.3 Which of the following books was written by Panini?

Ans ✗ 1. Raghuvamsam

✓ 2. Ashtadhyayi

✗ 3. Manusmriti

✗ 4. Kathasaritsagara

Question ID : **81616113958**

Status : **Answered**

Chosen Option : **2**

Q.4 _____ is the water transporting tissue in plants.

Ans ✗ 1. Stele

✓ 2. Xylem

✗ 3. Cortex

✗ 4. Phloem

Question ID : **81616113241**

Status : **Marked For Review**

Chosen Option : **2**

Q.5 'Oolong' is a variant of _____.

Ans ✗ 1. jute

✓ 2. tea

✗ 3. rubber

✗ 4. coffee

Question ID : **81616112541**

Status : **Not Answered**

Chosen Option : **--**

Q.6 Who among the following Sikh Gurus founded the Tarn Taran Sahib?

Ans ✗ 1. Guru Ram Das

✓ 2. Guru Arjan Dev

✗ 3. Guru Nanak Dev

✗ 4. Guru Gobind Sikh

Question ID : **81616113249**

Status : **Marked For Review**

Chosen Option : **1**

Q.7 Who among the following is the first ever woman fighter pilot to have taken part at a Republic Day Parade?

Ans ✗ 1. Anny Divya

✓ 2. Bhawna Kanth

✗ 3. Mohana Singh Jitarwal

✗ 4. Avani Chaturvedi

Question ID : **81616113967**

Status : **Answered**

Chosen Option : **2**

Q.8 In which of the following years was the Bombay Reorganization Act passed?

Ans ✗ 1. 1980

✓ 2. 1960

✗ 3. 1956

✗ 4. 1975

Question ID : **81616113154**

Status : **Not Answered**

Chosen Option : **--**

Q.9 Who is the author of the book, 'Walking with the Comrades'?

Ans ✗ 1. Pupul Jayakar

✗ 2. Prakash Karat

✗ 3. Sitaram Yechury

✓ 4. Arundhati Roy

Question ID : **81616113961**
Status : **Not Answered**
Chosen Option : **--**

Q.10 Which of the following Indian solar energy firms was ranked as the number one energy company in terms of capacity in 2020 by Mercom Capital?

Ans ✗ 1. Tata Solar

✓ 2. Adani Green

✗ 3. Waaree Energies

✗ 4. Jinko Solar

Question ID : **81616112554**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.11 In which of the following years were the first Commonwealth Games held in Canada?

Ans ✓ 1. 1930

✗ 2. 1909

✗ 3. 1912

✗ 4. 1956

Question ID : **81616113258**
Status : **Not Answered**
Chosen Option : **--**

Q.12 At which of the following places did Lord Buddha attain enlightenment?

Ans ✗ 1. Vaishali

✗ 2. Sarnath

✓ 3. Bodh Gaya

✗ 4. Rajgir

Question ID : **81616113149**
Status : **Answered**
Chosen Option : **3**

Q.13 Who was the first Director-General of Archaeological Survey of India?

Ans ✗ 1. Lord Curzon

✓ 2. Alexander Cunningham

✗ 3. Mortimer Wheeler

✗ 4. John Marshall

Question ID : **81616113252**

Status : **Answered**

Chosen Option : **4**

Q.14 Spider webs are made up of _____, a natural fibre made up of protein.

Ans ✓ 1. silk

✗ 2. hair

✗ 3. wool

✗ 4. fur

Question ID : **81616113244**

Status : **Answered**

Chosen Option : **1**

Q.15 Virupaksha Temple is situated in which of the following districts of Karnataka?

Ans ✗ 1. Chikkaballapur

✗ 2. Bidar

✓ 3. Ballari

✗ 4. Bagalkot

Question ID : **81616113137**

Status : **Answered**

Chosen Option : **4**

Q.16 AMRUT scheme was launched under the sanitation programme in 2015. What is the full form of AMRUT?

Ans ✓ 1. Atal Mission for Rejuvenation and Urban Transformation

✗ 2. Amar Mission for Renewable and Ultra Transmission

✗ 3. Aqua Mission for Renewable and Ultra Transformation

✗ 4. Aqua Mission for Rejuvenation and Urban Transmission

Question ID : **81616113142**

Status : **Answered**

Chosen Option : **1**

Q.17 In the context of agricultural costs in India, what is MSP?

Ans ✗ 1. Model Stability Product

✗ 2. Midterm Supply Plan

✗ 3. Maximum Selling Price

✓ 4. Minimum Support Price

Question ID : **81616113946**

Status : **Answered**

Chosen Option : **4**

Q.18 Which of the following Himalayan peaks is NOT located in Nepal?

Ans   ✔ 1. Kamet

       ✘ 2. Annapurna

       ✘ 3. Mount Everest

       ✘ 4. Makalu

Question ID : **81616113954**
Status : **Answered**
Chosen Option : **4**

Q.19 Who among the following is the first female from India to win a Grammy award?

Ans   ✘ 1. Monali Thakur

       ✘ 2. Palak Muchhal

       ✔ 3. Tanvi Shah

       ✘ 4. Neeti Mohan

Question ID : **81616112546**
Status : **Not Answered**
Chosen Option : **--**

Q.20 Who among the following became the first Indian javelin thrower to win an Asian Games gold medal in 2018?

Ans   ✘ 1. Vipin Kasana

       ✘ 2. Devender Singh

       ✔ 3. Neeraj Chopra

       ✘ 4. Shivpal Singh

Question ID : **81616112550**
Status : **Answered**
Chosen Option : **3**

Q.21 Which of the following is a characteristic of conservative force?

Ans   ✘ 1. Energy is dissipated as heat energy.

       ✘ 2. Work done by it in a round trip is not zero.

       ✘ 3. Work done by it depends upon the path.

       ✔ 4. Work done by it is completely recoverable.

Question ID : **81616112535**
Status : **Answered**
Chosen Option : **4**

Q.22 How many states does the World Bank aided 'STARS' project under the New Education Policy initially propose to cover?

Ans　❌ 1. Eight

　　　❌ 2. Four

　　　❌ 3. Ten

　　　✅ 4. Six

Question ID : **81616112552**
Status : **Answered**
Chosen Option : **1**

Q.23 In reference to atomicity, argon is:

Ans　❌ 1. diatomic

　　　❌ 2. polyatomic

　　　❌ 3. triatomic

　　　✅ 4. monoatomic

Question ID : **81616113952**
Status : **Answered**
Chosen Option : **2**

Q.24 The 'Ecowrap report' was published in May 2020 by which of the following banks?

Ans　✅ 1. SBI

　　　❌ 2. ICICI Bank

　　　❌ 3. RBI

　　　❌ 4. HDFC Bank

Question ID : **81616113139**
Status : **Not Answered**
Chosen Option : **--**

Q.25 Where is the Jai Hind bridge located in India?

Ans　✅ 1. Kolkata

　　　❌ 2. Hyderabad

　　　❌ 3. Mumbai

　　　❌ 4. Chennai

Question ID : **81616113145**
Status : **Answered**
Chosen Option : **1**

Section : **Quantitative Aptitude**

Q.1 A can do a piece of work in 2 days, and B can do five times the same work in 15 days when they work for ten hours a day. If they work together, then how many hours in addition to a days' work will they require to complete the work?

Ans ✔ 1. 2

✘ 2. 1

✘ 3. 0

✘ 4. 3

Question ID : **81616113169**

Status : **Answered**

Chosen Option : **1**

Q.2 The average weight of a certain number of students in a class is 55.5 kg. If 4 students with average weight 60 kg join the class, then the average weight of all students in the class increases by 360 g. The number of students in the class, initially, is:

Ans ✘ 1. 41

✘ 2. 31

✘ 3. 36

✔ 4. 46

Question ID : **81616113971**

Status : **Answered**

Chosen Option : **4**

Q.3 A boat goes 30 km upstream in 3 hours and downstream in 1 hour. How much time (in hours) will this boat take to cover 60 km in still water?

Ans ✘ 1. 6

✔ 2. 3

✘ 3. 5

✘ 4. 2

Question ID : **81616113271**

Status : **Answered**

Chosen Option : **2**

Q.4 The side of an equilateral △ ABC is $3\sqrt{7}$ cm. P is a point on side BC such that BP : PC = 1 : 2. The length (in cm) of AP is:

Ans ✘ 1. $6\sqrt{3}$

✘ 2. $7\sqrt{3}$

✘ 3. 6

✔ 4. 7

Question ID : **81616113986**

Status : **Marked For Review**

Chosen Option : **1**

Q.5 Two numbers are in the ratio 2 : 3. If 5 is subtracted from the first number and six is added to the second number, then the ratio becomes 5 : 12. What would the ratio become when eight is added to each number?

Ans

✗ 1. $14 : 11$

✔ 2. $14 : 19$

✗ 3. $11 : 14$

✗ 4. $19 : 14$

Question ID : **81616113268**

Status : **Answered**

Chosen Option : **2**

Q.6

The value of $\dfrac{\tan 13° \tan 36° \tan 45° \tan 54° \tan 77°}{2\,sec^2\,60°\,(\,sin^2\,60° - 3\,cos\,60° + 2\,)}$ is:

Ans

✗ 1. $-\dfrac{1}{4}$

✗ 2. $-\dfrac{1}{10}$

✔ 3. $\dfrac{1}{10}$

✗ 4. $\dfrac{1}{4}$

Question ID : **81616113080**

Status : **Answered**

Chosen Option : **3**

Q.7 A loan is to be returned in two equal yearly instalments. If the rate of interest is 10% p.a., compounded annually and each instalment is ₹6534, then the total interest charged (in ₹) is:

Ans

✔ 1. 1728

✗ 2. 1867

✗ 3. 1642

✗ 4. 1579

Question ID : **81616113168**

Status : **Answered**

Chosen Option : **1**

Q.8 If $x + y + z = 3, xy + yz + zx = -12$ and $xyz = -16$, then the value of $\sqrt{x^3 + y^3 + z^3 + 13}$ is:

Ans

✗ 1. 11

✗ 2. 9

✔ 3. 10

✗ 4. 8

Question ID : **81616113174**

Status : **Answered**

Chosen Option : **3**

Q.9 Simplify the following expression:

$8 \div 4$ of $2 - 15 \div 2$ of $5 - 6 \div 5 \times (-7 + 5)$ of 2

Ans

✗ 1. $31\frac{7}{10}$

✗ 2. $7\frac{3}{10}$

✔ 3. $4\frac{3}{10}$

✗ 4. $-\frac{1}{5}$

Question ID : **81616112556**
Status : **Marked For Review**
Chosen Option : **4**

Q.10 The value of $\sin^2 60° \cos^2 45° + 2 \tan^2 60° - \csc^2 30°$ is equal to:

Ans

✗ 1. $-\frac{17}{24}$

✗ 2. $-\frac{19}{8}$

✗ 3. $\frac{17}{24}$

✔ 4. $\frac{19}{8}$

Question ID : **81616113483**
Status : **Answered**
Chosen Option : **4**

Q.11 The area of a triangular plot having sides 12 m, 35 m and 37 m is equal to the area of a rectangular field whose sides are in the ratio 7 : 3. The perimeter (in m) of the field is:

Ans

✗ 1. $24\sqrt{10}$

✔ 2. $20\sqrt{10}$

✗ 3. $20\sqrt{5}$

✗ 4. $24\sqrt{5}$

Question ID : **81616113979**
Status : **Answered**
Chosen Option : **2**

Q.12 AB is a chord of a circle with centre O and P is any point on the circle. If ∠APB = 122°, then what is the measure of ∠OAB?

Ans ✗ 1. 15°

✗ 2. 28°

✔ 3. 32°

✗ 4. 22°

Question ID : **81616113176**

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

Chosen Option : **--**

Q.13 The marked price of an article is ₹5320. It is subject to two successive discounts, the first being 15%, and the second at a rate of 20% of the first. What is the selling price (to nearest ₹) of the article?

Ans ✔ 1. ₹4386

✗ 2. ₹4127

✗ 3. ₹4522

✗ 4. ₹4000

Question ID : **81616113265**

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

Chosen Option : **--**

Q.14 The value of $sec^4\theta(1 - sin^4\theta) - 2tan^2\theta$ is:

Ans ✔ 1. 1

✗ 2. 0

✗ 3. -1

✗ 4. $\dfrac{1}{2}$

Question ID : **81616113179**

Status : **Answered**

Chosen Option : **1**

Q.15 Price of a one gram gold coin decreased by 10% on its initial price on Monday and increased by 20% on Tuesday and again increased by 8% on Wednesday, and 5% increase on Thursday. If the final price on Thursday is ₹5511.24, then the initial price (in ₹) of one gram gold coin on Monday was?

Ans ✔ 1. 4500

✗ 2. 4250

✗ 3. 4000

✗ 4. 5000

Question ID : **81616113165**

Status : **Not Answered**

Chosen Option : **--**

Q.16 What is the coefficient of x in the expansion of $(3x-4)^3$?

Ans ✗ 1. -144

✗ 2. -108

✗ 3. 108

✓ 4. 144

Question ID : **81616112566**

Status : **Answered**

Chosen Option : **4**

Q.17 In the table, production and sale (in 1000 tonnes) of a certain product of a company over 5 years is given. Study the table and answer the question.

years	Production (in 1000 tonnes)	Sale (in 1000 tonnes)
2015	1250	1000
2016	1400	1290
2017	1450	1100
2018	1500	1450
2019	1600	1390

In which year(s) sale is 80% or more but less than 90% of the production?

Ans ✗ 1. 2015, 2016

✗ 2. 2019

✓ 3. 2015, 2019

✗ 4. 2016, 2018

Question ID : **81616112780**

Status : **Answered**

Chosen Option : **1**

Q.18 In a triangle PQR, points E and F are on sides PQ and PR respectively such that EF is parallel to QR. If PE = 2 cm and EQ = 3 cm, then area($\triangle$PQR) : area($\triangle$PEF) is equal to:

Ans ✗ 1. 3 : 2

✗ 2. 9 : 4

✗ 3. 5 : 2

✓ 4. 25 : 4

Question ID : **81616112571**

Status : **Answered**

Chosen Option : **4**

Q.19 Two circles of radius 15 cm and 37 cm intersect each other at the points A and B. If the length of common chord is 24 cm, what is the distance (in cm) between the centres of the circles?

Ans ✗ 1. 45

✗ 2. 42

✔ 3. 44

✗ 4. 40

Question ID : **81616113983**
Status : **Answered**
Chosen Option : **3**

Q.20 Study the following table and answer the question:

Percentage of marks obtained by six students A, B, C, D, E and F in five subjects.

Subjects / Students	English (Out of 50)	Math (Out of 150)	Science (Out of 80)	Hindi (Out of 75)	Social Studies (Out of 100)
A	70	90	65	64	88
B	84	92	75	68	49
C	66	80	85	80	84
D	62	74	75	88	60
E	54	64	55	72	85
F	72	84	65	60	65

What are the average marks of students B, C, D and F in Math?

Ans ✗ 1. 120.75

✗ 2. 125.5

✗ 3. 82.5

✔ 4. 123.75

Question ID : **81616113788**
Status : **Answered**
Chosen Option : **3**

Q.21 The number $823p2q$ is exactly divisible by 7, 11 and 13. What is the value of $(p - q)$?

Ans ✗ 1. 8

✗ 2. 3

✔ 3. 5

✗ 4. 11

Question ID : **81616113161**
Status : **Answered**
Chosen Option : **3**

Q.22 Table shows District-wise data of number of primary school teachers posted in schools of a city.
Study the table and answer the question.

District	Male teachers	Female teachers
East	1650	2375
North	1075	2651
West	1280	1520
South	1170	1085
Central	690	859

In which district(s) is the number of female teachers Exceed the number of male teachers by more than 500?

Ans   ✗ 1. East and West

   ✔ 2. East and North

   ✗ 3. West and South

   ✗ 4. North and South

Question ID : **81616112778**
Status : **Answered**
Chosen Option : **2**

Q.23 Study the following table and answer the question:
Percentage of marks obtained by six students A, B, C, D, E and F in five subjects.

Subjects / Students	English (Out of 50)	Math (Out of 150)	Science (Out of 80)	Hindi (Out of 75)	Social Studies (Out of 100)
A	70	90	65	64	88
B	84	92	75	68	49
C	66	80	85	80	84
D	62	74	75	88	60
E	54	64	55	72	85
F	72	84	65	60	65

The total marks obtained by student F in English, Science and Hindi is approximately what percent of the total marks obtained by student A in English, Mathematics, Science and Hindi?
(Correct to one decimal place)

Ans   ✔ 1. 49.3

   ✗ 2. 45.5

   ✗ 3. 50.2

   ✗ 4. 48.4

Question ID : **81616113790**
Status : **Not Answered**
Chosen Option : **--**

Q.24 Hari suffered a loss of 8% by selling an article. If he had sold it for ₹300 more, he would have made a profit of 4%. Find his CP (in ₹).

Ans ✗ 1. 2250

✓ 2. 2500

✗ 3. 2575

✗ 4. 2400

Question ID : **81616112560**
Status : **Answered**
Chosen Option : **2**

Q.25 If $x - y = 4$ and $x^3 - y^3 = 316$, $y > 0$ then the value of $x^4 - y^4$ is:

Ans ✗ 1. 2482

✓ 2. 2320

✗ 3. 2500

✗ 4. 2401

Question ID : **81616113274**
Status : **Answered**
Chosen Option : **2**

Section : **English Comprehension**

Q.1 Select the most appropriate meaning of the given idiom.

Through thick and thin

Ans ✗ 1. With ego and pride

✓ 2. Under all conditions

✗ 3. With all kinds of people

✗ 4. With humility

Question ID : **81616113305**
Status : **Answered**
Chosen Option : **2**

Q.2 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. There lived a foolish king in a large kingdom.
B. He thought that it will be a good joke.
C. He did not realise that what he thought of as a joke would cost him heavily.
D. The king once decided to throw all his ministers in prison for a day.

Ans ✗ 1. ABCD

✗ 2. ACBD

✗ 3. DABC

✓ 4. ADBC

Question ID : **81616112592**
Status : **Answered**
Chosen Option : **4**

Q.3 **Select the most appropriate synonym of the given word.**

Spill

Ans   ✔ 1. Drop

      ✘ 2. Absorb

      ✘ 3. Filter

      ✘ 4. Feather

Question ID : **81616114008**
Status : **Marked For Review**
Chosen Option : **1**

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

Lavish

Ans   ✔ 1. Moderate

      ✘ 2. Excessive

      ✘ 3. Grand

      ✘ 4. Generous

Question ID : **81616112596**
Status : **Answered**
Chosen Option : **1**

Q.5 **Select the INCORRECTLY spelt word.**

Ans   ✘ 1. Discourage

      ✘ 2. Disastrous

      ✘ 3. Desperate

      ✔ 4. Dissapoint

Question ID : **81616112602**
Status : **Answered**
Chosen Option : **4**

Q.6 **Select the option that expresses the given sentence in passive voice.**

They didn't repair my phone yesterday.

Ans   ✘ 1. My phone had not been repaired yesterday by them

      ✔ 2. My phone was not repaired yesterday by them.

      ✘ 3. My phone did not get repaired yesterday by them.

      ✘ 4. My phone could not be repaired yesterday by them.

Question ID : **81616113188**
Status : **Answered**
Chosen Option : **2**

Q.7 Select the most appropriate option to fill in the blank.

In addition to understanding the specific issue to be tackled, the sub-committee examined the larger _____ on the problem.

Ans ✗ 1. proportion

✓ 2. perspective

✗ 3. perception

✗ 4. prospective

Question ID : **81616114019**
Status : **Answered**
Chosen Option : **2**

Q.8 Select the most appropriate meaning of the given idiom.

On the horizon

Ans ✗ 1. The successful beginning of a business venture

✗ 2. A plan for the distant future

✗ 3. An event that is likely to end soon

✓ 4. An event that is likely to happen soon

Question ID : **81616113306**
Status : **Answered**
Chosen Option : **4**

Q.9 Select the most appropriate ANTONYM of the given word.

Sabotage

Ans ✗ 1. Damage

✗ 2. Destroy

✓ 3. Create

✗ 4. Cripple

Question ID : **81616113304**
Status : **Answered**
Chosen Option : **3**

Q.10 Select the option that can be used as a one-word substitute for the given group of words.

A group of people, typically with vehicles or animals travelling together

Ans ✗ 1. Cargo

✓ 2. Caravan

✗ 3. Battery

✗ 4. Cache

Question ID : **81616113206**
Status : **Marked For Review**
Chosen Option : **2**

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.

I never miss / a cricket match / as I am fond of cricket / from childhood.

Ans ✘ 1. a cricket match

✘ 2. as I am fond of cricket

✔ 3. from childhood

✘ 4. I never miss

Question ID : **81616113287**

Status : **Marked For Review**

Chosen Option : **3**

Q.12 Select the INCORRECTLY spelt word.

Ans ✘ 1. Unison

✔ 2. Ocassion

✘ 3. Vehemence

✘ 4. Liaison

Question ID : **81616112603**

Status : **Marked For Review**

Chosen Option : **2**

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

A person appointed by two parties to solve a dispute

Ans ✘ 1. Anarchist

✘ 2. Auditor

✘ 3. Atheist

✔ 4. Arbitrator

Question ID : **81616113207**

Status : **Answered**

Chosen Option : **4**

Q.14 Select the most appropriate option to substitute the underlined segment in the given
sentence. If no substitution is required, select 'No substitution'.

The shopkeeper would have fined her if <u>he come to know</u> that she damaged the toy on
exhibit.

Ans ✘ 1. No substitution

✘ 2. he came to knew

✔ 3. he came to know

✘ 4. he comes to knew

Question ID : **81616113999**

Status : **Answered**

Chosen Option : **3**

Q.15 Select the option that expresses the given sentence in reported speech.

The French scientist said, "I want to study how bees and wasps find their way home."

Ans ✗ 1. The French scientist said that he wants to study how bees and wasps found your way home.

✗ 2. The French scientist said that I want to study how bees and wasps found their way home.

✗ 3. The French scientist said that I wanted to study how bees and wasps find their way home.

✓ 4. The French scientist said that he wanted to study how bees and wasps found their way home.

Question ID : **81616113997**
Status : **Answered**
Chosen Option : **4**

Q.16 Select the most appropriate synonym of the given word.

Breakthrough

Ans ✗ 1. Disaster

✗ 2. Accident

✓ 3. Discovery

✗ 4. Coincidence

Question ID : **81616114009**
Status : **Marked For Review**
Chosen Option : **4**

Q.17 Select the most appropriate option to fill in the blank.

Do not _____ him; he has done no harm to you.

Ans ✓ 1. accuse

✗ 2. admire

✗ 3. admit

✗ 4. assure

Question ID : **81616113210**
Status : **Answered**
Chosen Option : **1**

Q.18 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed select 'No improvement required'.

He will lose all his wealth if he <u>doesn't mends</u> his ways.

Ans ✗ 1. don't mends

✗ 2. do not mend

✓ 3. doesn't mend

✗ 4. No improvement required

Question ID : **81616113190**
Status : **Answered**
Chosen Option : **3**

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

One of / the biggest enterprise / in India / is declaring a lockout.

Ans ✗ 1. in India

✗ 2. One of

✗ 3. is declaring a lockout

✓ 4. the biggest enterprise

Question ID : **81616113187**

Status : **Answered**

Chosen Option : **4**

Q.20 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. Sculpture and painting form an integral part of temple architecture.
B. The city is visited by thousands curious to see the temple in the form of a chariot.
C. The finest example of this is Konark Temple in Puri.
D. The chariot with immense wheels and horses is carved from stone.

Ans ✗ 1. BCDA

✗ 2. BCAD

✗ 3. ABCD

✓ 4. ACBD

Question ID : **81616113300**

Status : **Marked For Review**

Chosen Option : **2**

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 blank.

The muskmelon is (1)_____ perfect summer (2)_____. It is (3)_____ in water content which can help (4)_____ care of our (5)_____ fluid loss that we suffer in the hot season.

SubQuestion No : 21

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

Ans ✗ 1. few

✓ 2. a

✗ 3. much

✗ 4. an

Question ID : **81616112587**

Status : **Answered**

Chosen Option : **2**

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 blank.

The muskmelon is (1)_____ perfect summer (2)_____. It is (3)_____ in water content which can help (4)_____ care of our (5)_____ fluid loss that we suffer in the hot season.

SubQuestion No : 22

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

Ans ✗ 1. disaster

✗ 2. enemy

✗ 3. hazard

✔ 4. companion

Question ID : **81616112588**
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 blank.

The muskmelon is (1)_____ perfect summer (2)_____. It is (3)_____ in water content which can help (4)_____ care of our (5)_____ fluid loss that we suffer in the hot season.

SubQuestion No : 23

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

Ans ✔ 1. rich

✗ 2. wide

✗ 3. poor

✗ 4. lengthy

Question ID : **81616112589**
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 blank.

The muskmelon is (1)_____ perfect summer (2)_____. It is (3)_____ in water content which can help (4)_____ care of our (5)_____ fluid loss that we suffer in the hot season.

SubQuestion No : 24

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

Ans ✗ 1. like

✔ 2. take

✗ 3. look

✗ 4. took

Question ID : **81616112590**
Status : **Answered**
Chosen Option : **2**

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 blank.

The muskmelon is (1)_____ perfect summer (2)_____. It is (3)_____ in water content which can help (4)_____ care of our (5)_____ fluid loss that we suffer in the hot season.

SubQuestion No : 25

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

Ans ✗ 1. heart's

✔ 2. body's

✗ 3. health's

✗ 4. mind's

Question ID : **81616112591**
Status : **Answered**
Chosen Option : **2**

Combined Graduate Level Examination 2020 Tier-I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	23/08/2021
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Graduate Level Examination 2020 Tier 1

Section : **General Intelligence and Reasoning**

Q.1 Two numbers A and B are such that the sum of 3% of A and 6% of B is four-fifths of the sum of 4% of A and 6% of B. Find the ratio of A + B and A − B.

Ans ✗ 1. 6 : 5

✓ 2. 7 : 5

✗ 3. 5 : 6

✗ 4. 4 : 5

Question ID : **81616113633**
Status : **Answered**
Chosen Option : **2**

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

Toothpaste : Teeth :: Broom : ?

Ans ✗ 1. Wash

✗ 2. Garbage

✓ 3. Floor

✗ 4. Clean

Question ID : **81616112913**
Status : **Answered**
Chosen Option : **3**

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.
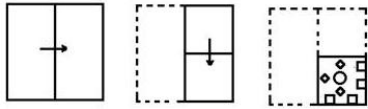
Question ID : **81616113639**
Status : **Answered**
Chosen Option : **2**

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

PND, QKI, RHN, SES, ?

Ans ✗ 1. SCX

✗ 2. TXB

✔ 3. TBX

✗ 4. SXC

Question ID : **81616113616**
Status : **Answered**
Chosen Option : **3**

Q.5 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. LNJP

✔ 2. GIEY

✗ 3. PRNT

✗ 4. FHDJ

Question ID : **81616112911**
Status : **Answered**
Chosen Option : **2**

Q.6 In a certain code language, 'PAWAN' is written as 'SCZCQ' and 'SOHAM' is written as 'VQKCP'. How will 'KIRAN' be written in that language?

Ans ✗ 1. MJUCQ

✗ 2. MJVQR

✗ 3. NLVDQ

✓ 4. NKUCQ

Question ID : **81616112309**

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.

11, 13, 19, 49, 109, 239, ?

Ans ✓ 1. 449

✗ 2. 494

✗ 3. 394

✗ 4. 349

Question ID : **81616112920**

Status : **Not Answered**

Chosen Option : **--**

Q.8 Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the equation.

25 * 7 * 40 * 20 * 4 * 210

Ans ✓ 1. ×, +, −, ÷, =

✗ 2. ×, −, +, ÷, =

✗ 3. −, +, =, ÷, ×

✗ 4. +, −, =, ÷, ×

Question ID : **81616113329**

Status : **Answered**

Chosen Option : **1**

Q.9 Select the cubes that can be formed by folding the given sheet along the lines.
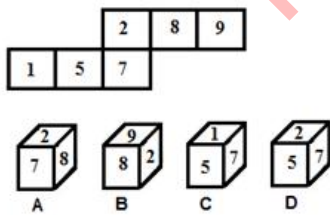
Ans ✗ 1. Only A, C and D

✓ 2. Only A and D

✗ 3. Only B, C and D

✗ 4. Only B and C

Question ID : **81616113333**

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.
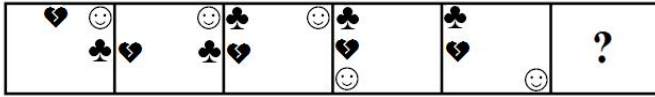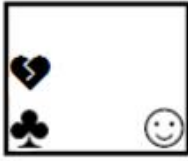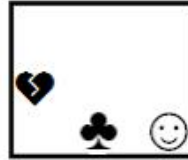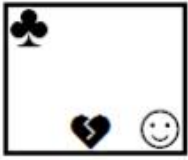
Question ID : **81616112927**

Status : **Not Answered**

Chosen Option : **--**

Q.11 Find the number of triangles in the given figure.

Ans

✓ 1. 15

✗ 2. 13

✗ 3. 17

✗ 4. 19
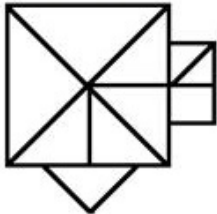
Question ID : **81616113332**

Status : **Answered**

Chosen Option : **1**

Q.12 Select the option in which the numbers are NOT related in the same way as are the numbers of the following set.

(63, 76, 46)

Ans ✗ 1. (83, 96, 66)

✗ 2. (72, 85, 55)

✔ 3. (69, 84, 52)

✗ 4. (45, 58, 28)

Question ID : **81616112317**

Status : **Answered**

Chosen Option : **3**

Q.13 In the given diagram, the circle represents 'teachers', the triangle represents 'dancers' and the rectangle represents 'writers'. Study the given diagram carefully and answer the question that follows.
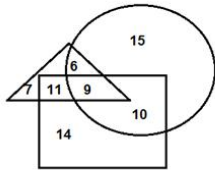
What is the number of teachers who are writers, but NOT dancers?

Ans ✗ 1. 11

✔ 2. 10

✗ 3. 9

✗ 4. 15

Question ID : **81616112327**

Status : **Answered**

Chosen Option : **2**

Q.14 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Sensational
2. Sensitize
3. Sentiment
4. September
5. Sentence

Ans ✗ 1. 5, 3, 2, 1, 4

✔ 2. 1, 2, 5, 3, 4

✗ 3. 5, 1, 2, 4, 3

✗ 4. 2, 1, 5, 3, 4

Question ID : **81616112910**

Status : **Answered**

Chosen Option : **2**

Q.15 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

G_CT_GP_T_GPC_D_PC_D

Ans ✗ 1. P, D, D, C, G, T, T

✓ 2. P, D, C, D, T, G, T

✗ 3. P, T, T, D, D, C, G

✗ 4. P, C, T, D, G, T, D

Question ID : 81616113624
Status : **Not Answered**
Chosen Option : --

Q.16 Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different.

Ans ✗ 1. Lusaka

✗ 2. Manama

✓ 3. Taka

✗ 4. Harare

Question ID : 81616113316
Status : **Answered**
Chosen Option : 3

Q.17 Read the given information carefully and answer the question that follows.
'K $ D' means 'K is the father of D'.
'K < D' means 'K is the wife of D'.
'K > D' means 'K is the daughter of D'.
'K @ D' means 'K is the son of D'.

How is S related to N in the expression 'H > R $ S@T > N'?

Ans ✗ 1. Nephew

✗ 2. Son-in-law

✓ 3. Grandson

✗ 4. Son

Question ID : 81616113625
Status : **Answered**
Chosen Option : 3

Q.18 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 teachers are doctors.
Some professors are doctors.
All professors are engineers.

Conclusions:
I. All professors are doctors.
II. Some doctors are engineers.
III. Some teachers are engineers.
IV. Some teachers are professors.

Ans ✗ 1. Only conclusions I, II and IV follow

✗ 2. Only conclusions II, III and IV follow

✗ 3. All conclusions I, II, III and IV follow

✓ 4. Only conclusion II follows

Question ID : 81616112313
Status : **Answered**
Chosen Option : 4

Q.19 Select the option figure in which the given figure is embedded (rotation is NOT allowed).

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.
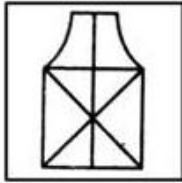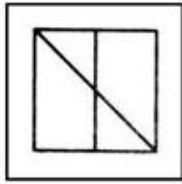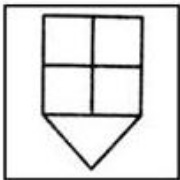
Question ID : **81616113637**
Status : **Answered**
Chosen Option : **1**

Q.20 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(4, 282, 5)

Ans ✔ 1. (7, 152, 3)

✘ 2. (5, 25, 1)

✘ 3. (3, 405, 6)

✘ 4. (2, 84, 4)

Question ID : **81616113328**
Status : **Not Answered**
Chosen Option : **--**

Q.21 Select the option in which the words share the same relationship as that shared by the given pair of words.

Help : Hinder

Ans ✘ 1. Insipid : Plain

✔ 2. Indigent : Rich

✘ 3. Impulsive : Hasty

✘ 4. Lenient : Forgiving

Question ID : **81616113621**
Status : **Answered**
Chosen Option : **2**

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.

39 : 91 : : 51 : ?

Ans ✓ 1. 119

✗ 2. 93

✗ 3. 178

✗ 4. 125

Question ID : 81616112315

Status : **Answered**

Chosen Option : **1**

Q.23 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

PROFESSION P
Q

Ans ✗ 1. PROFESSION

✗ 2. PROFESSION

✗ 3. PROFISON

✓ 4. PROFESSION

Question ID : 81616113638

Status : **Answered**

Chosen Option : **4**

Q.24 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different.

Ans ✗ 1. 19 : 68

✗ 2. 17 : 60

✓ 3. 13 : 90

✗ 4. 23 : 84

Question ID : 81616113326

Status : **Not Answered**

Chosen Option : **--**

Q.25 In a certain code language, 'LOWER' is coded as '186' and 'MULISH' is coded as '320'. How will 'OPTIONAL' be coded in that language?

Ans ✗ 1. 546

✗ 2. 564

✗ 3. 465

✓ 4. 456

Question ID : 81616113320

Status : **Not Answered**

Chosen Option : **--**

Section : **General Awareness**

Q.1 Mukhyamantri Bagayat Vikas Mission (Horticulture Development Mission) scheme was launched by which of the following state governments in January 2021?

Ans ✔ 1. Gujarat

✖ 2. Maharashtra

✖ 3. Uttar Pradesh

✖ 4. Bihar

Question ID : **81616112956**
Status : **Not Answered**
Chosen Option : **--**

Q.2 The area served by a canal system through supply of water for irrigation and other purposes is called a _____.

Ans ✔ 1. command area

✖ 2. net sown area

✖ 3. net irrigated area

✖ 4. gross irrigated area

Question ID : **81616113347**
Status : **Answered**
Chosen Option : **4**

Q.3 When a river originates from a hill and flows in all directions, the drainage pattern is known as _____.

Ans ✖ 1. centripetal

✖ 2. trellis

✖ 3. dendritic

✔ 4. radial

Question ID : **81616113651**
Status : **Answered**
Chosen Option : **2**

Q.4 At which of the following places was the 'Street Theatre and Performing Arts Fellowship' scheme launched in January 2021 to give artists an opportunity to showcase their craft?

Ans ✖ 1. Haryana

✖ 2. Goa

✔ 3. Delhi

✖ 4. Chandigarh

Question ID : **81616113339**
Status : **Answered**
Chosen Option : **2**

Q.5 Which of the following liquids has the highest pH?

Ans ✖ 1. Human blood

✔ 2. Milk of magnesia

✖ 3. Lemon juice

✖ 4. Orange juice

Question ID : **81616113649**
Status : **Answered**
Chosen Option : **2**

Q.6 Which of the following books is authored by Dalai Lama and launched by him in February 2021?

Ans ✔ 1. The Little Book of Encouragement

✗ 2. A Little Book of Courage

✗ 3. The Little Book of Hope

✗ 4. Connecting, Communicating, Changing

Question ID : **81616112950**
Status : **Answered**
Chosen Option : **3**

Q.7 In which of the following years was the micro-credit scheme 'Street Vendor's AtmaNirbhar Nidhi' ('PM SVANidhi') launched?

Ans ✗ 1. 2017

✔ 2. 2020

✗ 3. 2014

✗ 4. 2015

Question ID : **81616113341**
Status : **Not Answered**
Chosen Option : **--**

Q.8 What do you call the property of an organism of self-regulation and the tendency to maintain a steady state within an external environment which is liable to change?

Ans ✗ 1. Irritability

✗ 2. Consciousness

✔ 3. Homeostasis

✗ 4. Metabolism

Question ID : **81616112335**
Status : **Answered**
Chosen Option : **3**

Q.9 _____ boundaries occur when plates collide and one plate is pushed under the other.

Ans ✔ 1. Convergent

✗ 2. Transform

✗ 3. Continental

✗ 4. Divergent

Question ID : **81616112945**
Status : **Answered**
Chosen Option : **3**

Q.10 Muhammad Ghori attacked Tabarhinda (Bhatinda) in 1191, a strategic point for _____.

Ans ✗ 1. Maharana Pratap Singh

✗ 2. Hem Chandra Vikramaditya

✔ 3. Prithviraj Chauhan

✗ 4. Rana Kumbha

Question ID : **81616112343**
Status : **Answered**
Chosen Option : **3**

Q.11 Which Schedule of the Indian Constitution demarcates the powers of the Union and the States, that is Union List, State List and Concurrent List?

Ans ✗ 1. Fourth Schedule

✗ 2. First Schedule

✓ 3. Seventh Schedule

✗ 4. Third Schedule

Question ID : **81616113660**

Status : **Answered**

Chosen Option : **3**

Q.12 G20 Leaders' Summit 2020 was held virtually on 20th and 21st November 2020 and was presided by_____.

Ans ✗ 1. India

✗ 2. Iran

✓ 3. Saudi Arabia

✗ 4. Pakistan

Question ID : **81616113664**

Status : **Answered**

Chosen Option : **3**

Q.13 Which of the following plant hormones regulates growth, particularly by stimulating cell elongation in stems?

Ans ✓ 1. Auxin

✗ 2. Ethylene

✗ 3. Cytokinin

✗ 4. Gibberellin

Question ID : **81616113344**

Status : **Not Answered**

Chosen Option : **--**

Q.14 Which book written by Douglas Stuart won him the Booker Prize 2020?

Ans ✓ 1. Shuggie Bain

✗ 2. The Testaments

✗ 3. Hamnet

✗ 4. The White Tiger

Question ID : **81616113658**

Status : **Answered**

Chosen Option : **1**

Q.15 According to Ashokan edicts, how many years after becoming the king did Ashoka wage war on Kalinga?

Ans ✗ 1. Five

✓ 2. Eight

✗ 3. Six

✗ 4. Seven

Question ID : **81616113655**

Status : **Not Answered**

Chosen Option : **--**

Q.16 The Indian Forest Act 1927 was enacted after repealing which of the following Indian forest acts?

Ans   ✗ 1. Indian Forest Act, 1882

       ✗ 2. Indian Forest Act, 1922

       ✗ 3. Indian Forest Act, 1865

       ✓ 4. Indian Forest Act, 1878

Question ID : **81616113351**
Status : **Not Answered**
Chosen Option : **--**

Q.17 Where is the headquarters of the Badminton World Federation located?

Ans   ✓ 1. Malaysia

       ✗ 2. Japan

       ✗ 3. Singapore

       ✗ 4. Switzerland

Question ID : **81616112954**
Status : **Answered**
Chosen Option : **1**

Q.18 Henry Moniz has been appointed as the first-ever Chief Compliance Officer of which of the following tech giants in January 2021?

Ans   ✗ 1. Twitter Inc.

       ✓ 2. Facebook Inc.

       ✗ 3. Google LLC

       ✗ 4. Apple Inc.

Question ID : **81616112958**
Status : **Answered**
Chosen Option : **1**

Q.19 One of the major events of Ashoka's reign was the convening of the _____ Buddhist Sangha (council) in 250 BCE in the capital Pataliputra.

Ans   ✗ 1. First

       ✗ 2. Fourth

       ✓ 3. Third

       ✗ 4. Second

Question ID : **81616112340**
Status : **Answered**
Chosen Option : **3**

Q.20 Who among the following was the first Indian badminton player to qualify for two events - mixed doubles and women's doubles - in the Olympics?

Ans   ✗ 1. PV Sindhu

       ✗ 2. Saina Nehwal

       ✓ 3. Jwala Gutta

       ✗ 4. Ashwini Ponnappa

Question ID : **81616112349**
Status : **Answered**
Chosen Option : **2**

Q.21 Which of the following organizations releases the Global Innovation Index?

Ans ✗ 1. WEF

✔ 2. INSEAD, Cornell University, WIPO

✗ 3. UNDP

✗ 4. WTO

Question ID : **81616113643**

Status : **Not Answered**

Chosen Option : **--**

Q.22 'Panche' is a traditional sarong worn by the men in the state of _____.

Ans ✗ 1. Kerala

✔ 2. Karnataka

✗ 3. Assam

✗ 4. Sikkim

Question ID : **81616112328**

Status : **Answered**

Chosen Option : **3**

Q.23 In medicine, _____ is a device such as a small metal plate or needle that carries electricity from an instrument to a patient for treatment or surgery.

Ans ✗ 1. a venturimeter

✔ 2. an electrode

✗ 3. a machmeter

✗ 4. an electrolyte

Question ID : **81616112939**

Status : **Not Answered**

Chosen Option : **--**

Q.24 All the non-zero vectors are called _____.

Ans ✗ 1. coplanar vectors

✔ 2. proper vectors

✗ 3. co-initial vectors

✗ 4. equal vectors

Question ID : **81616112332**

Status : **Answered**

Chosen Option : **2**

Q.25 According to which of the following Articles of the Constitution of India shall a Money Bill not be introduced in a Legislative Council?

Ans ✗ 1. Article 333

✔ 2. Article 198

✗ 3. Article 451

✗ 4. Article 189

Question ID : **81616113356**

Status : **Not Answered**

Chosen Option : **--**

Section : **Quantitative Aptitude**

Q.1   A sum of ₹25600 is invested on simple interest partly at 7% per annum and the remaining at 9% per annum. The total interest at the end of 3 years is ₹5832. How much money (in ₹) was invested at 9% per annum?

Ans   ✗ 1. 18000

     ✓ 2. 7600

     ✗ 3. 9600

     ✗ 4. 16000

> Question ID : **81616113370**
> Status : **Answered**
> Chosen Option : **2**

Q.2   Study the following table and answer the question:

Percentage of marks obtained by six students in five subjects A, B, C, D & E.

Subjects / Students	A (Out of 75)	B (Out of 80)	C (Out of 100)	D (Out of 50)	E (Out of 150)
Manju	68	85	86	72	92
Amit	64	65	80	96	80
Rekha	88	75	65	74	90
Anuj	80	55	68	66	84
Abhi	72	65	72	54	74
Vikram	60	70	73	84	86

The average marks of Manju, Rekha and Abhi in subject B are?

Ans   ✗ 1. 54

     ✓ 2. 60

     ✗ 3. 56

     ✗ 4. 62

> Question ID : **81616113889**
> Status : **Answered**
> Chosen Option : **2**

Q.3   Radha saves x % of her income. If her income increases by 28% and the expenditure increases by 20%, then her savings increase by 40%. What is the value of x ?

Ans   ✗ 1. 35

     ✓ 2. 40

     ✗ 3. 50

     ✗ 4. 25

> Question ID : **81616113367**
> Status : **Not Answered**
> Chosen Option : **--**

Q.4 Study the following table and answer the question:

Percentage of marks obtained by six students in five subjects A, B, C, D & E.

Subjects / Students	A (Out of 75)	B (Out of 80)	C (Out of 100)	D (Out of 50)	E (Out of 150)
Manju	68	85	86	72	92
Amit	64	65	80	96	80
Rekha	88	75	65	74	90
Anuj	80	55	68	66	84
Abhi	72	65	72	54	74
Vikram	60	70	73	84	86

Total marks obtained by Amit, Abhi and Anuj in subject E is what percent more than the total marks obtained by all the six students in subject B? (correct to one decimal place)

Ans ✗ 1. 8.4

✗ 2. 7.2

✔ 3. 7.5

✗ 4. 8.5

Question ID : **81616113891**
Status : **Answered**
Chosen Option : **2**

Q.5 If $8 + 2px^2 - 36x - 27x^3 = (2 - 3x)^3$, then what is the value of p?

Ans ✔ 1. 27

✗ 2. 54

✗ 3. 9

✗ 4. -27

Question ID : **81616112365**
Status : **Answered**
Chosen Option : **1**

Q.6 Pipes A and B can fill a tank in 12 hours and 16 hours respectively and pipe C can empty the full tank in 24 hours. All three pipes are opened together, but after 4 hours pipe B is closed. In how many hours, the empty tank will be completely filled?

Ans ✔ 1. 18

✗ 2. 32

✗ 3. 28

✗ 4. 14

Question ID : **81616113371**
Status : **Answered**
Chosen Option : **4**

Q.7 Fourth proportion to 12, 18, 6 is equal to the third proportion to 4, k. What is the value of k?

Ans ✔ 1. 6

✗ 2. $4\sqrt{3}$

✗ 3. 6.5

✗ 4. 4

Question ID : **81616112359**
Status : **Answered**
Chosen Option : **1**

Q.8 If $sin^2\theta - cos^2\theta - 3sin\theta + 2 = 0$, $0° < \theta < 90°$, then what is the value of $\frac{1}{\sqrt{sec\theta - tan\theta}}$ is:

Ans

✔ 1. $\sqrt[4]{3}$

✘ 2. $\sqrt[2]{2}$

✘ 3. $\sqrt[2]{3}$

✘ 4. $\sqrt[4]{2}$

Question ID : **81616113381**

Status : **Answered**

Chosen Option : **1**

Q.9 Table shows the number of trees planted in 4 cities from 2016 to 2020.

Years	Chandigarh	Ahmadabad	Pune	Kolkata
2016	1800	2500	1800	2000
2017	2500	2300	1850	1800
2018	2300	2400	1840	1760
2019	2440	1950	1900	1600
2020	2250	2100	2000	1750

In which city were maximum trees planted in 2016 and 2019 taken together?

Ans

✘ 1. Chandigarh

✔ 2. Ahmedabad

✘ 3. Pune

✘ 4. Kolkata

Question ID : **81616112274**

Status : **Answered**

Chosen Option : **2**

Q.10 In festival season, a shopkeeper allows a discount of 10% on every item. Even after giving the discount, he makes a profit of 20%. If he does not give any discount, then what will be his profit percent? (correct to 2 decimal places)

Ans

✘ 1. 33

✘ 2. 25

✔ 3. 33.33

✘ 4. 33.43

Question ID : **81616112356**

Status : **Answered**

Chosen Option : **3**

Q.11 If the 5 - digit number $593ab$ is divisible by 3, 7 and 11, then what is the value of $(a^2 - b^2 + ab)$?

Ans

✗ 1. 35

✗ 2. 31

✗ 3. 25

✔ 4. 29

Question ID : **81616113363**

Status : **Answered**

Chosen Option : **4**

Q.12 In △ ABC, ∠ A = 50°. If the bisectors of the angle B and angle C, meet at a point O, then ∠ BOC is equal to:

Ans

✗ 1. $130°$

✗ 2. $65°$

✗ 3. $50°$

✔ 4. $115°$

Question ID : **81616113683**

Status : **Answered**

Chosen Option : **4**

Q.13 Find the value of $\dfrac{\tan^2 30°}{\sec^2 30°} + \dfrac{\operatorname{cosec}^2 45°}{\cot^2 45°} - \dfrac{\sec^2 60°}{\operatorname{cosec}^2 60°}$.

Ans

✔ 1. $-\dfrac{3}{4}$

✗ 2. $\dfrac{5}{4}$

✗ 3. $\dfrac{13}{4}$

✗ 4. $\dfrac{23}{12}$

Question ID : **81616112978**

Status : **Answered**

Chosen Option : **1**

Q.14 In an examination, the average score of a student was 67.6. If he would have got 27 more marks in Mathematics, 10 more marks in Computer Science, 18 more marks in History and retained the same marks in other subjects, then his average score would have been 72.6. How may papers were there in the examination?

Ans

✔ 1. 11

✗ 2. 10

✗ 3. 12

✗ 4. 9

Question ID : **81616113668**

Status : **Not Answered**

Chosen Option : **--**

Q.15 If $2x^2 - 7x + 5 = 0$, then what is the value of $x^3 + \frac{125}{8x^3}$?

Ans

✗ 1. $12\frac{5}{8}$

✓ 2. $16\frac{5}{8}$

✗ 3. $10\frac{5}{8}$

✗ 4. $18\frac{5}{8}$

Question ID : **81616113376**
Status : **Answered**
Chosen Option : **2**

Q.16 Simplify the following expression:

$7 \times 4 \div 21$ of $4 - 5 \div 4 \times (9 - 13) + 2 - 2 \div 8$

Ans

✓ 1. $7\frac{1}{12}$

✗ 2. $5\frac{1}{3}$

✗ 3. $12\frac{1}{2}$

✗ 4. $5\frac{1}{16}$

Question ID : **81616112960**
Status : **Answered**
Chosen Option : **1**

Q.17 In triangle ABC, AD is the bisector of $\angle A$. If AB = 5 cm, AC = 7.5 cm and BC = 10 cm, then what is the distance of D from the mid-point of BC (in cm)?

Ans

✗ 1. 2

✗ 2. 1.5

✗ 3. 2.2

✓ 4. 1

Question ID : **81616112975**
Status : **Answered**
Chosen Option : **4**

Q.18 A fruit merchant bought some bananas. One fifth of them got rotten and were thrown away. He sold two fifth of the bananas with him at 15% profit and the remaining bananas at 10% profit. Find his overall loss or profit percent?

Ans

✗ 1. Profit, 9.6%

✓ 2. Loss, 10.4%

✗ 3. Loss, 9.6%

✗ 4. Profit, 10.4%

Question ID : **81616112964**
Status : **Answered**
Chosen Option : **2**

Q.19 Vertices A, B, C and D of a quadrilateral $ABCD$ lie on a circle. $\angle A$ is three times $\angle C$ and $\angle D$ is two times $\angle B$. What is the difference between the measures of $\angle D$ and $\angle C$?

Ans ✗ 1. $55°$

✗ 2. $65°$

✔ 3. $75°$

✗ 4. $45°$

Question ID : **81616113680**
Status : **Not Answered**
Chosen Option : **--**

Q.20 Table shows income (in Rs) received by 4 employees of a company during the month of December 2020 and the income sources.

Source	Amit	Suresh	Nitin	Varun
Salary	35000	38500	29000	42000
Arrears	6000	6300	5000	7500
Bonus	1000	1100	1000	1240
Overtime	1800	1950	1400	1500

Whose income from all sources except salary is more than 25% of his salary?

Ans ✔ 1. Amit and Nitin

✗ 2. Varun

✗ 3. Amit

✗ 4. None

Question ID : **81616112276**
Status : **Not Answered**
Chosen Option : **--**

Q.21 The area of a square shaped field is $1764\ m^2$. The breadth of a rectangular park is $\frac{1}{6}th$ of the side of the square field and the length is four times its breadth. What is the cost (in ₹) of levelling the park at ₹30 per m^2?

Ans ✔ 1. 5880

✗ 2. 4768

✗ 3. 2940

✗ 4. 6342

Question ID : **81616113676**
Status : **Not Answered**
Chosen Option : **--**

Q.22 A circle is inscribed in a quadrilateral ABCD, touching sides AB, BC CD and DA at P, Q, R and S, respectively. If AS = 6 cm, BC = 12 cm, and CR = 5 cm, then the length of AB (in cm) is:

Ans ✔ 1. 13

✗ 2. 11

✗ 3. 15

✗ 4. 12

Question ID : **81616113378**
Status : **Answered**
Chosen Option : **1**

Q.23 If x is a real quantity, what is the minimum value of $(25 \cos^2 x + 9 \sec^2 x)$?

Ans ✔ 1. 30

✗ 2. 20

✗ 3. 15

✗ 4. 40

Question ID : **81616113685**
Status : **Answered**
Chosen Option : **1**

Q.24 If $x + \dfrac{1}{x} = \dfrac{17}{4}$, $x > 1$, then what is the value of $x - \dfrac{1}{x}$?

Ans ✗ 1. $\dfrac{9}{4}$

✗ 2. $\dfrac{3}{2}$

✗ 3. $\dfrac{8}{3}$

✔ 4. $\dfrac{15}{4}$

Question ID : **81616112970**
Status : **Answered**
Chosen Option : **4**

Q.25 A boat covers a round trip journey between two points A and B in a river in T hours. If its speed in still water becomes 2 times, it would take $\dfrac{80}{161} T$ hours for the same journey. Find the ratio of its speed in still water to the speed of the river.

Ans ✔ 1. 11 : 1

✗ 2. 161 : 40

✗ 3. 1 : 11

✗ 4. 2 : 1

Question ID : **81616112362**
Status : **Not Answered**
Chosen Option : **--**

Section : **English Comprehension**

Q.1 Select the most appropriate synonym of the given word.

Absolve

Ans ✗ 1. Attack

✔ 2. Pardon

✗ 3. Accuse

✗ 4. Condemn

Question ID : **81616113706**
Status : **Answered**
Chosen Option : **2**

Q.2 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. Information Communication Technology tools have brought in additional changes along with means of communication.
B. These changes have enabled man to communicate faster.
C. Communication has not only become faster but easier too.
D. The result is a more relaxed life than ever before.

Ans ✗ 1. ABDC

✗ 2. CDBA

✗ 3. DBCA

✓ 4. ABCD

Question ID : **81616112996**
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.

The state of being subject to death

Ans ✗ 1. Deadly

✗ 2. Immortality

✓ 3. Mortality

✗ 4. Morbidity

Question ID : **81616113409**
Status : **Answered**
Chosen Option : **4**

Q.4 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 army / marched fearless / towards / the enemy cantonment.

Ans ✓ 1. marched fearless

✗ 2. the enemy cantonment

✗ 3. The army

✗ 4. towards

Question ID : **81616112378**
Status : **Answered**
Chosen Option : **1**

Q.5 Select the most appropriate meaning of the given idiom.

On cloud nine

Ans ✓ 1. Extremely happy

✗ 2. Flying with a parachute

✗ 3. Frequently flying by air

✗ 4. Extremely sad

Question ID : **81616112396**
Status : **Answered**
Chosen Option : **1**

Q.6 Select the INCORRECTLY spelt word.

Ans ✗ 1. Concrete

✗ 2. Secrete

✔ 3. Petete

✗ 4. Elite

Question ID : **81616113006**
Status : **Not Answered**
Chosen Option : **--**

Q.7 Select the option that expresses the given sentence in passive voice.

He gave Kaveri a beautiful yellow dress.

Ans ✗ 1. Kaveri has given a beautiful yellow dress by him.

✔ 2. Kaveri was given a beautiful yellow dress by him.

✗ 3. Kaveri has been given a beautiful yellow dress by him.

✗ 4. Kaveri is given a beautiful yellow dress by him.

Question ID : **81616113390**
Status : **Answered**
Chosen Option : **2**

Q.8 Select the most appropriate option to fill in the blank.

The government has hardened its _____ against the agitators and imposed a curfew in the area.

Ans ✔ 1. stance

✗ 2. orientation

✗ 3. bearing

✗ 4. manner

Question ID : **81616113412**
Status : **Answered**
Chosen Option : **1**

Q.9 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

What were the examples that the writer gave to proved his point?

Ans ✗ 1. give for proving his point

✗ 2. No substitution

✗ 3. given to prove his point

✔ 4. gave to prove his point

Question ID : **81616113696**
Status : **Answered**
Chosen Option : **4**

Q.10 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

If you are not able to go out, <u>did not worry</u>.

Ans   ✗ 1. worrying not

✗ 2. No substitution

✗ 3. don't worried

✓ 4. do not worry

Question ID : **81616113392**
Status : **Answered**
Chosen Option : **4**

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

The counter clerk asked the visitor, "What is your name?"

Ans   ✗ 1. The counter clerk asks the visitor your name.

✓ 2. The counter clerk asked the visitor his name.

✗ 3. The counter clerk is asking the visitor your name.

✗ 4. The counter clerk has asked the visitor his name.

Question ID : **81616113694**
Status : **Answered**
Chosen Option : **2**

Q.12 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. Inspector: "Were you sleeping when the robbers entered the bank?"
B. Guard: "The iron grill lock was broken and the bank looked ransacked but the robbers could not take away anything as I had returned quickly."
C. Inspector: "What did you see when you came back?"
D. Guard: "No Sir. The bank had closed and I had just gone to relieve myself."

Ans   ✗ 1. BADC

✗ 2. ABCD

✗ 3. CDAB

✓ 4. ADCB

Question ID : **81616112391**
Status : **Answered**
Chosen Option : **4**

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.

Several prominent film stars / have appeared on television / on behalf of awareness / about hand hygiene.

Ans   ✗ 1. have appeared on television

✗ 2. about hand hygiene

✗ 3. Several prominent film stars

✓ 4. on behalf of awareness

Question ID : **81616113389**
Status : **Answered**
Chosen Option : **2**

Q.14 Select the most appropriate option to fill in the blank.

We are bewildered by the power which science has suddenly placed in our laps, and we are _____ by the realisation of our unpreparedness to deal with a crisis.

Ans ✗ 1. condemned

✔ 2. humbled

✗ 3. proud

✗ 4. demeaned

Question ID : **81616113716**
Status : **Answered**
Chosen Option : **4**

Q.15 Select the most appropriate ANTONYM of the given word.

Harmony

Ans ✗ 1. Friendship

✗ 2. Peace

✗ 3. Rapport

✔ 4. Hatred

Question ID : **81616112395**
Status : **Answered**
Chosen Option : **4**

Q.16 Select the most appropriate synonym of the given word.

Banner

Ans ✗ 1. Protest

✗ 2. Rally

✗ 3. March

✔ 4. Poster

Question ID : **81616113705**
Status : **Answered**
Chosen Option : **4**

Q.17 Select the option that can be used as a one-word substitute for the given group of words.

A musical composition made up of a series of songs or short pieces

Ans ✔ 1. Medley

✗ 2. Orchestra

✗ 3. Lyric

✗ 4. Band

Question ID : **81616113408**
Status : **Answered**
Chosen Option : **3**

Q.18 Select the most appropriate meaning of the given idiom.

Draw the line at something

Ans ✗ 1. Agreeing to an idea

✔ 2. Accept something up to a particular point

✗ 3. Coming to a conclusion

✗ 4. Making pencil sketches

Question ID : **81616112397**

Status : **Not Answered**

Chosen Option : **--**

Q.19 Select the INCORRECTLY spelt word.

Ans ✗ 1. Refurbish

✗ 2. Sanctity

✔ 3. Esscalator

✗ 4. Automated

Question ID : **81616113007**

Status : **Answered**

Chosen Option : **3**

Q.20 Select the most appropriate ANTONYM of the given word.

Fecund

Ans ✗ 1. Genial

✔ 2. Barren

✗ 3. Polite

✗ 4. Rude

Question ID : **81616113000**

Status : **Answered**

Chosen Option : **2**

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 blank.

Almost everyone in the present world is familiar with the term 'Global Warming'. It (1)_____ to the gradual rise in the overall temperature of the atmosphere (2)_____ the planet Earth. It is true that there are (3)_____ activities taking place which have been increasing the temperature (4)_____. The first impact of global warming is melting of (5)_____ in a rapid way. This is extremely harmful to the earth as well as to its inhabitants.

SubQuestion No : 21

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

Ans ✗ 1. means

✔ 2. refers

✗ 3. seems

✗ 4. connects

Question ID : **81616112991**

Status : **Answered**

Chosen Option : **2**

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 blank.

Almost everyone in the present world is familiar with the term 'Global Warming'. It (1)_____ to the gradual rise in the overall temperature of the atmosphere (2)_____ the planet Earth. It is true that there are (3)_____ activities taking place which have been increasing the temperature (4)_____. The first impact of global warming is melting of (5)_____ in a rapid way. This is extremely harmful to the earth as well as to its inhabitants.

SubQuestion No : 22

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

Ans ✗ 1. on

✗ 2. in

✔ 3. of

✗ 4. at

Question ID : **81616112992**
Status : **Answered**
Chosen Option : **2**

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 blank.

Almost everyone in the present world is familiar with the term 'Global Warming'. It (1)_____ to the gradual rise in the overall temperature of the atmosphere (2)_____ the planet Earth. It is true that there are (3)_____ activities taking place which have been increasing the temperature (4)_____. The first impact of global warming is melting of (5)_____ in a rapid way. This is extremely harmful to the earth as well as to its inhabitants.

SubQuestion No : 23

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

Ans ✗ 1. useful

✔ 2. several

✗ 3. sudden

✗ 4. separate

Question ID : **81616112993**
Status : **Answered**
Chosen Option : **2**

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 blank.

Almost everyone in the present world is familiar with the term 'Global Warming'. It (1)_____ to the gradual rise in the overall temperature of the atmosphere (2)_____ the planet Earth. It is true that there are (3)_____ activities taking place which have been increasing the temperature (4)_____. The first impact of global warming is melting of (5)_____ in a rapid way. This is extremely harmful to the earth as well as to its inhabitants.

SubQuestion No : 24

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

Ans ✔ 1. gradually

✗ 2. properly

✗ 3. purposely

✗ 4. frequently

Question ID : **81616112994**
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 blank.

Almost everyone in the present world is familiar with the term 'Global Warming'. It (1)_____ to the gradual rise in the overall temperature of the atmosphere (2)_____ the planet Earth. It is true that there are (3)_____ activities taking place which have been increasing the temperature (4)_____. The first impact of global warming is melting of (5)_____ in a rapid way. This is extremely harmful to the earth as well as to its inhabitants.

SubQuestion No : 25

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

Ans ✔ 1. glaciers

✘ 2. rivers

✘ 3. lakes

✘ 4. mountains

Question ID : **81616112995**
Status : **Answered**
Chosen Option : **1**

Combined Graduate Level Examination 2020 Tier-I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	23/08/2021
Exam Time	12:00 PM - 1:00 PM
Subject	Combined Graduate Level Examination 2020 Tier 1

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 : **81616112324**
Status : **Answered**
Chosen Option : **1**

Q.2 In a certain code language, 'TRAVEL' is written as 'SUWBMF'. How will 'FROZEN' be written in that language?

Ans ✘ 1. SGBPOG

✔ 2. SGAPOF

✘ 3. TGBPOF

✘ 4. SGAQPF

Question ID : **81616114026**
Status : **Answered**
Chosen Option : **2**

Q.3 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different.

Ans ✔ 1. 4 : 52

✘ 2. 7 : 294

✘ 3. 5 : 100

✘ 4. 6 : 180

Question ID : **81616113629**
Status : **Answered**
Chosen Option : **3**

Q.4 Select the options in which the numbers are related in the same way as are the numbers of the following set.

(4, 532, 10)

Ans ✘ 1. (9, 396, 4)

✔ 2. (4, 140, 6)

✘ 3. (2, 121, 6)

✘ 4. (3, 269, 8)

Question ID : **81616113631**
Status : **Not Answered**
Chosen Option : **--**

Q.5 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

ZVG, XRI, VNK, TJM, RFO, ?

Ans ✘ 1. QDP

✘ 2. QBR

✔ 3. PBQ

✘ 4. PAR

Question ID : **81616112303**
Status : **Answered**
Chosen Option : **3**

Q.6 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(3, 6, 63)

Ans ✘ 1. (5, 6, 92)

✔ 2. (4, 5, 89)

✘ 3. (8, 5, 64)

✘ 4. (7, 3, 58)

Question ID : **81616114034**
Status : **Not Answered**
Chosen Option : **--**

Q.7 A cube is made by folding the given sheet. In the cube so formed, what would be the number on the opposite side of the number '1'?

5	4

	2	3

6

1
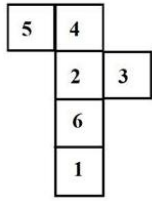
Ans   ✗ 1. 3

   ✗ 2. 4

   ✗ 3. 5

   ✔ 4. 2

Question ID : **81616113636**
Status : **Answered**
Chosen Option : **4**

Q.8 Find the number of triangles in the given figure.
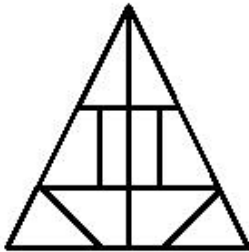
Ans   ✗ 1. 12

   ✔ 2. 11

   ✗ 3. 14

   ✗ 4. 15

Question ID : **81616113635**
Status : **Answered**
Chosen Option : **2**

Q.9 Select the letter from among the given options that can replace the question mark (?) in the following series.

Y, S, N, J, ?

Ans   ✗ 1. E

   ✔ 2. G

   ✗ 3. H

   ✗ 4. F

Question ID : **81616112311**
Status : **Answered**
Chosen Option : **2**

Q.10 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.
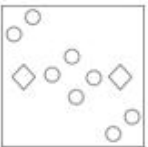
Q.11 Select the option that is related to the fourth number in the same way as the first number is related to the second number and the fifth number is related to the sixth number.

350 : 5 :: ? : 13 :: 990 : 9

Ans
✔ 1. 1950

✘ 2. 1052

✘ 3. 1620

✘ 4. 1258

Q.12 In a certain code language, 'LOAD' is coded as '27241613' and 'CLEAN' is coded as '2725231614'. How will 'STRIKE' be coded in that language?

Ans ✘ 1. 1231719089

✘ 2. 2317190189

✘ 3. 1719102389

✔ 4. 2319171098

Q.13 Select the number from among the given options that can replace the question mark (?) in the following series.

28, 18, 12, 8, ?

Ans ✗ 1. 2

✗ 2. 4

✗ 3. 3

✔ 4. 5

Q.14 Select the correct mirror image of the given figure when the mirror is placed at 'AB' as shown.

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.
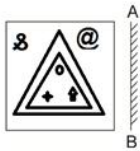
Q.15 Select the Venn diagram that best illustrates the relationship among the following classes.

Reptiles, Frogs, Animals

Ans
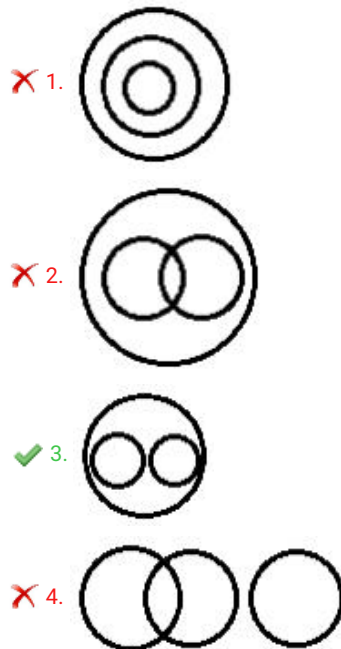
✘ 1.

✘ 2.

✔ 3.

✘ 4.

Q.16 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Sinuous
2. Solemnity
3. Singular
4. Solvable
5. Sorting

Ans ✘ 1. 1, 3, 2, 5, 4

✔ 2. 3, 1, 2, 4, 5

✘ 3. 1, 3, 2, 4, 5

✘ 4. 3, 2, 1, 5, 4

Q.17 आर्य की माँ के पति, मीना की माँ के भाई हैं। मीना और कविता का भाई वंश है। वरुण, आर्य के पिता हैं। वरुण का वंश से क्या संबंध है?

Ans ✘ 1. बेटा

✘ 2. पिता

✔ 3. मामा

✘ 4. भाई

Q.18 The average age of 17 persons is 39 years. If the average age of the first 9 persons is 35 years, and the average age of the last 9 persons is 44 years, what is the age of the 9th person?

Ans ✗ 1. 45 years

✗ 2. 36 years

✔ 3. 48 years

✗ 4. 41 years

Question ID : **81616112320**

Status : **Answered**

Chosen Option : **3**

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. WYBY

✗ 2. RTGB

✗ 3. LNMH

✗ 4. HJQL

Question ID : **81616113416**

Status : **Answered**

Chosen Option : **1**

Q.20 Select the option that is related to the third word in the same way as the second word is related to the first word.

Bats : Colony : : Lions : ?

Ans ✗ 1. Band

✗ 2. Herd

✔ 3. Pride

✗ 4. Charm

Question ID : **81616113418**

Status : **Answered**

Chosen Option : **2**

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 ministers are politicians.
All pilots are ministers.
No engineer is a politician.

Conclusions:
I. Some ministers are pilots.
II. No engineer is a minister.
III. No engineer is a pilot.

Ans ✗ 1. Only conclusions II and III follow

✗ 2. Only conclusions I and III follow

✔ 3. All the conclusions follow

✗ 4. Only conclusions I and II follow

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

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.
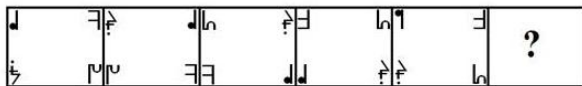
Q.23 नीचे चार शब्द दिए गए हैं जिनमें से तीन किसी संदर्भ में एक समान हैं और उनमें से एक असंगत है। उस असंगत शब्द का चयन करें।

Ans   ✗ 1. चूं-चूं करना

   ✗ 2. टरटराना

   ✗ 3. रेंकना

   ✓ 4. सरपट दौड़ना

Question ID : **81616113619**
Status : **Answered**
Chosen Option : **4**

Q.24 उस विकल्प का चयन कीजिए जिसके शब्दों के मध्य वही संबंध है, जो दिए गए शब्द–युग्म के शब्दों के मध्य है।

जाकिर हुसैन : तबला

Ans   ✗ 1. रवि शंकर : संतूर

   ✗ 2. अमजद अली खान : शहनाई

   ✗ 3. बिस्मिल्ला खान : सरोद

   ✓ 4. हरिप्रसाद चौरसिया : बाँसुरी

Question ID : **81616112308**
Status : **Not Answered**
Chosen Option : **--**

Q.25 Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the equation.

252 * 14 * 8 * 100 * 16 * 60

Ans   ✗ 1. ÷, -, ×, +, =

   ✓ 2. ÷, ×, -, +, =

   ✗ 3. ÷, ×, +, =, -

   ✗ 4. ÷, ×, +, -, =

Question ID : **81616113632**
Status : **Answered**
Chosen Option : **2**

Section : **General Awareness**

Q.1 Which of the following statements is correct?

Ans   ✗ 1. If the constituents of the medium oscillate along the direction of wave propagation, we call the wave a transverse wave.

   ✓ 2. The minimum distance between two points in a wave having the same phase at a particular instant of time is called the wave length.

   ✗ 3. If the constituents of the medium oscillate perpendicular to the direction of wave propagation, we call the wave a longitudinal wave.

   ✗ 4. Frequency of a wave is the number of oscillations of each constituent particle in the vibrating medium per minute.

Question ID : **81616113647**
Status : **Answered**
Chosen Option : **2**

Q.2 Prithviraj Chauhan and Muhammad Ghori fought the battle of _____.

Ans ✗ 1. Tallikota

✗ 2. Chanderi

✗ 3. Chausa

✔ 4. Tarain

Question ID : **81616114057**
Status : **Answered**
Chosen Option : **4**

Q.3 Which of the following became the first Indian state to give electricity subsidy to farmers through Direct Benefit Transfer in January 2021?

Ans ✗ 1. Manipur

✔ 2. Madhya Pradesh

✗ 3. Sikkim

✗ 4. Uttarakhand

Question ID : **81616113461**
Status : **Answered**
Chosen Option : **2**

Q.4 Which of the following is NOT a disease caused by a virus?

Ans ✗ 1. AIDS

✗ 2. Ebola

✔ 3. Plague

✗ 4. Zika

Question ID : **81616112336**
Status : **Answered**
Chosen Option : **3**

Q.5 Which of the following cities is closest to the location of Pushkar Fair?

Ans ✗ 1. Ahmedabad

✔ 2. Ajmer

✗ 3. Prayagraj

✗ 4. Amravati

Question ID : **81616114045**
Status : **Answered**
Chosen Option : **2**

Q.6 Who among the following was the first scholar to decipher the Ashokan edicts?

Ans ✗ 1. Alexander Cunningham

✔ 2. James Prinsep

✗ 3. James Taylor

✗ 4. V Gordon Childe

Question ID : **81616113642**
Status : **Answered**
Chosen Option : **2**

Q.7 Identify the state in which you will find the highest peak of the Deccan Plateau, Anai Mudi.

Ans ✗ 1. Tamil Nadu

✓ 2. Kerala

✗ 3. Karnataka

✗ 4. Andhra Pradesh

Question ID : **81616112338**
Status : **Answered**
Chosen Option : **1**

Q.8 The horizontal rows in the modern periodic table are called:

Ans ✗ 1. clusters

✓ 2. periods

✗ 3. groups

✗ 4. families

Question ID : **81616114052**
Status : **Answered**
Chosen Option : **3**

Q.9 Identify the author of the book 'The English Teacher'.

Ans ✗ 1. Salman Rushdie

✗ 2. Vikram Seth

✓ 3. RK Narayan

✗ 4. Khushwant Singh

Question ID : **81616112345**
Status : **Not Answered**
Chosen Option : **--**

Q.10 Who among the following chroniclers wrote about Raziyya and recognised that she was more able and qualified than all her brothers?

Ans ✗ 1. Amir Khusrau

✗ 2. Zia-ud-din Barani

✓ 3. Minhaj-i-Siraj

✗ 4. Ibn Battuta

Question ID : **81616113654**
Status : **Answered**
Chosen Option : **1**

Q.11 Which longitude has been selected as the Standard Meridian of India?

Ans ✓ 1. 82°30'E

✗ 2. 81°30'E

✗ 3. 82°32'E

✗ 4. 82°31'E

Question ID : **81616113650**
Status : **Answered**
Chosen Option : **1**

Q.12 Who among the following persons was appointed as the chief scientist of the International Cotton Advisory Committee in January 2021?

Ans ✗ 1. Sandhya Kranthi

✗ 2. Kai Hughes

✗ 3. Caroline Taco

✓ 4. Keshav Kranthi

Question ID : **81616113463**
Status : **Not Answered**
Chosen Option : **--**

Q.13 _____ is made of lower density felsic rocks, such as andesite and granite.

Ans ✗ 1. Outer core

✗ 2. Oceanic crust

✗ 3. Inner core

✓ 4. Continental crust

Question ID : **81616113450**
Status : **Answered**
Chosen Option : **3**

Q.14 What is the chemical symbol of magnesium?

Ans ✓ 1. Mg

✗ 2. Ma

✗ 3. Ms

✗ 4. Mn

Question ID : **81616114049**
Status : **Answered**
Chosen Option : **1**

Q.15 In January 2018, the Government of India and NITI Aayog launched the 'Transformation of Aspirational Districts' initiative with a vision to improve India's ranking under the Human Development Index by 2022. Which of the following is NOT one of the programme's core area of focus?

Ans ✗ 1. Health and nutrition

✗ 2. Education

✓ 3. Industry and innovation

✗ 4. Agriculture and water resources

Question ID : **81616113644**
Status : **Answered**
Chosen Option : **2**

Q.16 The female devotee, Andal belonged to which part of India?

Ans ✗ 1. Western

✗ 2. Northern

✔ 3. Southern

✗ 4. North-eastern

Question ID : **81616114060**

Status : **Not Answered**

Chosen Option : **--**

Q.17 In which of the following sports is the shakehand grip used?

Ans ✗ 1. Badminton

✗ 2. Squash

✗ 3. Cricket

✔ 4. Table tennis

Question ID : **81616114066**

Status : **Not Answered**

Chosen Option : **--**

Q.18 Which branch of economics deals with the depletion of natural resources stock and pollution, which are a result of rapid economic development?

Ans ✔ 1. Environmental Economics

✗ 2. Developmental Economics

✗ 3. International Economics

✗ 4. Public Economics

Question ID : **81616112330**

Status : **Answered**

Chosen Option : **1**

Q.19 Who among the following has been the longest-serving female chief minister of any Indian state, as on January 2021?

Ans ✗ 1. Sucheta Kripalani

✗ 2. J Jayalalithaa

✗ 3. Syeda Anwara Taimur

✔ 4. Sheila Dixit

Question ID : **81616112347**

Status : **Answered**

Chosen Option : **2**

Q.20 Who among the following is the author of the book 'Tabaqat-i-Nasiri'?

Ans   ✔️ 1. Minhaj-us-Siraj

     ❌ 2. Al-Biruni

     ❌ 3. Ziauddin Barani

     ❌ 4. Amir Khusrau

Question ID : **81616112342**
Status : **Not Answered**
Chosen Option : **--**

Q.21 _____ is a process in which impure water is boiled and the steam is collected and condensed in a separate container, leaving many of the solid contaminants behind.

Ans   ❌ 1. Decantation

     ✔️ 2. Distillation

     ❌ 3. Filtration

     ❌ 4. Sedimentation

Question ID : **81616113444**
Status : **Answered**
Chosen Option : **2**

Q.22 In which of the following countries was the first hockey association formed?

Ans   ❌ 1. Spain

     ✔️ 2. The UK

     ❌ 3. The US

     ❌ 4. India

Question ID : **81616113459**
Status : **Not Answered**
Chosen Option : **--**

Q.23 Who among the following wrote the novel 'Gora'?

Ans   ✔️ 1. Rabindranath Tagore

     ❌ 2. Premchand

     ❌ 3. Mahatma Gandhi

     ❌ 4. Abanindranath Tagore

Question ID : **81616113455**
Status : **Not Answered**
Chosen Option : **--**

Q.24 According to the World Bank's annual report on the Ease of Doing Business (EODB), 'Doing Business 2020: Comparing Business Regulations in 190 Economies', India ranks _____ out of 190 countries.

Ans ✗ 1. 54th

✓ 2. 63rd

✗ 3. 78th

✗ 4. 47th

Question ID : **81616112351**
Status : **Answered**
Chosen Option : **4**

Q.25 Who has the power to recommend the dismissal of the state government and suspension or dissolution of the state assembly?

Ans ✗ 1. Chief Minister

✗ 2. Prime Minister

✓ 3. Governor

✗ 4. Speaker of legislative assembly

Question ID : **81616113659**
Status : **Answered**
Chosen Option : **3**

Section : **Quantitative Aptitude**

Q.1 A car can cover a distance of 144 km in 1.8 hours. In what time (in hours) will it cover double the distance when its speed is increased by 20%?

Ans ✗ 1. 2.5

✗ 2. 3.2

✓ 3. 3

✗ 4. 2

Question ID : **81616114079**
Status : **Answered**
Chosen Option : **3**

Q.2 In $\triangle ABC$, D is a point on BC such that $\angle BAD = \frac{1}{2} \angle ADC$ and $\angle BAC = 77°$ and $\angle C = 45°$. What is the measure of $\angle ADB$?

Ans ✓ 1. 64°

✗ 2. 77°

✗ 3. 45°

✗ 4. 58°

Question ID : **81616113480**
Status : **Answered**
Chosen Option : **1**

Q.3 Radha bought a fridge and a washing machine together for ₹57300. She sold the fridge at a profit of 15% and washing machine at a loss of 24% and both are sold at the same price. The cost price of washing machine (in ₹) is:

Ans ✔ 1. 34500

✘ 2. 28650

✘ 3. 22800

✘ 4. 24500

Q.4 Study the following table and answer the question:

Number of students enrolled for Vocational Courses (VC) in institutes A, B, C, D, E & F.

Years Institutes	2014	2015	2016	2017	2018
A	110	150	165	180	205
B	120	180	176	200	220
C	140	220	180	175	225
D	125	210	175	180	230
E	150	200	160	200	240
F	165	230	200	220	210

The difference between the average number of students enrolled for VC in institute F in 2015, 2017 and 2018 and the average number of students enrolled in all the six institutes in 2014, is:

Ans ✘ 1. 82

✘ 2. 88

✘ 3. 89

✔ 4. 85

Q.5 The cost price of an article is ₹250. A shopkeeper gains 20% by selling it at a discount of 36% on its marked price. What is the marked price (in ₹) of the article?

Ans ✔ 1. 468.75

✘ 2. 475

✘ 3. 380.50

✘ 4. 450

Q.6

If $0° < \theta < 90°$, $\sqrt{\dfrac{\sec^2\theta + \csc^2\theta}{\tan^2\theta - \sin^2\theta}}$ is equal to:

Ans

✗ 1. $\sec^3\theta$

✗ 2. $\sin^2\theta$

✔ 3. $\csc^3\theta$

✗ 4. $\sec^2\theta$

Q.7 The following Pie chart represents the percentage-wise distribution of 800 students of class XII in a school in six different sections A, B, C, D, E and F.
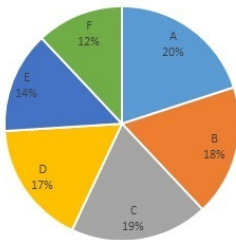
The table given below shows the number of girls of class XII in six different sections A, B, C, D, E and F.

Section	A	B	C	D	E	F
No. of girls	102	80	104	98	0	60

The total number of girls in sections B, C and D together is what percent more than the total number of boys in sections A, B and D together?

Ans

✔ 1. 76.25

✗ 2. 50

✗ 3. 80

✗ 4. 65.75

Q.8 If $x^4 + x^2y^2 + y^4 = 21$ and $x^2 + xy + y^2 = 3$, then what is the value of $(-xy)$?

Ans

✔ 1. 2

✗ 2. 1

✗ 3. -1

✗ 4. -2

Q.9 A square has the perimeter equal to the circumference of a circle having radius 7 cm. What is the ratio of the area of the circle to area of the square?

$\left(\text{Use } \pi = \frac{22}{7}\right)$

Ans
✗ 1. 7 : 2

✓ 2. 14 : 11

✗ 3. 7 : 11

✗ 4. 121 : 44

Question ID : **81616112363**
Status : **Answered**
Chosen Option : **2**

Q.10 If x is subtracted from each of 24, 40, 33 and 57, the numbers, so obtained are in proportion. The ratio of $(5x + 12)$ to $(4x + 15)$ is:

Ans
✗ 1. 4 : 3

✓ 2. 14 : 13

✗ 3. 7 : 4

✗ 4. 7 : 5

Question ID : **81616114076**
Status : **Not Answered**
Chosen Option : **--**

Q.11 $(\text{cosecA} - \text{cotA})\,(1 + \text{cosA}) = ?$

Ans
✗ 1. cosecA

✗ 2. cosA

✓ 3. sinA

✗ 4. cotA

Question ID : **81616112272**
Status : **Answered**
Chosen Option : **3**

Q.12 Three persons A, B and C donate 10%, 7% and 9% respectively of their monthly salaries to a charitable trust. Monthly salaries of A and B are equal and the difference between the donations of A and B is ₹900. If the total donation by A and B is ₹600 more than that of C, then what is the monthly salary (in ₹) of C?

Ans
✗ 1. 60000

✓ 2. 50000

✗ 3. 45000

✗ 4. 55000

Question ID : **81616113670**
Status : **Answered**
Chosen Option : **2**

Q.13 Study the following table and answer the question:

Number of students enrolled for Vocational Courses (VC) in institutes A, B, C, D, E & F.

Institutes \ Years	2014	2015	2016	2017	2018
A	110	150	165	180	205
B	120	180	176	200	220
C	140	220	180	175	225
D	125	210	175	180	230
E	150	200	160	200	240
F	165	230	200	220	210

The total number of students enrolled for VC in institutes D and F in 2014 is what percent of the total number of students enrolled in institutes A, B and C in 2018? (correct to one decimal point)

Ans
✔ 1. 44.6

✘ 2. 42.8

✘ 3. 43.8

✘ 4. 43.2

Q.14 To do a certain work, efficiencies of A and B are in the ratio 7 : 5. Working together, they can complete the work in $17\frac{1}{2}$ days. In how many days, will B alone complete 50% of the same work?

Ans
✘ 1. 15

✘ 2. 30

✘ 3. 42

✔ 4. 21

Q.15 Pie-Chart shows the degree wise breakup of expenditure of a family in a month. Total income of the family is ₹144000.

- Rent
- Food
- Education
- Savings
- Miscellaneous
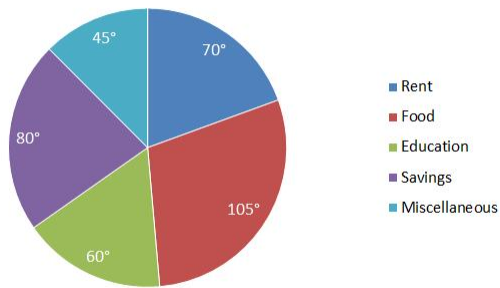
What is the expenditure (in ₹) on education?

Ans

✔ 1. 24000

✘ 2. 20000

✘ 3. 12000

✘ 4. 36000

Q.16 If $\frac{sin^2\ \theta}{tan^2\ \theta - sin^2\ \theta} = 5$, θ is an acute angle, then the value of $\frac{24\ sin^2\ \theta - 15\ sec^2\ \theta}{6\ cosec^2\theta - 7\ cot^2\ \theta}$ is:

Ans

✘ 1. 2

✔ 2. −14

✘ 3. 14

✘ 4. -2

Q.17 If the six-digit number $5z3x4y$ is divisible by 7, 11 and 13, then what is the value of $(x + y - z)$?

Ans

✘ 1. 5

✔ 2. 4

✘ 3. 6

✘ 4. 3

Q.18 At what rate percent per annum will ₹7200 amount to ₹7938 in one year, if interest is compounded half yearly?

Ans

✗ 1. 5

✗ 2. 12

✗ 3. 8

✔ 4. 10

Q.19 A tangent is drawn from a point P to a circle, which meets the circle at T such that PT = 8 cm. A secant PAB intersects the circle in points A and B. If PA = 5 cm, what is the length (in cm) of the chord AB?

Ans

✗ 1. 6.4

✗ 2. 8.4

✔ 3. 7.8

✗ 4. 8.0

Q.20 In triangle ABC, D and E are the mid points of AB and BC respectively. If area(ΔCED) = 8 cm^2, then what is the area(ADEC) in cm^2 ?

Ans

✗ 1. 21

✗ 2. 32

✔ 3. 24

✗ 4. 16

Q.21 The value of $423 \div \left[270 \div \frac{3}{7} \times 35 + \left(17 \div \frac{1}{3} \right) - \left(8\frac{1}{2} - \frac{5}{2} \right) \right]$ is:

Ans

✗ 1. $\dfrac{41}{2455}$

✔ 2. $\dfrac{47}{2455}$

✗ 3. $\dfrac{51}{2455}$

✗ 4. $\dfrac{43}{2455}$

Q.22 The average weight of students of section A and B having 40 students each is 45.5 kg and 44.2 kg respectively. Two students of section A having average weight 48.75 kg were shifted to section B and 2 students of section B were shifted to section A, making the average weight of both the sections equal. What is the average weight (in kg) of the students who were shifted from section B to section A?

Ans
  ✗ 1. 34.5

  ✗ 2. 35

  ✔ 3. 35.75

  ✗ 4. 34.25

Q.23

If $x + \dfrac{1}{x} = 2\sqrt{5}$, then what is the value of $\dfrac{\left(x^4 + \frac{1}{x^2}\right)}{x^2 + 1}$?

Ans
  ✗ 1. 20

  ✗ 2. 23

  ✗ 3. 14

  ✔ 4. 17

Q.24 If $(x+6)^3 + (2x+3)^3 + (3x+5)^3 = (3x+18)(2x+3)(3x+5)$, then what is the value of x ?

Ans
  ✗ 1. $\dfrac{7}{3}$

  ✗ 2. $-\dfrac{5}{3}$

  ✗ 3. $\dfrac{5}{3}$

  ✔ 4. $-\dfrac{7}{3}$

Q.25 The area of a circular path enclosed by two concentric circles is 3080 m² . If the difference between the radius of the outer edge and that of inner edge of the circular path is 10 m, what is the sum (in m) of the two radii? (Take $\pi = \frac{22}{7}$)

Ans
  ✗ 1. 70

  ✗ 2. 112

  ✔ 3. 98

  ✗ 4. 84

Section : **English Comprehension**

Q.1 **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.**

Mr. Rao asked the newcomer / to his office / if he will minded / working late that day.

Ans ✗ 1. Mr. Rao asked the newcomer

✗ 2. working late that day

✗ 3. to his office

✓ 4. if he will minded

Question ID : **81616114095**
Status : **Answered**
Chosen Option : **4**

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

If you _____ to newsgroups, you often get hundreds of messages.

Ans ✗ 1. offend

✓ 2. subscribe

✗ 3. describe

✗ 4. practice

Question ID : **81616112403**
Status : **Answered**
Chosen Option : **2**

Q.3 **Select the option that can be used as a one-word substitute for the given group of words.**

A secret or disguised way of writing

Ans ✗ 1. Emblem

✓ 2. Cypher

✗ 3. Symbol

✗ 4. Puzzle

Question ID : **81616113712**
Status : **Not Answered**
Chosen Option : **--**

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

Expunge

Ans ✗ 1. Draw

✗ 2. Omit

✗ 3. Wipe

✓ 4. Add

Question ID : **81616114112**
Status : **Not Answered**
Chosen Option : **--**

Q.5 Select the option that expresses the given sentence in indirect speech.

"Alas, I have broken my brother's watch!" said he.

Ans ✔ 1. He exclaimed with sorrow that he had broken his brother's watch.

✘ 2. He exclaimed with sorrow that he has broken his brother's watch.

✘ 3. He exclaimed with sorrow I have broken my brother's watch.

✘ 4. He exclaimed with sorrow that he may have broken his brother's watch.

Question ID : **81616112381**
Status : **Answered**
Chosen Option : **1**

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

Can you _____ between these two shades of green?

Ans ✘ 1. detect

✔ 2. distinguish

✘ 3. distract

✘ 4. divert

Question ID : **81616113715**
Status : **Answered**
Chosen Option : **2**

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

Bang

Ans ✔ 1. Beat

✘ 2. Sang

✘ 3. Ride

✘ 4. Rang

Question ID : **81616112392**
Status : **Not Answered**
Chosen Option : **--**

Q.8 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

The warden punished the students <u>who violates</u> the rules of the hostel.

Ans ✘ 1. who is violating

✔ 2. who violated

✘ 3. No substitution

✘ 4. who are violate

Question ID : **81616113695**
Status : **Answered**
Chosen Option : **2**

Q.9 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

The minister, along with his team members, <u>is expected to arrive</u> shortly.

Ans ✗ 1. are expect to arrive

✗ 2. are being expected to arrive

✗ 3. are expected to arrive

✓ 4. No substitution

Question ID : **81616112383**
Status : **Answered**
Chosen Option : **4**

Q.10 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. A fox, hearing the cock and thinking to make a meal of him, came and stood under the tree.
B. As the night passed away and the day dawned, the cock, according to his custom, set up a shrill crowing.
C. A dog and a cock having struck up an acquaintance went out on their travels together.
D. Nightfall found them in a forest, so the cock, flying up on a tree, perched among the branches, while the dog dozed below at the foot.

Ans ✗ 1. DCAB

✓ 2. CDBA

✗ 3. BCDA

✗ 4. CABD

Question ID : **81616113501**
Status : **Answered**
Chosen Option : **2**

Q.11 Select the INCORRECTLY spelt word.

Ans ✓ 1. Preshious

✗ 2. Barricade

✗ 3. Innovation

✗ 4. Infection

Question ID : **81616113512**
Status : **Answered**
Chosen Option : **1**

Q.12 Select the most appropriate meaning of the following idiom.

A fish out of water

Ans ✗ 1. Feel as if you are unable to breathe

✗ 2. Feel like going to an unfamiliar and new place

✗ 3. Feel comfortable in any kind of place

✓ 4. Feel uncomfortable in unfamiliar surroundings

Question ID : **81616114113**
Status : **Answered**
Chosen Option : **4**

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

A person who entertains people by doing difficult feats

Ans ✔ 1. Acrobat

✗ 2. Cosmonaut

✗ 3. Astronaut

✗ 4. Performer comedian

Question ID : **81616113711**
Status : **Answered**
Chosen Option : **1**

Q.14 Select the most appropriate meaning of the following idiom.

To be light years away

Ans ✗ 1. An extremely long time from now in the past or future

✔ 2. To be too distant for human beings to reach

✗ 3. An unlikely event that happened suddenly

✗ 4. When something seems like it is about to happen in the near future

Question ID : **81616114114**
Status : **Answered**
Chosen Option : **2**

Q.15 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. Though they had never ever heard Subha utter their names, they unfailingly recognized her footsteps as she came into their shed.
B. They even understood the precious moments between them as she loved and cuddled them, scolded them, and pleaded to them.
C. Subha did really have a close circle of friends and companions; they were Sarbasi and Panguli, the two cows living in their cow-shed.
D. They understood the silent, melancholy tune of her unspoken words during those moments, and the intensity of her expressions more easily than the spoken language of other humans.

Ans ✗ 1. ADBC

✗ 2. DABC

✔ 3. CADB

✗ 4. CBDA

Question ID : **81616114108**
Status : **Answered**
Chosen Option : **3**

Q.16 Select the most appropriate synonym of the given word.

Ponder

Ans ✖ 1. Terminate

✔ 2. Meditate

✖ 3. Celebrate

✖ 4. Agitate

Question ID : **81616112393**
Status : **Answered**
Chosen Option : **4**

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

Obese

Ans ✖ 1. Greasy

✔ 2. Slim

✖ 3. Large

✖ 4. Stout

Question ID : **81616113505**
Status : **Answered**
Chosen Option : **2**

Q.18 Select the INCORRECTLY spelt word.

Ans ✖ 1. Detective

✖ 2. Evidence

✖ 3. Priority

✔ 4. Vacine

Question ID : **81616113511**
Status : **Answered**
Chosen Option : **4**

Q.19 Select the option that expresses the given sentence in passive voice.

The spider on the wall frightened Jiya.

Ans ✖ 1. The spider on the wall was frightened by Jiya.

✔ 2. Jiya was frightened by the spider on the wall.

✖ 3. Jiya has been frightened by the spider on the wall.

✖ 4. Jiya had been frightened of the spider on the wall.

Question ID : **81616113693**
Status : **Answered**
Chosen Option : **2**

Q.20 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 concept became / too much clear to me / after my tutor / showed me the diagram.

Ans ✔️ 1. too much clear to me

❌ 2. showed me the diagram

❌ 3. The concept became

❌ 4. after my tutor

Question ID : **81616113692**
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 blank.

Essaouira's origins stretch back to prehistoric times, and this spot on Morocco's Atlantic coast (1)_____ a centre of culture and commerce ever since. (2)_____ centuries, the harbour town was an important trading post (3)_____ both a seaport and as the north-western terminus of a caravan (4)_____ stretching across the desert to Timbuktu (5)_____ Africa's interior.

SubQuestion No : 21

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

Ans ❌ 1. have been

❌ 2. been

❌ 3. had be

✔️ 4. has been

Question ID : **81616113496**
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 blank.

Essaouira's origins stretch back to prehistoric times, and this spot on Morocco's Atlantic coast (1)_____ a centre of culture and commerce ever since. (2)_____ centuries, the harbour town was an important trading post (3)_____ both a seaport and as the north-western terminus of a caravan (4)_____ stretching across the desert to Timbuktu (5)_____ Africa's interior.

SubQuestion No : 22

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

Ans ✔️ 1. For

❌ 2. At

❌ 3. Above

❌ 4. In

Question ID : **81616113497**
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 blank.

Essaouira's origins stretch back to prehistoric times, and this spot on Morocco's Atlantic coast (1)_____ a centre of culture and commerce ever since. (2)_____ centuries, the harbour town was an important trading post (3)_____ both a seaport and as the north-western terminus of a caravan (4)_____ stretching across the desert to Timbuktu (5)_____ Africa's interior.

SubQuestion No : 23

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

Ans   ✗ 1. from

         ✗ 2. at

         ✔ 3. as

         ✗ 4. by

Question ID : **81616113498**
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 blank.

Essaouira's origins stretch back to prehistoric times, and this spot on Morocco's Atlantic coast (1)_____ a centre of culture and commerce ever since. (2)_____ centuries, the harbour town was an important trading post (3)_____ both a seaport and as the north-western terminus of a caravan (4)_____ stretching across the desert to Timbuktu (5)_____ Africa's interior.

SubQuestion No : 24

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

Ans   ✗ 1. highway

         ✗ 2. direction

         ✔ 3. route

         ✗ 4. way

Question ID : **81616113499**
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 blank.

Essaouira's origins stretch back to prehistoric times, and this spot on Morocco's Atlantic coast (1)_____ a centre of culture and commerce ever since. (2)_____ centuries, the harbour town was an important trading post (3)_____ both a seaport and as the north-western terminus of a caravan (4)_____ stretching across the desert to Timbuktu (5)_____ Africa's interior.

SubQuestion No : 25

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

Ans ✗ 1. above

✗ 2. on

✔ 3. in

✗ 4. over

Question ID : **81616113500**
Status : **Answered**
Chosen Option : **3**

Combined Graduate Level Examination 2020 Tier-I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	23/08/2021
Exam Time	3:00 PM - 4:00 PM
Subject	Combined Graduate Level Examination 2020 Tier 1

Section : **General Intelligence and Reasoning**

Q.1 How many triangles are there in the given figure?

Ans ✔ 1. 11

✘ 2. 9

✘ 3. 10

✘ 4. 12

Question ID : **81616113837**
Status : **Not Answered**
Chosen Option : **--**

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. Cardinal
2. Cartography
3. Cardiac
4. Carrot
5. Callous
6. Careless

Ans ✘ 1. 5, 3, 1, 4, 6, 2

✘ 2. 5, 3, 1, 6, 2, 4

✔ 3. 5, 3, 1, 6, 4, 2

✘ 4. 5, 1, 3, 6, 4, 2

Question ID : **81616114122**
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.

14 * 7 * 39 * 133 * 19 * 130

Ans   ✗ 1. ÷, −, +, ×, =

     ✗ 2. ×, −, +, ÷, =

     ✗ 3. ÷, +, −, ×, =

     ✔ 4. ×, +, −, ÷, =

> Question ID : **81616113834**
> Status : **Answered**
> Chosen Option : **4**

Q.4 Select the option in which the words share the same relationship as that shared by the given
pair of words.

Pedology : Soil

Ans   ✗ 1. Hepatology : Blood

     ✗ 2. Seismology : Pressure

     ✗ 3. Cytology : Metabolism

     ✔ 4. Pomology : Fruits

> Question ID : **81616113722**
> Status : **Answered**
> Chosen Option : **4**

Q.5 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.
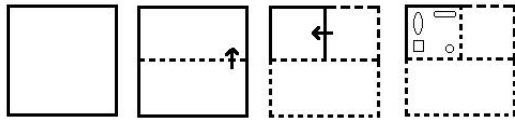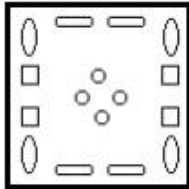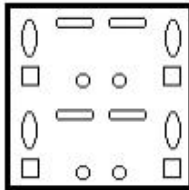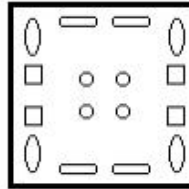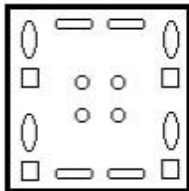
Question ID : **81616113740**
Status : **Answered**
Chosen Option : **3**

Q.6 Select the option that is related to the fourth number in the same way as the first number is related to the second number and the fifth number is related to the sixth number.

485 : 25 :: ? : 21 :: 401 : 23

Ans ✗ 1. 246

✗ 2. 346

✔ 3. 325

✗ 4. 225

Question ID : **81616113830**
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 door is a window.
No rack is a door.
All cupboards are windows.

Conclusions:
I. Some cupboards are racks.
II. No cupboard is a door.
III. No rack is a window.

Ans ✔ 1. Only conclusion II follows

✘ 2. Only conclusion I follows

✘ 3. Only conclusions I and III follow

✘ 4. None of the conclusions follow

Question ID : **81616113828**
Status : **Answered**
Chosen Option : **1**

Q.8 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(47, 64, 55)

Ans ✔ 1. (46, 49, 53)

✘ 2. (56, 80, 64)

✘ 3. (36, 100, 47)

✘ 4. (28, 25, 34)

Question ID : **81616113832**
Status : **Answered**
Chosen Option : **1**

Q.9 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. LOUC

✘ 2. LPVD

✘ 3. TXDL

✘ 4. BFLT

Question ID : **81616114123**
Status : **Not Answered**
Chosen Option : **--**

Q.10 In a certain code language, 'DARK' is written as 'CBQJ' and 'SOUND' is written as 'RPVMC'.
How will 'TOXIC' be written in that language?

Ans ✗ 1. PUYJD

✔ 2. SPWJB

✗ 3. SNWHB

✗ 4. UPYJD

Question ID : **81616113824**
Status : **Answered**
Chosen Option : **3**

Q.11 Select the option that is related to the third word in the same way as the second word is related to the first word.

Coerce : Persuade :: Angry : ?

Ans ✗ 1. Intimidate

✔ 2. Furious

✗ 3. Dangerous

✗ 4. Damaging

Question ID : **81616114125**
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.

YTUQ, XVRU, ?, VZLC, UBIG

Ans ✗ 1. WXPY

✔ 2. WXOY

✗ 3. WYOY

✗ 4. WYOX

Question ID : **81616113717**
Status : **Answered**
Chosen Option : **2**

Q.13 In a certain code language, 'PRINTER' is coded as '11181814759' and 'LOGIC' is coded as '151520924'. How will 'TERMITE' be coded in that language?

Ans ✗ 1. 75181392022

✗ 2. 7591418205

✗ 3. 2059131875

✔ 4. 75913182022

Question ID : **81616113825**
Status : **Not Answered**
Chosen Option : **--**

Q.14 'A # B' means 'A is the brother of B'.
'A @ B' means 'A is the daughter of B'.
'A & B' means 'A is the husband of B'.
'A % B' means 'A is the wife of B'.

If 'W # Q @ T & Y @ M % K', then how is K related to T?

Ans ✖ 1. Mother

✔ 2. Father-in-law

✖ 3. Father

✖ 4. Mother-in-law

Question ID : **81616113726**
Status : **Answered**
Chosen Option : **2**

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

Ans

✖ 1.

✖ 2.

✔ 3.

✖ 4.
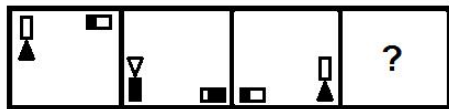
Question ID : **81616114139**
Status : **Answered**
Chosen Option : **2**

Q.16 A cube is made by folding the given sheet. In the cube so formed, which of the following pairs of numbers would be opposite to each other?
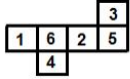
Ans

❌ 1. 6 and 3

❌ 2. 4 and 5

❌ 3. 1 and 6

✅ 4. 3 and 4

Question ID : **81616113838**
Status : **Answered**
Chosen Option : **4**

Q.17 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(44, 24, 132)

Ans

❌ 1. (16, 26, 186)

❌ 2. (46, 22, 306)

❌ 3. (32, 28, 250)

✅ 4. (56, 26, 182)

Question ID : **81616113833**
Status : **Not Answered**
Chosen Option : **--**

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

Ans

✅ 1. Timid

❌ 2. Energised

❌ 3. Nostalgic

❌ 4. Excited

Question ID : **81616113821**
Status : **Answered**
Chosen Option : **1**
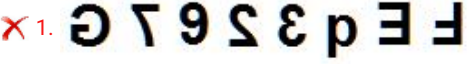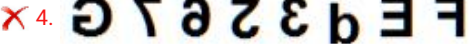
Q.19 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.

M

F E q 3 2 6 7 G |

N

Ans

✗ 1. FEq3267G (mirror image)

✗ 2. FEq3267G (mirror image)

✔ 3. FEq3267G (mirror image)

✗ 4. FEq3267G (mirror image)

Q.20 Select the set of classes, the relationship among which is best illustrated by the following Venn diagram.

Ans

✗ 1. Literates, Girls, Females

✗ 2. Bats, Humans, Mammals

✗ 3. Boys, Artists, Brothers

✔ 4. Fathers, Males, Sons

Q.21 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different.

Ans

✗ 1. 11 : 242

✔ 2. 19 : 622

✗ 3. 12 : 288

✗ 4. 14 : 392

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

18, 29, 42, 59, 78, 101, ?

Ans ✓ 1. 130

✗ 2. 121

✗ 3. 125

✗ 4. 137

Q.23 If 19 July 2000 was a Wednesday, then what would be the day of the week on 15 June 2012?

Ans ✗ 1. Wednesday

✗ 2. Thursday

✗ 3. Saturday

✓ 4. Friday

Q.24 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

J P _ L D _ P _ M D J _ C _ D _ P C _ D

Ans ✓ 1. C, J, C, P, N, J, O

✗ 2. C, J, C, P, N, P, O

✗ 3. C, J, N, P, O, J, O

✗ 4. C, J, C, P, O, J, P

Q.25 Select the option that is embedded in the given figure (rotation is NOT allowed).

Ans

✗ 1.

✓ 2.

✗ 3.

✗ 4.

Question ID : **81616113738**
Status : **Answered**
Chosen Option : **2**

Section : **General Awareness**

Q.1 Which of the following is located in Gujarat?

Ans ✗ 1. Humayun Tomb

✓ 2. Rani-ki-Vav

✗ 3. Alai Darwaza

✗ 4. Bibi Ka Maqbara

Question ID : **81616113843**
Status : **Answered**
Chosen Option : **2**

Q.2 Which of the following waterfalls is located in Madhya Pradesh?

Ans ✓ 1. Dhuandhar

✗ 2. Khandadhar

✗ 3. Shivasamudram

✗ 4. Dudhsagar

Question ID : **81616113852**
Status : **Answered**
Chosen Option : **1**

Q.3 Who among the following hit the winning runs for India against Australia at the Brisbane Test of January 2021?

Ans ✗ 1. Shardul Thakur

✗ 2. Mohammad Siraj

✗ 3. Washington Sundar

✓ 4. Rishabh Pant

Question ID : **81616114166**
Status : **Not Answered**
Chosen Option : **--**

Q.4 Which of the following is NOT a traditional water storage structure?

Ans   ✗ 1. Johad

   ✗ 2. Kund

   ✗ 3. Tanka

   ✓ 4. Haryali

Question ID : **81616113752**
Status : **Not Answered**
Chosen Option : **--**

Q.5 What are the two variables whose relationship is given by the environmental Kuznets curve?

Ans   ✗ 1. Environmental degradation and tax revenue

   ✓ 2. Environmental degradation and per capita income

   ✗ 3. Inequality and tax revenue

   ✗ 4. Inequality and per capita income

Question ID : **81616113744**
Status : **Not Answered**
Chosen Option : **--**

Q.6 The Battle of Khanua was fought between Babur and _____.

Ans   ✓ 1. Rana Sanga

   ✗ 2. Hemu

   ✗ 3. Todar Mal

   ✗ 4. Sher Shah Suri

Question ID : **81616113858**
Status : **Answered**
Chosen Option : **1**

Q.7 India's first seaplane service, that was launched in November 2020, operates between Kevadiya and _____.

Ans   ✗ 1. Surat

   ✗ 2. Vadodara

   ✓ 3. Ahmedabad

   ✗ 4. Rajkot

Question ID : **81616114170**
Status : **Answered**
Chosen Option : **3**

Q.8 Which of the following is a flightless bird?

Ans   ✗ 1. Peacock

   ✗ 2. Crane

   ✗ 3. Hen

   ✓ 4. Kiwi

Question ID : **81616114151**
Status : **Answered**
Chosen Option : **4**

Q.9 The initiative of jail tourism, a first of its kind, was launched in January 2021 in the state of _____.

Ans ✗ 1. Chhattisgarh

✗ 2. Andhra Pradesh

✓ 3. Maharashtra

✗ 4. Uttar Pradesh

Question ID : **81616114168**
Status : **Answered**
Chosen Option : **3**

Q.10 The name 'QSRAM' was in the news in November 2020. What is QSRAM?

Ans ✗ 1. Indigenously designed torpedoes

✗ 2. Inter-continental ballistic missile system

✗ 3. Anti-tank weapon system

✓ 4. Short range surface-to-air missile system

Question ID : **81616113765**
Status : **Answered**
Chosen Option : **4**

Q.11 With which sports do you associate the name Prasanta Dora, who passed away at the age of 44 in January 2021?

Ans ✗ 1. Cycling

✗ 2. Wrestling

✗ 3. Volleyball

✓ 4. Football

Question ID : **81616113864**
Status : **Not Answered**
Chosen Option : **--**

Q.12 Who among the following earned the sobriquet 'Bharat Kokila' from Mahatma Gandhi?

Ans ✓ 1. Sarojini Naidu

✗ 2. Annie Besant

✗ 3. Toru Dutt

✗ 4. Sucheta Kriplani

Question ID : **81616113759**
Status : **Answered**
Chosen Option : **1**

Q.13 How many oxygen atoms are present in a molecule of potassium permanganate?

Ans ✗ 1. One

✓ 2. Four

✗ 3. Three

✗ 4. Two

Question ID : **81616113850**

Status : **Answered**

Chosen Option : **2**

Q.14 Which of the following was NOT a part of Gondwanaland?

Ans ✗ 1. Australia

✗ 2. South America

✗ 3. India

✓ 4. North America

Question ID : **81616114157**

Status : **Answered**

Chosen Option : **4**

Q.15 _____ is one of the most popular folk dances of Odisha.

Ans ✗ 1. Giddha

✗ 2. Hojagiri

✓ 3. Dalkhai

✗ 4. Rauf

Question ID : **81616113844**

Status : **Answered**

Chosen Option : **3**

Q.16 The Indian Mutiny began from Meerut on 10 May 1857 and ended in:

Ans ✓ 1. Gwalior on 20 June 1858

✗ 2. Kolkata on 13 May 1858

✗ 3. Delhi on 18 September 1859

✗ 4. Jhansi on 15 August 1860

Question ID : **81616113756**

Status : **Answered**

Chosen Option : **1**

Q.17 Who among the following issued Mahzarnama in 1579?

Ans ✗ 1. Humayun

✗ 2. Jahangir

✗ 3. Shah Jahan

✓ 4. Akbar

Question ID : **81616113855**

Status : **Not Answered**

Chosen Option : **--**

Q.18 Through which amendment was the Tenth Schedule added to the Constitution of India?

Ans
✔ 1. 52nd

✘ 2. 53rd

✘ 3. 42nd

✘ 4. 43rd

Question ID : **81616113761**
Status : **Answered**
Chosen Option : **1**

Q.19 Which of the following body parts behaves like a stretched rubber sheet?

Ans
✘ 1. Tongue

✘ 2. Eye lens

✘ 3. Nostril

✔ 4. Eardrum

Question ID : **81616113849**
Status : **Not Answered**
Chosen Option : **--**

Q.20 Gautamiputra Satakarni was a _____ ruler.

Ans
✔ 1. Satavahana

✘ 2. Eastern Ganga

✘ 3. Mauryan

✘ 4. Parthian

Question ID : **81616113856**
Status : **Answered**
Chosen Option : **1**

Q.21 Who among the following appoints the Speaker 'Pro tem' of the Lok Sabha?

Ans
✘ 1. Prime Minister

✘ 2. Chief Justice of Supreme Court

✔ 3. President

✘ 4. Chief Election Commissioner

Question ID : **81616113861**
Status : **Answered**
Chosen Option : **3**

Q.22 The liver is affected; and skin and eyes turn yellow due to the deposit of bile pigments.
Which of the following digestive disorders is described here?

Ans
✘ 1. Diarrhoea

✔ 2. Jaundice

✘ 3. Vomiting

✘ 4. Constipation

Question ID : **81616113750**
Status : **Answered**
Chosen Option : **2**

Q.23 Who is the author of the book 'Ethical Religion'?

Ans ✗ 1. Bipan Chandra

✗ 2. Vinoba Bhave

✗ 3. Swami Vivekananda

✓ 4. Mahatma Gandhi

Question ID : **81616114162**
Status : **Not Answered**
Chosen Option : **--**

Q.24 The rupee symbol, which was introduced in India in 2010, is an amalgamation of the Devanagari 'Ra' and the _____ 'R' without the stem.

Ans ✓ 1. Roman

✗ 2. Ol Chiki

✗ 3. Cyrillic

✗ 4. Brahmi

Question ID : **81616113846**
Status : **Answered**
Chosen Option : **1**

Q.25 The lowest temperature at which a substance catches fire is called its:

Ans ✗ 1. normal temperature

✓ 2. ignition temperature

✗ 3. boiling point

✗ 4. melting point

Question ID : **81616113847**
Status : **Answered**
Chosen Option : **2**

Section : **Quantitative Aptitude**

Q.1 If $x + y + z = 2, x^3 + y^3 + z^3 - 3xyz = 74$, then $(x^2 + y^2 + z^2)$ is equal to :

Ans ✗ 1. 22

✗ 2. 29

✓ 3. 26

✗ 4. 24

Question ID : **81616113881**
Status : **Answered**
Chosen Option : **3**

Q.2 The perimeter of a circular lawn is $1232\ m$. There is $7\ m$ wide path around the lawn. The area (in m^2) of the path is:

(Take $\pi = \frac{22}{7}$)

Ans
✗ 1. 8800

✗ 2. 8756

✗ 3. 8558

✔ 4. 8778

Question ID : **81616113777**

Status : **Not Answered**

Chosen Option : **--**

Q.3 If $\sin\alpha + \sin\beta = \cos\alpha + \cos\beta = 1$, then $\sin\alpha + \cos\alpha = ?$

Ans
✗ 1. 2

✗ 2. 0

✔ 3. 1

✗ 4. -1

Question ID : **81616114291**

Status : **Answered**

Chosen Option : **2**

Q.4 $\triangle ABC$ is an equilateral triangle with side $18\ cm$. D is a point on BC such that $BD = \frac{1}{3}BC$. Then length (in cm) of AD is:

Ans
✗ 1. $6\sqrt{3}$

✔ 2. $6\sqrt{7}$

✗ 3. $7\sqrt{6}$

✗ 4. $8\sqrt{3}$

Question ID : **81616113784**

Status : **Not Answered**

Chosen Option : **--**

Q.5 Triangles ABC and DBC are right angled triangles with common hypotenuse BC. BD and AC intersect at P when produced. If PA = 8 cm, PC = 4 cm and PD = 3.2 cm, then the length of BD, in cm, is :

Ans
✗ 1. 5.6

✗ 2. 7.2

✗ 3. 6.4

✔ 4. 6.8

Question ID : **81616113883**

Status : **Not Answered**

Chosen Option : **--**

Q.6 A person borrowed a sum of ₹30800 at 10% p.a. for 3 years, interest compounded annually. At the end of two years, he paid a sum of ₹13268. At the end of 3rd year, he paid ₹ x to clear of the debt. What is the value of x ?

Ans
✗ 1. 26200

✗ 2. 26620

✔ 3. 26400

✗ 4. 26510

Q.7 A train running at 48 km/h crosses a man going with the speed of 12 km/h, in the same direction, in 18 seconds and passes a woman coming from the opposite direction in 12 seconds. The speed (in km/h) of the woman is :

Ans
✗ 1. 8

✗ 2. 9

✔ 3. 6

✗ 4. 10

Q.8 The value of $54 \div 16 \; of \; 3 \times [12 \div 4 \; of \; \{6 \times 3 \div (11 - 2)\}] \div (12 \div 8 \times 2)$ is:

Ans
✗ 1. $\dfrac{3}{4}$

✔ 2. $\dfrac{9}{16}$

✗ 3. $\dfrac{3}{8}$

✗ 4. $\dfrac{9}{8}$

Q.9 The given histogram represents the marks obtained by 128 students. Read the graph and answer the question that follows.
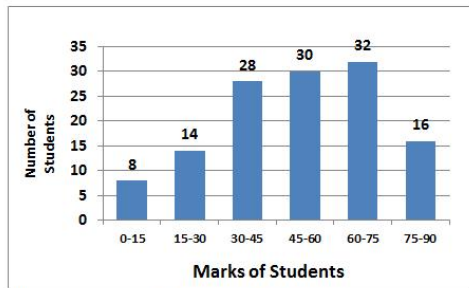
What percent of students got marks less than 60?

Ans ✗ 1. 67.5%

✓ 2. 62.5%

✗ 3. 75%

✗ 4. 72.5%

Q.10 If $9(a^2 + b^2) + c^2 + 20 = 12(a + 2b)$, then the value of $\sqrt{6a + 9b + 2c}$ is :

Ans ✗ 1. 3

✓ 2. 4

✗ 3. 2

✗ 4. 6

Q.11 To do a certain work, the ratio of efficiencies of X and Y is 5 : 7. Working together, X and Y can complete the same work in 70 days. X alone started the work and left after 42 days. Y alone will complete the remaining work in :

Ans ✓ 1. 90 days

✗ 2. 96 days

✗ 3. 80 days

✗ 4. 72 days

Q.12 The following bar graph shows the amount (in Lakh Rs.) invested by a Company in purchasing raw material over the years and the values (in Lakh Rs.) of finished goods sold by the Company over the years.
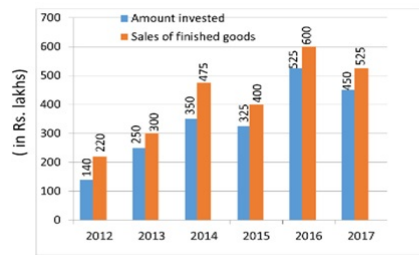
The ratio of total amount invested for purchasing raw material from 2013 to 2015 to the total sales of finished goods in 2014, 2016 and 2017 is :

Ans
✗ 1. $56 : 27$

✗ 2. $64 : 37$

✓ 3. $37 : 64$

✗ 4. $27 : 56$

Q.13 Study the following table and answer the question:

Number of students enrolled for Vocational Courses (VC) in five institutes - A, B, C, D & E.

Institute \ Year	2013	2014	2015	2016	2017	2018
A	120	135	130	135	128	140
B	125	132	138	132	135	142
C	125	120	125	138	140	135
D	100	125	122	140	128	138
E	105	110	115	147	130	145

The total number of students enrolled for VC in institutes A, B and D in 2015 is what percent more than the total number of students enrolled in institutes C and E in 2018? (correct to one decimal point)

Ans
✗ 1. 35.7

✗ 2. 36.8

✓ 3. 39.3

✗ 4. 28.2

Q.14 Study the following table and answer the question:

Number of students enrolled for Vocational Courses (VC) in five institutes - A, B, C, D & E.

Year / Institute	2013	2014	2015	2016	2017	2018
A	120	135	130	135	128	140
B	125	132	138	132	135	142
C	125	120	125	138	140	135
D	100	125	122	140	128	138
E	105	110	115	147	130	145

What is the sum of the average number of students enrolled for VC in institute B in 2014, 2015 and 2017 and the average number of students enrolled in institute E in 2013 and 2018?

Ans

✖ 1. 255

✖ 2. 250

✔ 3. 260

✖ 4. 265

Question ID : **81616114092**
Status : **Answered**
Chosen Option : **3**

Q.15 If $\frac{1}{1-\sin\theta} + \frac{1}{1+\sin\theta} = 4\sec\theta$, $0° < \theta < 90°$, then the value of $\cot\theta + \csc\theta$ is :

Ans

✖ 1. $\frac{5\sqrt{3}}{3}$

✖ 2. $3\sqrt{3}$

✔ 3. $\sqrt{3}$

✖ 4. $\frac{4\sqrt{3}}{3}$

Question ID : **81616113886**
Status : **Answered**
Chosen Option : **3**

Q.16 The marked price of an article is ₹180. Renu sells it after 20% discount on its marked price and still gains 25%. The cost price (in ₹) of the article is :

Ans

✖ 1. 120.80

✖ 2. 125.50

✖ 3. 110.80

✔ 4. 115.20

Question ID : **81616113871**
Status : **Answered**
Chosen Option : **4**

Q.17 When x is subtracted from each of the numbers 54, 49, 22 and 21, the numbers so obtained are in proportion. The ratio of $(8x - 25)$ to $(7x - 26)$ is:

Ans
- ✔ 1. $29 : 24$
- ✘ 2. $15 : 13$
- ✘ 3. $27 : 26$
- ✘ 4. $5 : 4$

Question ID : **81616113874**
Status : **Answered**
Chosen Option : **1**

Q.18 If $(2x + y)^3 - (x - 2y)^3 = (x + 3y)[Ax^2 + By^2 + Cxy]$, then what is the value of $(A + 2B + C)$?

Ans
- ✘ 1. 13
- ✘ 2. 7
- ✘ 3. 14
- ✔ 4. 10

Question ID : **81616114182**
Status : **Answered**
Chosen Option : **4**

Q.19 A dealer bought some toys for ₹1800. He sold 40% of these at a loss of 15% and $33\frac{1}{3}$% of the remaining toys at 20% profit. At what percent profit should he sell the remaining toys to earn an overall profit of 10%?

Ans
- ✔ 1. 30%
- ✘ 2. 24%
- ✘ 3. 25%
- ✘ 4. 20%

Question ID : **81616114176**
Status : **Not Answered**
Chosen Option : **--**

Q.20 The bisector of ∠ A in △ ABC meets side BC at D. If AB = 12 cm, AC = 15 cm and BC = 18 cm, then the length of DC is:

Ans
- ✘ 1. 9 cm
- ✘ 2. 6 cm
- ✔ 3. 10 cm
- ✘ 4. 8 cm

Question ID : **81616114187**
Status : **Answered**
Chosen Option : **3**

Q.21 If the 9-digit number $89x64287y$ is divisible by 72, then what is the value of $(3x + 2y)$?

Ans
❌ 1. 30

❌ 2. 25

✅ 3. 28

❌ 4. 31

Q.22 Lucky spends 85% of her income. If her expenditure increases by x %, savings increase by 60% and income increases by 26%, then what is the value of x ?

Ans
❌ 1. 30

❌ 2. 34

❌ 3. 26

✅ 4. 20

Q.23 There are some children in a camp and their average weight is 40 kg. If 5 children with average weight 36 kg join the camp or if 5 children with average weight 43.2 kg leave the camp, the average weight of children in both cases is equal. How many children are there in the camp, initially?

Ans
❌ 1. 35

✅ 2. 45

❌ 3. 40

❌ 4. 50

Q.24 Find the value of $\mathrm{cosec}(60° + A) - \sec(30° - A) + \frac{\mathrm{cosec}\ 49°}{\sec 41°}$.

Ans
❌ 1. 2

❌ 2. -1

❌ 3. 0

✅ 4. 1

Q.25 $ABCD$ is a cyclic quadrilateral in which $\angle A = x°, \angle B = 5y°, \angle C = 2x°$ and $\angle D = y°$. What is the value of $(3x - y)$?

Ans
- ✗ 1. 120
- ✗ 2. 60
- ✗ 3. 90
- ✔ 4. 150

Question ID : **81616113781**
Status : **Answered**
Chosen Option : **4**

Section : **English Comprehension**

Q.1 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 is misleading / to imagine that / computers can think / same like human beings.

Ans
- ✗ 1. computers can think
- ✔ 2. same like human beings
- ✗ 3. It is misleading
- ✗ 4. to imagine that

Question ID : **81616113894**
Status : **Answered**
Chosen Option : **2**

Q.2 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. It is essential for the marketer to study the behaviour of the consumers in order to make better strategic marketing decisions.
B. The study of consumer behaviour is equally important for the non-profit organisations such as governmental agencies, hospitals, NGOs, charitable organisations.
C. Thus, by studying the consumer behaviour before and during purchase helps in production scheduling, designing, pricing, positioning, segmentation, advertising and other promotional activities.
D. If the marketer has complete knowledge about the consumer's likings or disliking, then he can predict the response of the potential customers towards his offerings.

Ans
- ✔ 1. ADCB
- ✗ 2. BCAD
- ✗ 3. CDBA
- ✗ 4. ACBD

Question ID : **81616113906**
Status : **Not Answered**
Chosen Option : **--**

Q.3 **Select the INCORRECTLY spelt word.**

Ans ✗ 1. Deceive

✗ 2. Review

✔ 3. Reciept

✗ 4. Perceive

Question ID : **81616114218**
Status : **Answered**
Chosen Option : **1**

Q.4 **Select the INCORRECTLY spelt word.**

Ans ✗ 1. Impeccable

✔ 2. Incandesent

✗ 3. Impervious

✗ 4. Inconclusive

Question ID : **81616114219**
Status : **Answered**
Chosen Option : **2**

Q.5 **Select the most appropriate synonym of the given word.**

Uncanny

Ans ✗ 1. Plain

✗ 2. Exposed

✔ 3. Mysterious

✗ 4. Unprotected

Question ID : **81616113807**
Status : **Answered**
Chosen Option : **3**

Q.6 **Select the most appropriate meaning of the given idiom.**

A square deal

Ans ✔ 1. A fair agreement

✗ 2. An unfair agreement

✗ 3. A nice decoration

✗ 4. A dishonest transaction

Question ID : **81616113911**
Status : **Answered**
Chosen Option : **2**

Q.7 Select the most appropriate option to fill in the blank.

The invention of fertilisers and insecticides has increased agricultural _____ which is required to feed the swelling population of the world.

Ans ✔ 1. output

✘ 2. product

✘ 3. cargo

✘ 4. goods

Question ID : **81616113817**
Status : **Answered**
Chosen Option : **2**

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

Shimmer

Ans ✘ 1. Quake

✔ 2. Shine

✘ 3. Shake

✘ 4. Shiver

Question ID : **81616113806**
Status : **Answered**
Chosen Option : **4**

Q.9 Select the option that can be used as a one-word substitute for the given group of words.

An incongruous or chaotic mixture

Ans ✘ 1. Harmony

✘ 2. Discord

✔ 3. Cacophony

✘ 4. Melody

Question ID : **81616113914**
Status : **Answered**
Chosen Option : **3**

Q.10 Select the most appropriate meaning of the given idiom.

On edge

Ans ✘ 1. Keeping things safely

✘ 2. Doing exercises regularly

✔ 3. Nervous and unable to relax

✘ 4. Playing a tiring game

Question ID : **81616113912**
Status : **Answered**
Chosen Option : **3**

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

Impoverished

Ans ✖ 1. Needy

✔ 2. Rich

✖ 3. Unlucky

✖ 4. deprived

Question ID : **81616114212**

Status : **Answered**

Chosen Option : **2**

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

Many artisans were <u>almost without any</u> work during the pandemic.

Ans ✔ 1. No substitution

✖ 2. any without almost

✖ 3. without any almost

✖ 4. almost any without

Question ID : **81616113797**

Status : **Answered**

Chosen Option : **1**

Q.13 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. The mouse, however, reached his hole in safety.
B. A bull was bitten by a mouse, and, pained by the wound, tried to capture him.
C. The mouse, peeping out, crept up his flank and, again biting him, retreated to his hole.
D. The bull dug into the walls with his horns until, wearied, he crouched down and slept by the hole.

Ans ✖ 1. DACB

✔ 2. BADC

✖ 3. BCDA

✖ 4. ADBC

Question ID : **81616114208**

Status : **Answered**

Chosen Option : **1**

Q.14 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

Sameer <u>gave very less information</u> to Muneer about the progress of the work.

Ans ✔ 1. gave very little information

✖ 2. No substitution

✖ 3. gave very less informations

✖ 4. give very less information

Question ID : **81616113897**

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 there is no error, select 'No error'.

The balloon flew up / as soon as / the man cutting the string.

Ans   ✗ 1. The balloon flew up

     ✓ 2. the man cutting the string

     ✗ 3. No error

     ✗ 4. as soon as

Q.16 Select the most appropriate ANTONYM of the given word.

Ramify

Ans   ✗ 1. Isolate

     ✗ 2. Divide

     ✓ 3. Unite

     ✗ 4. Insulate

Q.17 Select the option that expresses the given sentence in passive voice.

The armed forces put up an impressive parade on Republic Day.

Ans   ✗ 1. An impressive parade is putting up by the armed forces on Republic Day.

     ✗ 2. An impressive parade was being put up on Republic Day by the armed forces.

     ✓ 3. An impressive parade was put up by the armed forces on Republic Day.

     ✗ 4. An impressive parade have been put up by the armed forces on Republic Day.

Q.18 Select the option that expresses the given sentence in indirect speech.

Kruti asked Gopal, "Have you heard the news about the inauguration of the new bridge?"

Ans   ✗ 1. Kruti asked Gopal if they have heard the news about the inauguration of the new bridge.

     ✗ 2. Kruti asked Gopal if you have hear the news about the inauguration of the new bridge.

     ✓ 3. Kruti asked Gopal if he had heard the news about the inauguration of the new bridge.

     ✗ 4. Kruti asked to Gopal you have heard the news about the inauguration of the new bridge.

Q.19 **Select the most appropriate option to fill in the blank.**

It is said that civilised man has _____ about twenty wild animals.

Ans ✗ 1. stunned

✔ 2. tamed

✗ 3. staggered

✗ 4. amazed

Question ID : **81616113917**

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.**

A family of young birds

Ans ✗ 1. Kids

✔ 2. Brood

✗ 3. Offspring

✗ 4. Litter

Question ID : **81616113913**

Status : **Answered**

Chosen Option : **2**

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 blank.

Waterfalls, sometimes called cataracts, arise from an abrupt steepening of a river channel that causes the flow of water to drop vertically, or nearly so. Waterfalls of small (1)_____ and lesser steepness are called cascades; the (2)_____ is often applied to a series of small falls (3)_____ a river. Still gentler reaches of rivers that nonetheless (4)_____ turbulent flow and white water in response to a local (5)_____ in channel gradient are rapids.

SubQuestion No : 21

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

Ans ✗ 1. peak

✗ 2. growth

✔ 3. height

✗ 4. summit

Question ID : **81616114203**

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 blank.

Waterfalls, sometimes called cataracts, arise from an abrupt steepening of a river channel that causes the flow of water to drop vertically, or nearly so. Waterfalls of small (1)_____ and lesser steepness are called cascades; the (2)_____ is often applied to a series of small falls (3)_____ a river. Still gentler reaches of rivers that nonetheless (4)_____ turbulent flow and white water in response to a local (5)_____ in channel gradient are rapids.

SubQuestion No : 22

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

Ans   ✗ 1. call

    ✔ 2. term

    ✗ 3. idiom

    ✗ 4. example

Question ID : **81616114204**
Status : **Answered**
Chosen Option : **2**

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 blank.

Waterfalls, sometimes called cataracts, arise from an abrupt steepening of a river channel that causes the flow of water to drop vertically, or nearly so. Waterfalls of small (1)_____ and lesser steepness are called cascades; the (2)_____ is often applied to a series of small falls (3)_____ a river. Still gentler reaches of rivers that nonetheless (4)_____ turbulent flow and white water in response to a local (5)_____ in channel gradient are rapids.

SubQuestion No : 23

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

Ans   ✔ 1. along

    ✗ 2. overhead

    ✗ 3. beyond

    ✗ 4. above

Question ID : **81616114205**
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 blank.

Waterfalls, sometimes called cataracts, arise from an abrupt steepening of a river channel that causes the flow of water to drop vertically, or nearly so. Waterfalls of small (1)_____ and lesser steepness are called cascades; the (2)_____ is often applied to a series of small falls (3)_____ a river. Still gentler reaches of rivers that nonetheless (4)_____ turbulent flow and white water in response to a local (5)_____ in channel gradient are rapids.

SubQuestion No : 24

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

Ans   ✗ 1. parade

     ✗ 2. boast

     ✔ 3. exhibit

     ✗ 4. flourish

Question ID : **81616114206**
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 blank.

Waterfalls, sometimes called cataracts, arise from an abrupt steepening of a river channel that causes the flow of water to drop vertically, or nearly so. Waterfalls of small (1)_____ and lesser steepness are called cascades; the (2)_____ is often applied to a series of small falls (3)_____ a river. Still gentler reaches of rivers that nonetheless (4)_____ turbulent flow and white water in response to a local (5)_____ in channel gradient are rapids.

SubQuestion No : 25

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

Ans   ✗ 1. growth

     ✗ 2. proliferation

     ✔ 3. intensification

     ✗ 4. spread

Question ID : **81616114207**
Status : **Answered**
Chosen Option : **4**

Combined Graduate Level Examination 2020 Tier-I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	24/08/2021
Exam Time	9:00 AM - 10:00 AM
Subject	Combined Graduate Level Examination 2020 Tier 1

Section : **General Intelligence and Reasoning**

Q.1 **Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.**

1. Topology
2. Topper
3. Tolerance
4. Together
5. Tomorrow

Ans ✔ 1. 4, 3, 5, 1, 2

✗ 2. 4, 2, 3, 1, 5

✗ 3. 4, 5, 3, 1, 2

✗ 4. 4, 2, 1, 5, 3

Question ID : **81616113011**
Status : **Answered**
Chosen Option : **1**

Q.2 In the following diagram, the circle represents 'rural folk', the triangle represents 'businessmen' and the rectangle represents 'graduates'. Study the diagram carefully and answer the question that follows.
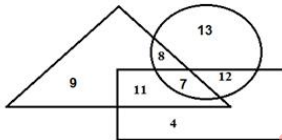
What is the number of rural businessmen, who are NOT graduates?

Ans ✔ 1. 8

✗ 2. 7

✗ 3. 15

✗ 4. 11

Question ID : **81616112529**
Status : **Answered**
Chosen Option : **1**

Q.3 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(12, 14, 143)

Ans ✅ 1. (15, 19, 252)

❌ 2. (12, 18, 246)

❌ 3. (17, 12, 134)

❌ 4. (16, 10, 235)

Question ID : **81616114237**
Status : **Answered**
Chosen Option : **1**

Q.4 Select the option in which the numbers are NOT related in the same way as are the numbers of the following set.

(64, 91, 118)

Ans ✅ 1. (46, 73, 101)

❌ 2. (72, 99, 126)

❌ 3. (48, 75, 102)

❌ 4. (55, 82, 109)

Question ID : **81616112519**
Status : **Answered**
Chosen Option : **2**

Q.5 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

MEND, PHJZ, SKFV, VNBR, ?

Ans ❌ 1. YQZM

✅ 2. YQXN

❌ 3. YJYN

❌ 4. YRXO

Question ID : **81616113010**
Status : **Answered**
Chosen Option : **2**

Q.6 Select the option in which the words share the same relationship as that shared by the given pair of words.

Tintometer : Colour

Ans ❌ 1. Viscometer : Wind

❌ 2. Spirometer : Speed

❌ 3. Planimeter : Pressure

✅ 4. Protractor : Angles

Question ID : **81616113015**
Status : **Answered**
Chosen Option : **4**

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:
All pencils are erasers.
Some sharpeners are pencils.

Conclusions:
I. Some sharpeners are erasers.
II. All pencils are sharpeners.

Ans ✔️ 1. Only conclusion I follows

❌ 2. Both conclusions I and II follow

❌ 3. Neither conclusion I nor II follows

❌ 4. Only conclusion II follows

Q.8 In a certain code language, 'COW' is written as 'ZRF' and 'DOG' is written as 'JRG'. How will 'RAT' be written in that language?

Ans ❌ 1. UDW

❌ 2. VEU

✔️ 3. WDU

❌ 4. XDV

Q.9 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

COGNITIVE | P
          | Q

Ans ❌ 1. ƎVITINGOƆ

❌ 2. COИƆITIΛƎ

❌ 3. COƆИITIΛƎ

✔️ 4. ƎVITINGOƆ

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. RDMI

      ✗ 2. TFKG

      ✔ 3. FHWU

      ✗ 4. JNCQ

Question ID : **81616113012**
Status : **Not Answered**
Chosen Option : **--**

Q.11 Akshar and Manvita recently celebrated their silver wedding anniversary and their older son Sanju's birthday. If the age of Sanju 18 years after his parent's marriage, and his age at their golden anniversary is in the ratio 5 : 21, how many years after their marriage was Sanju born?

Ans   ✗ 1. 10 years

      ✔ 2. 8 years

      ✗ 3. 15 years

      ✗ 4. 12 years

Question ID : **81616113027**
Status : **Not Answered**
Chosen Option : **--**

Q.12 In a certain code language, 'MINT' is coded as '224' and 'FANCY' is coded as '245'. How will 'CONTOUR' be coded in that language?

Ans   ✗ 1. 259

      ✔ 2. 742

      ✗ 3. 597

      ✗ 4. 301

Question ID : **81616114229**
Status : **Answered**
Chosen Option : **2**

Q.13 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

r_vql_mv_lrm_q_rm_ql

Ans   ✔ 1. m, r, q, v, l, v

      ✗ 2. q, r, v, l, v, m

      ✗ 3. l, m, q, r, v, v

      ✗ 4. v, v, q, r, l, m

Question ID : **81616113018**
Status : **Answered**
Chosen Option : **1**

Q.14 Select the cubes that can be formed by folding the given sheet along the lines.
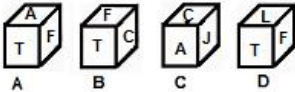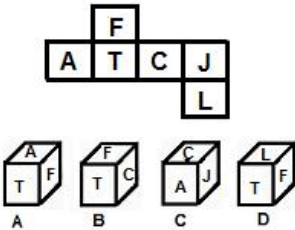
Ans

✔ 1. Only A and B

✘ 2. Only B and C

✘ 3. Only A, B and D

✘ 4. Only A, B and C

Q.15 Select the option figure in which the given figure is embedded (rotation is NOT allowed).

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.
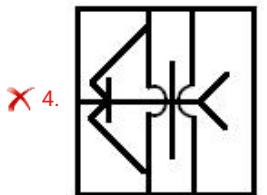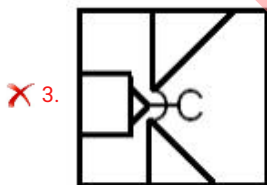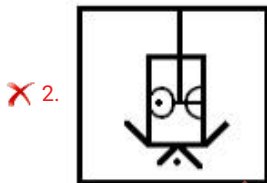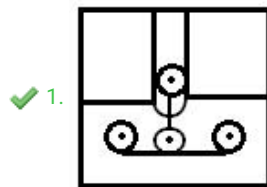
Q.16 Pointing to a baby girl in a cradle, Sripad said, "She is the daughter of my father's mother's only daughter's elder daughter".

How is the baby girl's mother related to Sripad?

Ans ✗ 1. Cousin

✗ 2. Sister-in-law

✓ 3. Aunt

✗ 4. Niece

Question ID : **81616113019**
Status : **Answered**
Chosen Option : **1**

Q.17 Select the option that is related to the third word in the same way as the second word is related to the first word.

Canada : Ottawa :: Cuba : ?

Ans ✗ 1. Oslo

✗ 2. Madrid

✓ 3. Havana

✗ 4. Bern

Question ID : **81616113014**
Status : **Answered**
Chosen Option : **3**

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

Ans ✓ 1. 27 : 82

✗ 2. 28 : 163

✗ 3. 22 : 127

✗ 4. 16 : 91

Question ID : **81616114235**
Status : **Answered**
Chosen Option : **1**

Q.19 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.
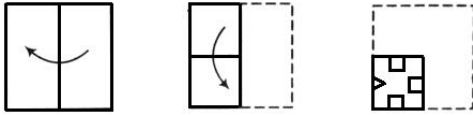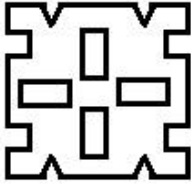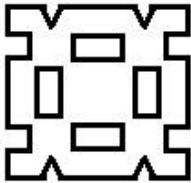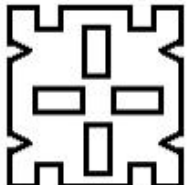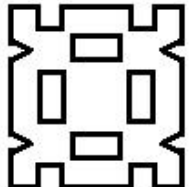
Question ID : **81616113033**
Status : **Answered**
Chosen Option : **4**

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

E	A	A	U	U	I	I	O	
U		I		O		E		?
I	O	O	E	E	A	A	U	
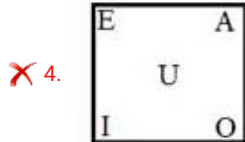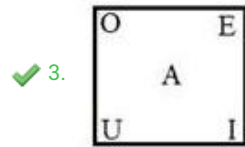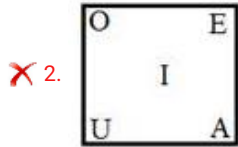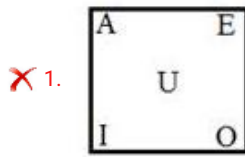
Ans

✗ 1.
A	E
U	
I	O

✗ 2.
O	E
I	
U	A

✔ 3.
O	E
A	
U	I

✗ 4.
E	A
U	
I	O

Q.21 Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different.

Ans ✔ 1. Ecology

✗ 2. Dermatology

✗ 3. Ophthalmology

✗ 4. Myology

Q.22 Which two signs should be interchanged to make the given equation correct?

156 − 13 + 9 × 18 ÷ 5 = 169

Ans ✗ 1. × and ÷

✗ 2. × and −

✗ 3. ÷ and +

✔ 4. ÷ and −

Q.23 How many triangles are there in the given figure?

Ans
✔ 1. 11
✘ 2. 10
✘ 3. 12
✘ 4. 13
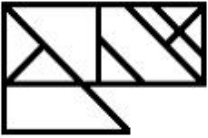
Q.24 Select the number from among the given options that can replace the question mark (?) in the following series.

3, 20, 38, 52, 75, 82, 114, ?

Ans
✘ 1. 118
✘ 2. 104
✔ 3. 110
✘ 4. 101

Q.25 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 : 531 : : 27 : ?

Ans
✘ 1. 656
✘ 2. 573
✔ 3. 731
✘ 4. 802

Section : **General Awareness**

Q.1 'Thullal' is a solo satiric dance form belonging to the state of _____.

Ans ✗ 1. Arunachal Pradesh

✗ 2. Haryana

✓ 3. Kerala

✗ 4. Goa

Question ID : **81616112530**
Status : **Not Answered**
Chosen Option : **--**

Q.2 Who among the following was the first player from the Indian sub-continent to play for a European Football club (Celtic FC)?

Ans ✗ 1. Sailen Manna

✓ 2. Mohammed Salim

✗ 3. Neville D'Souza

✗ 4. Pradeep Kumar Banerjee

Question ID : **81616112551**
Status : **Not Answered**
Chosen Option : **--**

Q.3 An economy in which both, the private sector and the government are involved is known as a/an _____ economy.

Ans ✓ 1. mixed

✗ 2. blended

✗ 3. parallel

✗ 4. amalgam

Question ID : **81616114250**
Status : **Answered**
Chosen Option : **1**

Q.4 As of December 2020, there are _____ official languages of the United Nations.

Ans ✗ 1. 11

✓ 2. 6

✗ 3. 10

✗ 4. 7

Question ID : **81616114265**
Status : **Not Answered**
Chosen Option : **--**

Q.5 Who among the following had invaded India in 712 AD?

Ans ✔ 1. Muhammad Bin-Quasim

✘ 2. Qutub-ud-Din Aibak

✘ 3. Mahmud of Ghazni

✘ 4. Muhammad Ghori

Question ID : **81616113049**

Status : **Not Answered**

Chosen Option : **--**

Q.6 In which of the following countries were the first modern Olympic Games held?

Ans ✘ 1. United Kingdom

✔ 2. Greece

✘ 3. Spain

✘ 4. China

Question ID : **81616113055**

Status : **Not Answered**

Chosen Option : **--**

Q.7 _____ is an economic scenario where a peculiar combination of low growth and rising inflation leads to high unemployment.

Ans ✘ 1. Deflation

✘ 2. Depreciation

✔ 3. Stagflation

✘ 4. Recession

Question ID : **81616113037**

Status : **Answered**

Chosen Option : **4**

Q.8 Who among the following Indian actresses joined the list of Young Global Leaders (YGL) compiled by the World Economic Forum in March 2021?

Ans ✘ 1. Alia Bhatt

✘ 2. Shilpa Shetty

✘ 3. Aishwarya Rai

✔ 4. Deepika Padukone

Question ID : **81616113051**

Status : **Not Answered**

Chosen Option : **--**

Q.9 Who among the following Indian-American scientists was appointed as the acting chief of staff of the US space agency NASA, in February, 2021?

Ans ✗ 1. Shantanu Narayen

✓ 2. Bhavya Lal

✗ 3. Manmohan Attavar

✗ 4. Ramesh Raskar

Question ID : **81616113059**

Status : **Not Answered**

Chosen Option : **--**

Q.10 Which of the following companies announced the launch of India's first virtual academy programme Esports Academy?

Ans ✓ 1. Asus

✗ 2. Jio

✗ 3. Samsung

✗ 4. Dell

Question ID : **81616113058**

Status : **Not Answered**

Chosen Option : **--**

Q.11 In which present day state will you find the Megudi temple?

Ans ✗ 1. Tamil Nadu

✗ 2. Odisha

✓ 3. Karnataka

✗ 4. Kerala

Question ID : **81616112542**

Status : **Not Answered**

Chosen Option : **--**

Q.12 _____ is a sessile animal, that relies upon its relationship with plants like algae to build the largest structures of biological origin on earth.

Ans ✗ 1. Bird

✗ 2. Reptile

✗ 3. Mammal

✓ 4. Coral

Question ID : **81616113043**

Status : **Answered**

Chosen Option : **4**

Q.13 How many brightest stars is the constellation called the Great Bear made up of?

Ans
- ✗ 1. Three
- ✓ 2. Seven
- ✗ 3. Five
- ✗ 4. Nine

Question ID : **81616112534**
Status : **Not Answered**
Chosen Option : **--**

Q.14 A/an _____ is a natural geo-hydrological unit of land, which collects water and drains it through a common point by a system of streams.

Ans
- ✗ 1. warabandi
- ✗ 2. aquifer
- ✓ 3. watershed
- ✗ 4. reservoir

Question ID : **81616113046**
Status : **Not Answered**
Chosen Option : **--**

Q.15 Which of the following places is NOT located on the banks of river Ganga?

Ans
- ✗ 1. Varanasi
- ✓ 2. Hazaribagh
- ✗ 3. Kanpur
- ✗ 4. Phaphamau

Question ID : **81616114256**
Status : **Answered**
Chosen Option : **2**

Q.16 Which Sultan established a separate department (Diwan-i-Amir Kohi) to take care of agriculture?

Ans
- ✗ 1. Khizr Khan
- ✓ 2. Muhammad Bin Tughlaq
- ✗ 3. Tughril Beg
- ✗ 4. Jalal-ud-din Khalji

Question ID : **81616112545**
Status : **Not Answered**
Chosen Option : **--**

Q.17 Which of the following is known as alkaline earth metal?

Ans ✔ 1. Magnesium

✖ 2. Cobalt

✖ 3. Copper

✖ 4. Platinum

Question ID : **81616112537**
Status : **Not Answered**
Chosen Option : **--**

Q.18 Force of attraction between molecules of the same substance is called _____.

Ans ✖ 1. viscosity

✖ 2. surface tension

✖ 3. adhesive force

✔ 4. cohesive force

Question ID : **81616113040**
Status : **Not Answered**
Chosen Option : **--**

Q.19 Through which of the following actions does the lithosphere move over the asthenosphere?

Ans ✖ 1. Continental drift

✔ 2. Plate tectonics

✖ 3. Deposition

✖ 4. Weathering

Question ID : **81616113045**
Status : **Not Answered**
Chosen Option : **--**

Q.20 Prophet Muhammad founded the faith of Islam in the _____ century.

Ans ✖ 1. sixth

✖ 2. eighth

✔ 3. seventh

✖ 4. ninth

Question ID : **81616114260**
Status : **Not Answered**
Chosen Option : **--**

Q.21 Who among the following is one of the founder members of Bhartiya Jana Sangh?

Ans ✖ 1. KM Munshi

✖ 2. Minoo Masani

✖ 3. Baldev Singh

✔ 4. Shyama Prasad Mukherjee

Question ID : **81616113054**
Status : **Not Answered**
Chosen Option : **--**

Q.22 Who among the following is one of the authors of 'The Hitman: The Rohit Sharma Story'?

Ans ✅ 1. G Krishnan

❌ 2. S Hareesh

❌ 3. Sanjana Desai

❌ 4. Anupam Kher

Question ID : **81616113052**

Status : **Not Answered**

Chosen Option : **--**

Q.23 Which of the following states became the first one to launch blockchain-enabled solar power trading in December 2020?

Ans ✅ 1. Uttar Pradesh

❌ 2. Sikkim

❌ 3. Karnataka

❌ 4. Madhya Pradesh

Question ID : **81616113057**

Status : **Not Answered**

Chosen Option : **--**

Q.24 'Ghoomar' is a folk-dance form from the state of _____.

Ans ❌ 1. Tripura

✅ 2. Rajasthan

❌ 3. Bihar

❌ 4. Jharkhand

Question ID : **81616114248**

Status : **Answered**

Chosen Option : **2**

Q.25 Coulomb per second is equivalent to _____.

Ans ❌ 1. ohm

✅ 2. ampere

❌ 3. volt

❌ 4. joule

Question ID : **81616114253**

Status : **Not Answered**

Chosen Option : **--**

Section : **Quantitative Aptitude**

Q.1 If p is the third proportional to 3, 9, then what is the fourth proportional to 6, p, 4?

Ans

✗ 1. $\frac{3}{2}$

✗ 2. $2\sqrt{3}$

✗ 3. 10

✔ 4. 18

Q.2 A train covers 450 km at a uniform speed. If the speed had been 5 km/h more, it would have taken 1 hour less to cover the same distance. How much time will it take to cover 315 km at its usual speed?

Ans

✔ 1. 7 h

✗ 2. 6 h 30 m

✗ 3. 6 h 18 m

✗ 4. 7 h 52 m

Q.3 If $a^4 + b^4 + a^2 b^2 = 273$ and $a^2 + b^2 - ab = 21$, then one of the values of $\left(\frac{1}{a} + \frac{1}{b}\right)$ is:

Ans

✗ 1. $-\frac{9}{4}$

✔ 2. $-\frac{3}{4}$

✗ 3. $\frac{9}{8}$

✗ 4. $\frac{3}{2}$

Q.4 A customer wanted to purchase an item marked for ₹10000. Shopkeeper offered two types of discounts, 25% flat discount or successive discounts of 14% and 12%. Which is the better offer for the customers and by how much?

Ans

✗ 1. second offer by ₹100

✔ 2. first offer by ₹68

✗ 3. second offer by ₹68

✗ 4. first offer by ₹32

Q.5 A sum of ₹9500 amounts to ₹11495 in 2 years at a certain rate percent per annum, interest compounded yearly. What is the simple interest (in ₹) on the same sum for the same time and double the rate?

Ans
✗ 1. 3420

✗ 2. 3990

✔ 3. 3800

✗ 4. 4560

Q.6 Study the following table and answer the question:

Number of students Appeared (A) and Passed (P) in an annual examination from four schools Q, R, S & T in five years (2014 to 2018)

School Year	Q		R		S		T	
	A	P	A	P	A	P	A	P
2014	320	240	400	340	420	273	250	225
2015	400	320	380	285	350	280	300	228
2016	440	286	360	288	330	264	320	256
2017	350	252	420	294	380	247	350	315
2018	375	320	450	405	400	344	375	300

The total number of students passed from school S in 2014 and 2017 is what percent of 90% of the total number of students appeared from school T in 2015, 2016 and 2017? (correct to one decimal place)

Ans
✗ 1. 53.9

✗ 2. 57.4

✗ 3. 54.8

✔ 4. 59.6

Q.7 If $2x+3y+1=0$, then what is the value of $(8x^3+8+27y^3-18xy)$?

Ans
✔ 1. 7

✗ 2. -9

✗ 3. -7

✗ 4. 9

Q.8 The total number of students in a school is 1400, out of which 35% of the students are girls and the rest are boys. If 80% of the boys and 90% of the girls passed in an annual examination, then the percentage of the students who failed is:

Ans

✗ 1. 17.4

✗ 2. 21.5

✗ 3. 15.8

✔ 4. 16.5

Q.9 The average of 23 numbers is 51. The average of first 12 numbers is 49 and the average of last 12 numbers is 54. If the twelfth number is removed, then the average of the remaining numbers (correct to two decimal places) is:

Ans

✔ 1. 50.45

✗ 2. 53.25

✗ 3. 51.75

✗ 4. 52.65

Q.10 A can complete a work in $11\frac{1}{2}$ days. B is 25% more efficient than A and C is 50% efficient than B. Working together A, B and C will complete the same work

Ans

✗ 1. 8 days

✔ 2. 4 days

✗ 3. 3 days

✗ 4. 5 days

Q.11 The area of a table top in the shape of an equilateral triangle is $9\sqrt{3}\ cm^2$. What is the length (in cm) of each side of the table?

Ans

✔ 1. 6

✗ 2. 2

✗ 3. 4

✗ 4. 3

Q.12 Table shows the number of trees planted in 4 cities from 2016 to 2020.

Years	Chandigarh	Ahmadabad	Pune	Kolkata
2016	1800	2500	1800	2000
2017	2500	2300	1850	1800
2018	2300	2400	1840	1760
2019	2440	1950	1900	1600
2020	2250	2100	2000	1750

What is the total number of trees planted in Chandigarh in 2017 and in Kolkata in 2020?

Ans
- ✗ 1. 4750
- ✗ 2. 4500
- ✔ 3. 4250
- ✗ 4. 3550

Question ID : **81616112375**
Status : **Answered**
Chosen Option : **3**

Q.13 Let $\triangle ABC \sim \triangle RPQ$ and $\frac{ar(\triangle ABC)}{ar(\triangle PQR)} = \frac{16}{25}$. If PQ = 4 cm, QR = 6 cm and PR = 7 cm, then AC (in cm) is equal to:

Ans
- ✗ 1. 7.2
- ✗ 2. 6
- ✔ 3. 4.8
- ✗ 4. 3.6

Question ID : **81616113077**
Status : **Answered**
Chosen Option : **3**

Q.14 If $\tan\theta + 3\cot\theta - 2\sqrt{3} = 0$, $0° < \theta < 90°$, then what is the value of $(\csc^2\theta + \cos^2\theta)$?

Ans
- ✔ 1. $\frac{19}{12}$
- ✗ 2. $\frac{2}{3}$
- ✗ 3. $\frac{11}{12}$
- ✗ 4. $\frac{14}{3}$

Question ID : **81616114290**
Status : **Answered**
Chosen Option : **1**

Q.15 The value of $3\frac{1}{5} \div 4\frac{1}{2}$ of $5\frac{1}{3} - \frac{1}{8} \div \frac{1}{2}$ of $\frac{1}{4} + \frac{1}{4}\left(\frac{1}{2} \div \frac{1}{8} \times \frac{1}{4}\right)$ is :

Ans

✔ 1. $-\frac{37}{60}$

✘ 2. $\frac{17}{60}$

✘ 3. $-\frac{17}{60}$

✘ 4. $\frac{37}{60}$

Question ID : **81616113061**
Status : **Answered**
Chosen Option : **1**

Q.16 Study the following table and answer the question:

Number of students Appeared (A) and Passed (P) in an annual examination from four schools Q, R, S & T in five years (2014 to 2018)

School Year	Q		R		S		T	
	A	P	A	P	A	P	A	P
2014	320	240	400	340	420	273	250	225
2015	400	320	380	285	350	280	300	228
2016	440	286	360	288	330	264	320	256
2017	350	252	420	294	380	247	350	315
2018	375	320	450	405	400	344	375	300

The difference between the average number of students passed from school R in 2015 to 2017 and the number of students passed from school Q in 2015 is x . The value of x lies between:

Ans

✘ 1. 35 and 40

✔ 2. 30 and 35

✘ 3. 20 and 25

✘ 4. 25 and 30

Question ID : **81616114294**
Status : **Answered**
Chosen Option : **2**

Q.17 The sum of 3-digit numbers abc, cab and bca is not divisible by:

Ans

✘ 1. a + b + c

✘ 2. 37

✔ 3. 31

✘ 4. 3

Question ID : **81616114272**
Status : **Not Answered**
Chosen Option : **--**

Q.18 In a triangle ABC, length of the side AC is 4 cm more than 2 times the length of the side AB. Length of the side BC is 4 cm less than the three times the length of the side AB. If the perimeter of ΔABC is 60 cm, then its area (in cm^2) is:

Ans

✓ 1. 120

✗ 2. 150

✗ 3. 144

✗ 4. 100

Q.19 Table shows income (in ₹) received by 4 employees of a company during the month of December 2020 and all their income sources.

Source	Amit	Suresh	Nitin	Varun
Salary	35000	38500	29000	42000
Arrears	6000	6300	5000	7500
Bonus	1000	1100	1000	1240
Overtime	1800	1950	1400	1500

What is the ratio of salary of Varun to his income other than salary?

Ans

✓ 1. 525 : 128

✗ 2. 653 : 128

✗ 3. 128 : 653

✗ 4. 128 : 525

Q.20 If $x + \frac{1}{x} = 7$, then $x^2 + \frac{1}{x^2}$ is equal to:

Ans

✓ 1. 47

✗ 2. 49

✗ 3. 61

✗ 4. 51

Q.21 ABCD is a cyclic quadrilateral such that when sides AB and DC are produced, they meet at E, and sides AD and BC meet at F, when produced. If ∠ADE = 80° and ∠AED = 50°, then what is the measure of ∠AFB?

Ans

✓ 1. 30°

✗ 2. 40°

✗ 3. 20°

✗ 4. 50°

Q.22

Simplify $\sec^2 \alpha \left(1 + \dfrac{1}{\text{cosec}\,\alpha}\right)\left(1 - \dfrac{1}{\text{cosec}\,\alpha}\right)$.

Ans ✗ 1. $\tan^4 \alpha$

✗ 2. -1

✓ 3. 1

✗ 4. $\sin^2 \alpha$

Q.23

In $\triangle ABC$, right angled at B, if $\cot A = \dfrac{1}{2}$, then the value of $\dfrac{\sin A\,(\cos C + \cos A)}{\cos C\,(\sin C - \sin A)}$ is

Ans ✓ 1. -3

✗ 2. 2

✗ 3. 3

✗ 4. -2

Q.24 The vertices of a $\triangle$ ABC lie on a circle with centre O. AO is produced to meet the circle at the point P. D is a point on BC such that AD ⊥ BC. If ∠ B = 68° and ∠ C = 52°, then the measure of ∠ DAP is:

Ans ✗ 1. 28°

✓ 2. 16°

✗ 3. 12°

✗ 4. 18°

Q.25 If selling price of 75 articles is equal to cost price of 60 articles, then the approximate loss or gain percent is :

Ans ✓ 1. Loss of 20%

✗ 2. No profit no loss

✗ 3. Profit of 25%

✗ 4. Loss of 30%

Section : **English Comprehension**

Q.1 Select the most appropriate meaning of the given idiom.

The gift of the gab

Ans ✗ 1. Loves to give gifts

✗ 2. Writes very well

✗ 3. Used to grabbing others' gifts

✔ 4. Talks well and persuasively

Question ID : **81616112599**
Status : **Not Answered**
Chosen Option : **--**

Q.2 Select the option that will substitute the underlined part of the given sentence. In case no substitution is needed, select 'No substitution required'.

Japan has made important and original contributions <u>inside some fields like</u> photography and electronics.

Ans ✗ 1. No substitution required

✗ 2. on some field like

✗ 3. for some field like

✔ 4. in some fields like

Question ID : **81616114301**
Status : **Answered**
Chosen Option : **4**

Q.3 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 Committee agreed / that small businesses / has been adversely affected / by COVID-19.

Ans ✔ 1. has been adversely affected

✗ 2. by COVID-19

✗ 3. that small businesses

✗ 4. The Committee agreed

Question ID : **81616114298**
Status : **Answered**
Chosen Option : **1**

Q.4 Select the most appropriate meaning of the given idiom.

Feel at sea

Ans ✗ 1. Feel comfortable while travelling by water

✗ 2. Feel angry

✗ 3. Feel seasick

✔ 4. Feel lost or confused

Question ID : **81616112598**
Status : **Answered**
Chosen Option : **4**

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

A. It is also a rich source of news updates around the world.
B. Older people and children remain glued to it.
C. It has become a great source of entertainment for all.
D. TV has become a powerful medium these days.

Ans ✔️ 1. DBCA

❌ 2. BDCA

❌ 3. ACBD

❌ 4. ABCD

Question ID : **81616113097**
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.

A short rest or sleep taken after lunch

Ans ❌ 1. Leisure

❌ 2. Slumber

✔️ 3. Siesta

❌ 4. Doze

Question ID : **81616114317**
Status : **Answered**
Chosen Option : **4**

Q.7 Select the most appropriate option to fill in the blank.

His _____ of the topic was so good that students had few doubts at the end of the class.

Ans ❌ 1. qualification

❌ 2. picturisation

✔️ 3. exposition

❌ 4. exhibition

Question ID : **81616113110**
Status : **Answered**
Chosen Option : **2**

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'.

A need of an hour is to provide employment to the youth of the country.

Ans ❌ 1. The need of an

❌ 2. The need in an

❌ 3. No improvement required

✔️ 4. The need of the

Question ID : **81616113090**
Status : **Answered**
Chosen Option : **4**

Q.9 Select the most appropriate synonym of the given word.

Leverage

Ans ✘ 1. Suggestion

✘ 2. Conclusion

✔ 3. Influence

✘ 4. Weakness

Question ID : **81616113100**

Status : **Answered**

Chosen Option : **1**

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

Infirm

Ans ✔ 1. Strong

✘ 2. Feeble

✘ 3. Weak

✘ 4. Frail

Question ID : **81616113101**

Status : **Answered**

Chosen Option : **3**

Q.11 Select the option that expresses the given sentence in passive voice.

Richard wore a broad belt with shiny buckles.

Ans ✘ 1. A broad belt with shiny buckles wore Richard.

✔ 2. A broad belt with shiny buckles was worn by Richard.

✘ 3. A broad belt with shiny buckles was wear by Richard.

✘ 4. A broad belt with shiny buckles had been worn by Richard.

Question ID : **81616114299**

Status : **Answered**

Chosen Option : **2**

Q.12 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. "Buy sweet apples, or none at all", he instructed his servant.
B. A rich man sent his servant to an orchard to buy some apples.
C. The servant asked, "How am I to know that all of them are sweet if I taste just one?"
D. The owner of the orchard said to the servant, "All my apples are sweet. Try one."

Ans ✘ 1. ABCD

✘ 2. BDAC

✔ 3. BADC

✘ 4. ACBD

Question ID : **81616112593**

Status : **Answered**

Chosen Option : **3**

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

The lack of regular academic sessions has meant that in 2020 the country has had the
_____ share of students who have attended educational institutions.

Ans   ✗ 1. last

   ✗ 2. lower

   ✗ 3. low

   ✔ 4. lowest

Question ID : **81616114321**
Status : **Answered**
Chosen Option : **4**

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

A corporation made up of a number of different companies that operate in diversified fields

Ans   ✔ 1. Conglomerate

   ✗ 2. Correlation

   ✗ 3. Agreement

   ✗ 4. Association

Question ID : **81616114318**
Status : **Answered**
Chosen Option : **4**

**Q.15 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 food / in the new eatery / is much best than / the one in RK Puram.

Ans   ✗ 1. in the new eatery

   ✔ 2. is much best than

   ✗ 3. the one in RK Puram

   ✗ 4. The food

Question ID : **81616112580**
Status : **Answered**
Chosen Option : **2**

Q.16 Select the most appropriate synonym of the given word.

Integrate

Ans   ✔ 1. Assimilate

   ✗ 2. Distribute

   ✗ 3. Separate

   ✗ 4. Disburse

Question ID : **81616113099**
Status : **Answered**
Chosen Option : **1**

Q.17 Select the option that expresses the given sentence in reported speech.

"I live in Mumbai," she said.

Ans ✗ 1. She says that she was living in Mumbai.

✗ 2. She said that she had been living in Mumbai.

✗ 3. She said that she has been living in Mumbai.

✔ 4. She said that she lived in Mumbai.

Question ID : **81616113088**
Status : **Answered**
Chosen Option : **4**

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

Sprightly

Ans ✗ 1. Lively

✗ 2. Active

✗ 3. Energetic

✔ 4. Lethargic

Question ID : **81616112597**
Status : **Not Answered**
Chosen Option : **--**

Q.19 Select the INCORRECTLY spelt word.

Ans ✗ 1. Boasting

✗ 2. Ascetic

✔ 3. Overide

✗ 4. Evidence

Question ID : **81616113107**
Status : **Answered**
Chosen Option : **3**

Q.20 Select the INCORRECTLY spelt word.

Ans ✗ 1. Chandelier

✗ 2. Haphazard

✗ 3. Aesthetic

✔ 4. Licenced

Question ID : **81616113108**
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 blank.

Smoking causes mutation in cells leading to cancer. Quitting smoking can help reverse the (1)_____ risk; and it can replenish cells that actually (2)_____ those of a person who has never smoked. The (3)_____ you smoke the more mutations you have. The (4)_____ damage to the cells lining the airway and lungs can (5)_____ to cancers in the lungs, oesophagus, larynx and pharynx.

SubQuestion No : 21

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

Ans ✗ 1. factual

✗ 2. impossible

✗ 3. nominal

✔ 4. potential

Question ID : **81616113092**
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 blank.

Smoking causes mutation in cells leading to cancer. Quitting smoking can help reverse the (1)_____ risk; and it can replenish cells that actually (2)_____ those of a person who has never smoked. The (3)_____ you smoke the more mutations you have. The (4)_____ damage to the cells lining the airway and lungs can (5)_____ to cancers in the lungs, oesophagus, larynx and pharynx.

SubQuestion No : 22

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

Ans ✗ 1. differ

✔ 2. resemble

✗ 3. disagree

✗ 4. identify

Question ID : **81616113093**
Status : **Answered**
Chosen Option : **2**

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 blank.

Smoking causes mutation in cells leading to cancer. Quitting smoking can help reverse the (1)_____ risk; and it can replenish cells that actually (2)_____ those of a person who has never smoked. The (3)_____ you smoke the more mutations you have. The (4)_____ damage to the cells lining the airway and lungs can (5)_____ to cancers in the lungs, oesophagus, larynx and pharynx.

SubQuestion No : 23

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

Ans　✗ 1. most

　　　✗ 2. many

　　　✗ 3. much

　　　✔ 4. more

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 blank.

Smoking causes mutation in cells leading to cancer. Quitting smoking can help reverse the (1)_____ risk; and it can replenish cells that actually (2)_____ those of a person who has never smoked. The (3)_____ you smoke the more mutations you have. The (4)_____ damage to the cells lining the airway and lungs can (5)_____ to cancers in the lungs, oesophagus, larynx and pharynx.

SubQuestion No : 24

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

Ans　✗ 1. stable

　　　✔ 2. constant

　　　✗ 3. incomplete

　　　✗ 4. broken

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 blank.

Smoking causes mutation in cells leading to cancer. Quitting smoking can help reverse the (1)_____ risk; and it can replenish cells that actually (2)_____ those of a person who has never smoked. The (3)_____ you smoke the more mutations you have. The (4)_____ damage to the cells lining the airway and lungs can (5)_____ to cancers in the lungs, oesophagus, larynx and pharynx.

SubQuestion No : 25

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

Ans ✔ 1. lead

✘ 2. guide

✘ 3. seize

✘ 4. direct

Question ID : **81616113096**
Status : **Answered**
Chosen Option : **1**

Combined Graduate Level Examination 2020 Tier-I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	24/08/2021
Exam Time	12:00 PM - 1:00 PM
Subject	Combined Graduate Level Examination 2020 Tier 1

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.

9 : 91 : : 13 : ?

Ans　✗ 1. 203

　　　✗ 2. 99

　　　✔ 3. 183

　　　✗ 4. 132

Question ID : **81616112618**
Status : **Answered**
Chosen Option : **1**

Q.2 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

ROAD, SMDZ, TKGV, UIJR, ?

Ans　✗ 1. VHON

　　　✗ 2. VHNO

　　　✗ 3. VFNM

　　　✔ 4. VGMN

Question ID : **81616112909**
Status : **Answered**
Chosen Option : **4**

Q.3 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(59, 118, 295)

Ans　✗ 1. (10, 20, 37)

　　　✗ 2. (15, 34, 45)

　　　✔ 3. (17, 34, 85)

　　　✗ 4. (9, 20, 25)

Question ID : **81616112520**
Status : **Answered**
Chosen Option : **3**

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. HDA

✗ 2. LHE

✗ 3. PLI

✓ 4. WRO

Question ID : **81616112608**
Status : **Answered**
Chosen Option : **4**

Q.5 In a certain code language, 'RITU' is written as 'WLYX' and 'AMAN' is written as 'FPFQ'. How will 'MIRA' be written in that language?

Ans ✗ 1. PNWF

✓ 2. RLWD

✗ 3. RNWF

✗ 4. PLUD

Question ID : **81616112612**
Status : **Answered**
Chosen Option : **2**

Q.6 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

EXPERIENCE | P
            | Q

Ans ✓ 1.

✗ 2.

✗ 3.

✗ 4.

Question ID : **81616112931**
Status : **Answered**
Chosen Option : **1**

Q.7 In the given diagram, the circle represents 'graduates', the triangle represents 'employed people' and the rectangle represents 'rural folk'. Study the diagram carefully and answer the question that follows.
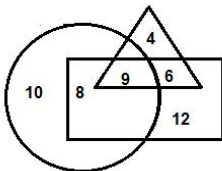
What is the number of rural unemployed graduates?

Ans ✗ 1. 9

✗ 2. 6

✓ 3. 8

✗ 4. 12

Question ID : **81616112630**
Status : **Answered**
Chosen Option : **3**

Q.8 In a certain code language, 'ONE' is coded as '15-28-15' and 'TWO' is coded as '20-46-45'. How will 'SIX' be coded in that language?

Ans ✗ 1. 38-18-48

✗ 2. 19-9-24

✓ 3. 19-18-72

✗ 4. 38-9-72

Question ID : **81616112512**
Status : **Answered**
Chosen Option : **3**

Q.9 Select the option in which the words share the same relationship as that shared by the given pair of words.

Tissues : Histology

Ans ✗ 1. Shells : Ornithology

✗ 2. Mountains : Onomatology

✗ 3. Insects : Malacology

✓ 4. Amphibians : Herpetology

Question ID : **81616112914**
Status : **Answered**
Chosen Option : **4**

Q.10 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

qpl_r_plt_qp_trq_l_r

Ans ✓ 1. t, q, r, l, p, t

✗ 2. q, p, r, t, l, p

✗ 3. q, r, l, t, p, p

✗ 4. p, t, r, q, t, l

Question ID : **81616112917**
Status : **Answered**
Chosen Option : **1**

Q.11 Out of three numbers, the ratio of the first and the second numbers is 3 : 4 and the ratio of the second and the third numbers is 5 : 6. If the difference between the first and the third numbers is 1125, find the average of the second and third numbers.

Ans ✗ 1. 2570

✗ 2. 2075

✗ 3. 2507

✓ 4. 2750

Question ID : **81616112926**
Status : **Answered**
Chosen Option : **4**

Q.12 Select the number-pair in which the two numbers share a different relationship from that shared by the two numbers in the rest of the number-pairs.

Ans ✔ 1. (36, 353)

✘ 2. (49, 512)

✘ 3. (64, 729)

✘ 4. (25, 216)

Question ID : **81616112518**
Status : **Answered**
Chosen Option : **1**

Q.13 Select the figure that will replace the question mark (?) in the following figure series.

Ans

✘ 1.

✘ 2.

✔ 3.

✘ 4.
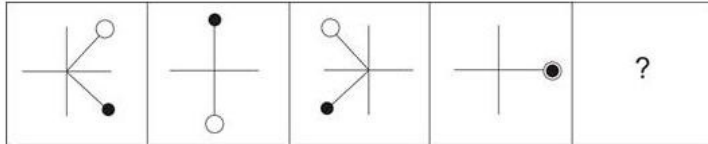
Question ID : **81616112624**
Status : **Answered**
Chosen Option : **3**

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

4096, 1024, 256, 64, ?

Ans ✗ 1. 30

✓ 2. 16

✗ 3. 8

✗ 4. 28

Question ID : **81616112617**

Status : **Answered**

Chosen Option : **2**

Q.15 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 tractors are cars.
Some scooters are cars.
All scooters are cycles.

Conclusions:
I. All scooters are cars.
II. Some cars are cycles.
III. Some tractors are cycles.
IV. Some tractors are scooters.

Ans ✗ 1. Neither conclusion I nor II follows

✓ 2. Only conclusion II follows

✗ 3. Only conclusion I follows

✗ 4. Both conclusions I and II follow

Question ID : **81616112616**

Status : **Answered**

Chosen Option : **2**

Q.16 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(12, 60, 84)

Ans ✗ 1. (15, 85, 105)

✓ 2. (16, 80, 112)

✗ 3. (13, 65, 81)

✗ 4. (14, 75, 98)

Question ID : **81616112620**

Status : **Answered**

Chosen Option : **2**

Q.17 Guna is the son of Shyamala. Hemanth is the father of Manu. Guna is married to Deepa. Guna and Manu are siblings. Prathik is the brother of Deepa. Shyamala has only one son. Roshan is the son of Guna. Prathik is the father of Kalki. Jatin is the son of Manu. Prathik has no daughters.

How is Hemanth related to Roshan's father?

Ans ✗ 1. Brother

✔ 2. Father

✗ 3. Grandfather

✗ 4. Brother-in-law

Question ID : **81616112918**

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

Chosen Option : **--**

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

Ans ✗ 1. Microphone

✗ 2. Webcam

✗ 3. Keyboard

✔ 4. Plotter

Question ID : **81616112508**

Status : **Answered**

Chosen Option : **4**

Q.19 Two different positions of the same dice are shown, the faces of which are marked with the letters p, q, r, s, t and u.
Select the letter that will be on the face opposite to the face having the letter 'q'.
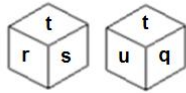
Ans ✗ 1. r

✔ 2. s

✗ 3. u

✗ 4. p

Question ID : **81616112525**

Status : **Answered**

Chosen Option : **2**

Q.20 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.
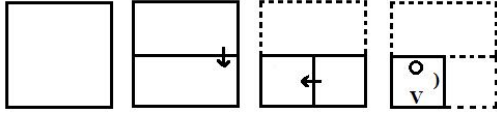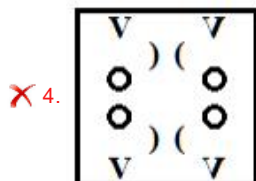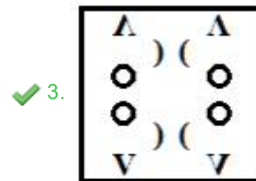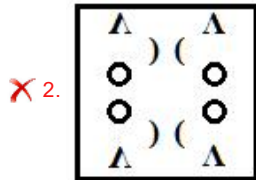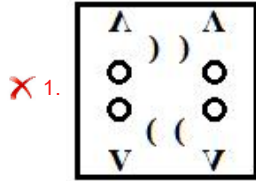
Question ID : **81616112932**
Status : **Answered**
Chosen Option : **3**

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.

Uttar Pradesh : Allahabad High Court : : Bihar : ?

Ans ✗ 1. Nalanda High Court

✗ 2. Gaya High Court

✔ 3. Patna High Court

✗ 4. Darbhanga High Court

Question ID : **81616112610**
Status : **Answered**
Chosen Option : **3**

Q.22 Select the option figure in which the given figure is embedded (rotation is NOT allowed).

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.
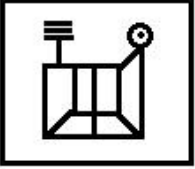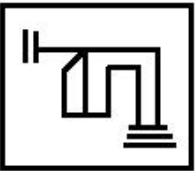
Question ID : **81616112930**
Status : **Answered**
Chosen Option : **1**

Q.23 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Interchangeable
2. Independent
3. Intentional
4. Interesting
5. Interactive

Ans ✘ 1. 3, 5, 2, 4, 1

✔ 2. 2, 3, 5, 1,4

✘ 3. 1, 2, 3, 4, 5

✘ 4. 2, 5, 1, 4, 3

Question ID : **81616112607**
Status : **Answered**
Chosen Option : **2**

Q.24 Select the correct combination of mathematical signs that can sequentially replace the
* signs and make the equation correct.

135 * 15 * 3 * 2 * 13 *16

Ans ✗ 1. +, ÷, −, =, ×

     ✗ 2. =, ×, +, ÷, −

     ✓ 3. ÷, ×, +, −, =

     ✗ 4. ×, +, =, ÷, −

Question ID : **81616112521**
Status : **Answered**
Chosen Option : **3**

Q.25 How many triangles are there in the given figure?
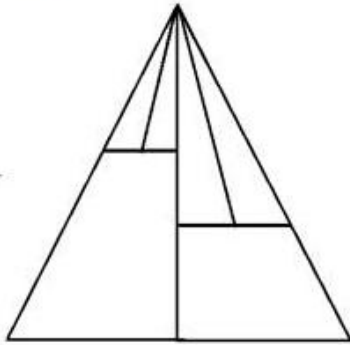
Ans ✓ 1. 9

     ✗ 2. 10

     ✗ 3. 11

     ✗ 4. 12

Question ID : **81616112524**
Status : **Answered**
Chosen Option : **1**

Section : **General Awareness**

Q.1 When is the National Voters Day observed by the Election Commission of India?

Ans ✗ 1. 6 May

     ✗ 2. 26 June

     ✗ 3. 15 August

     ✓ 4. 25 January

Question ID : **81616112953**
Status : **Not Attempted and Marked For Review**
Chosen Option : --

Q.2 Reserve Bank of India became the first central bank in the world to have more than one million followers on _____ in November 2020.

Ans ✗ 1. Facebook

✓ 2. Twitter

✗ 3. Snapchat

✗ 4. Instagram

Question ID : **81616112653**
Status : **Answered**
Chosen Option : **2**

Q.3 Who among the following developed the Polio vaccine?

Ans ✗ 1. Edward Jenner

✓ 2. Jonas Salk

✗ 3. FG Hopkins

✗ 4. Robert Koch

Question ID : **81616112942**
Status : **Answered**
Chosen Option : **1**

Q.4 Hima Das is an Indian _____.

Ans ✗ 1. boxer

✗ 2. swimmer

✓ 3. sprinter

✗ 4. cricketer

Question ID : **81616112652**
Status : **Answered**
Chosen Option : **3**

Q.5 The birth anniversary of _____ was observed as 'Rashtriya Ekta Diwas' (National Unity Day) on 31st October 2020.

Ans ✗ 1. Jawaharlal Nehru

✗ 2. Rajendra Prasad

✓ 3. Sardar Vallabhbhai Patel

✗ 4. Indira Gandhi

Question ID : **81616112655**
Status : **Answered**
Chosen Option : **3**

Q.6 When was the flagship scheme of Skill India Mission launched in India?

Ans ✗ 1. 2019

✗ 2. 2008

✓ 3. 2015

✗ 4. 2010

Question ID : **81616112936**
Status : **Answered**
Chosen Option : **1**

Q.7 Yashovigraha, Mahichandra and Chandradeva were the first three rulers of _____ dynasty.

Ans ✗ 1. Maratha

✗ 2. Chauhans

✓ 3. Gahadavala

✗ 4. Wadiyar

Question ID : **81616112543**
Status : **Marked For Review**
Chosen Option : **4**

Q.8 A saturated geological unit which can yield water to the wells at a sufficient rate to support a well is called _____.

Ans ✗ 1. karst

✗ 2. estuary

✗ 3. reservoir

✓ 4. aquifer

Question ID : **81616112944**
Status : **Marked For Review**
Chosen Option : **2**

Q.9 Which of the following is a cattle fair celebrated in the state of Himachal Pradesh?

Ans ✗ 1. Doongri Festival

✗ 2. Manimahesh Fair

✗ 3. Ashwin Mela

✓ 4. Nalwari Fair

Question ID : **81616112631**
Status : **Marked For Review**
Chosen Option : **3**

Q.10 In which year were the Fundamental Duties of citizens added to the Constitution of India by the 42nd Amendment?

Ans ✗ 1. 1950

✓ 2. 1976

✗ 3. 1982

✗ 4. 1964

Question ID : **81616112548**
Status : **Answered**
Chosen Option : **2**

Q.11 According to the 2011 Census of India, which of the following is the second most populous state in the country?

Ans ✗ 1. Gujarat

✓ 2. Maharashtra

✗ 3. Madhya Pradesh

✗ 4. Rajasthan

Question ID : **81616112539**
Status : **Answered**
Chosen Option : **2**

Q.12 Who authored the book 'Reporting India: My Seventy-Year Journey as a Journalist'?

Ans ✗ 1. Khushwant Singh

✗ 2. Anjan Sundaram

✗ 3. Chetan Bhagat

✓ 4. Prem Prakash

Question ID : **81616112951**
Status : **Not Answered**
Chosen Option : **--**

Q.13 Swami Vivekananda championed the supremacy of Vedantic philosophy in the Chicago (The US) Conference of World Religions held in the year _____.

Ans ✗ 1. 1878

✓ 2. 1893

✗ 3. 1884

✗ 4. 1898

Question ID : **81616112646**
Status : **Answered**
Chosen Option : **2**

Q.14 Who founded the Vikramshila University and revived the Nalanda University?

Ans ✓ 1. Dharampala

✗ 2. Vasudeva

✗ 3. Gopala

✗ 4. Shri Gupta

Question ID : **81616112948**
Status : **Answered**
Chosen Option : **1**

Q.15 Which of the following states of India has the maximum number of inhabited villages as per Census 2011?

Ans ✗ 1. Odisha

✓ 2. Bihar

✗ 3. Madhya Pradesh

✗ 4. West Bengal

Question ID : **81616112642**
Status : **Answered**
Chosen Option : **2**

Q.16 What do you call a proportionate saving in costs gained by an increased level of production?

Ans ✗ 1. Isocost

✗ 2. Isoquant

✓ 3. Economies of scale

✗ 4. Production function

Question ID : **81616112533**
Status : **Not Answered**
Chosen Option : **--**

Q.17 Who among the following cricketers is a left-arm pace bowler?

Ans ✅ 1. Ashish Nehra

❌ 2. Ishant Sharma

❌ 3. Bhuvneshwar Kumar

❌ 4. Umesh Yadav

Question ID : **81616112651**

Status : **Answered**

Chosen Option : **1**

Q.18 Ghiyas-ud-din Tughlaq was the governor of _____ during the reign of Ala-ud-din Khilji.

Ans ❌ 1. Rajasthan

✅ 2. Punjab

❌ 3. Kashmir

❌ 4. Bengal

Question ID : **81616112643**

Status : **Answered**

Chosen Option : **4**

Q.19 _____ is used to measure the pressure inside the eyes of a person.

Ans ✅ 1. Tonometer

❌ 2. Machmeter

❌ 3. Odometer

❌ 4. Viscometer

Question ID : **81616112636**

Status : **Marked For Review**

Chosen Option : **1**

Q.20 Which of the following is the common name of a natural admixture mineral of zinc carbonate and hydrous zinc silicate?

Ans ❌ 1. Chalk

❌ 2. Borax

✅ 3. Calamine

❌ 4. Benzol

Question ID : **81616112536**

Status : **Not Answered**

Chosen Option : **--**

Q.21 In terms of SI prefixes $10^{(-15)}$ is called:

Ans ❌ 1. Yocto

❌ 2. Zepto

❌ 3. Atto

✅ 4. Femto

Question ID : **81616112638**

Status : **Answered**

Chosen Option : **4**

Q.22 Who among the following is the author of the book 'Sea of Poppies'?

Ans ✔ 1. Amitav Ghosh

✘ 2. Salman Rushdie

✘ 3. Rohinton Mistry

✘ 4. Vikram Chandra

Question ID : **81616112647**
Status : **Answered**
Chosen Option : **3**

Q.23 'Chinkara' is a _____ musical instrument popular in the state of Madhya Pradesh.

Ans ✘ 1. plate

✘ 2. membrane

✔ 3. stringed

✘ 4. wind

Question ID : **81616112531**
Status : **Not Answered**
Chosen Option : **--**

Q.24 Who among the following has been appointed as the chairman of the Somnath Temple trust in Gujarat in January 2021?

Ans ✘ 1. Amitabh Bachchan

✘ 2. Amit Shah

✘ 3. Rajeev Arora

✔ 4. Narendra Modi

Question ID : **81616112957**
Status : **Answered**
Chosen Option : **4**

Q.25 Which of the following is the other name for 'Marsh Gas'?

Ans ✔ 1. Methane

✘ 2. Propane

✘ 3. Ethane

✘ 4. Butane

Question ID : **81616112635**
Status : **Answered**
Chosen Option : **1**

Section : **Quantitative Aptitude**

Q.1 Points A, B and C are on a circle with centre O such that $\angle BOC = 84°$. If AC is produced to a point D such that $\angle BDC = 40°$, then find the measure of $\angle ABD$ (in degrees).

Ans ✘ 1. 92

✘ 2. 102

✘ 3. 56

✔ 4. 98

Question ID : **81616112973**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.2 Avinash has 20% less coins of different countries than Gaurav has. Gaurav has 40% more such coins than Chetan has. By what percent the number of coins which Chetan has is less than the number of coins which Avinash has? (correct to one decimal place)

Ans
✗ 1. 10.6

✗ 2. 10.5

✗ 3. 12

✔ 4. 10.7

Question ID : **81616112559**
Status : **Answered**
Chosen Option : **3**

Q.3 Simplify the following expression.

$$\frac{5\left(a^6-b^6\right)^3+5\left(b^6-c^6\right)^3+5\left(c^6-a^6\right)^3}{2\left(a^3-b^3\right)^3+2\left(b^3-c^3\right)^3+2\left(c^3-a^3\right)^3}$$

Ans
✔ 1. $\frac{5}{2}\left(a^3+b^3\right)\left(b^3+c^3\right)\left(c^3+a^3\right)$

✗ 2. $\frac{5}{2}\left(a^3+b^3\right)\left(b^3-c^3\right)\left(c^3-a^3\right)$

✗ 3. $\frac{5}{2}\left(a^3-b^3\right)\left(b^3+c^3\right)\left(c^3+a^3\right)$

✗ 4. $\frac{5}{2}\left(a^3-b^3\right)\left(b^3-c^3\right)\left(c^3+a^3\right)$

Question ID : **81616112568**
Status : **Not Answered**
Chosen Option : **--**

Q.4 A man walking at a speed of 3km/h crosses a square field diagonally in 5 minutes. What is the area of the field (in m²) ?

Ans
✗ 1. 3125

✔ 2. 31250

✗ 3. 3.125

✗ 4. 312.5

Question ID : **81616112969**
Status : **Answered**
Chosen Option : **3**

Q.5 The value of $\frac{sec^2 60°\cos^2 45°+cosec^2 30°}{cot30° \, sec^2 45°- \, cosec^2 30° tan45°}$ is:

Ans
✗ 1. $3(2-\sqrt{3})$

✗ 2. $-3(2-\sqrt{3})$

✗ 3. $3(2+\sqrt{3})$

✔ 4. $-3(2+\sqrt{3})$

Question ID : **81616113484**
Status : **Answered**
Chosen Option : **1**

Q.6 Places A and B are 45 km apart from each other. A car starts from place A and another car starts from place B at the same time. If they move in the same direction, they meet in 4 and a half hour and if they move towards each other, they meet in 27 minutes. What is the speed (in km/h) of the car which moves faster?

Ans
✖ 1. 50

✖ 2. 45

✔ 3. 55

✖ 4. 56

Question ID : **81616112665**
Status : **Answered**
Chosen Option : **3**

Q.7 The data given in the table shows the number of boys and girls enrolled in three different streams in a school over 5 years.

years	Arts		Science		Commerce	
	Boys	Girls	Boys	Girls	Boys	Girls
2012	48	36	40	35	35	45
2014	42	43	42	32	32	42
2016	45	42	38	30	36	38
2018	39	46	41	23	28	34
2020	36	43	39	30	39	41

What is the ratio of the total number of boys in the year 2014 to the total number of girls in the year 2020?

Ans
✖ 1. 1 : 1

✔ 2. 58 : 57

✖ 3. 55 : 57

✖ 4. 58 : 53

Question ID : **81616112477**
Status : **Answered**
Chosen Option : **2**

Q.8 Simplify the following expression:

$$\frac{7}{12} \div \frac{1}{10} \text{ of } \frac{2}{3} - \frac{5}{3} \times \frac{9}{10} + \frac{5}{8} \div \frac{3}{4} \text{ of } \frac{2}{3}$$

Ans
✖ 1. -4

✔ 2. $8\frac{1}{2}$

✖ 3. $3\frac{23}{36}$

✖ 4. $7\frac{29}{36}$

Question ID : **81616112657**
Status : **Answered**
Chosen Option : **2**

Q.9 If $y = 2x + 1$, then what is the value of $\left(8x^3 - y^3 + 6xy\right)$?

Ans ✗ 1. -15

✗ 2. 1

✔ 3. -1

✗ 4. 15

Question ID : 81616112668
Status : **Answered**
Chosen Option : **3**

Q.10 Find the sum of all the possible values of (a + b), so that the number 4a067b is divisible by 11.

Ans ✗ 1. 5

✗ 2. 16

✔ 3. 21

✗ 4. 11

Question ID : 81616112555
Status : **Answered**
Chosen Option : **3**

Q.11 A shop keeper sold an article at four-fifth of the marked price and suffered a loss of $3\frac{1}{3}\%$. Find the profit percent, if he sold the article at the marked price. (correct to nearest integer)

Ans ✗ 1. 20

✗ 2. 22

✗ 3. 18

✔ 4. 21

Question ID : 81616112661
Status : **Not Answered**
Chosen Option : **--**

Q.12 The pie graph shows the distribution of employees working in five departments A, B, C, D and E of a company.

Total number of employees = 9000

Distribution (degree wise) of the employees working in five departments A,B,C,D and E in a company
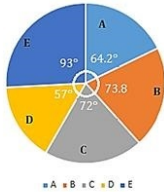
If the number of employees working in department A is x and the total number of employees working in departments C and E is y, then the value of y-2x is:

Ans ✔ 1. 915

✗ 2. 850

✗ 3. 725

✗ 4. 1000

Question ID : 81616113487
Status : **Answered**
Chosen Option : **1**

Q.13 What is the product of the average of first ten positive odd numbers and the average of first fifteen positive even numbers?

Ans ✗ 1. 85.25

✗ 2. 44

✓ 3. 160

✗ 4. 150

Question ID : **81616112961**

Status : **Marked For Review**

Chosen Option : **3**

Q.14 Find the value of $\sin^2 60° + \cos^2 30° - \sin^2 45° - 3\sin^2 90°$.

Ans ✗ 1. $-1\frac{3}{4}$

✗ 2. $-2\frac{1}{2}$

✗ 3. $\frac{1}{3}$

✓ 4. -2

Question ID : **81616112575**

Status : **Answered**

Chosen Option : **4**

Q.15 Eighteen men can complete a work in 14 days. Three women do as much work as two men. Five men and six women started the work and continued for 4 days. Subsequently 3 more men joined the group. In how many total days was the work completed?

Ans ✗ 1. $21\frac{1}{3}$

✗ 2. $17\frac{1}{3}$

✗ 3. 18

✓ 4. 22

Question ID : **81616112563**

Status : **Not Answered**

Chosen Option : **--**
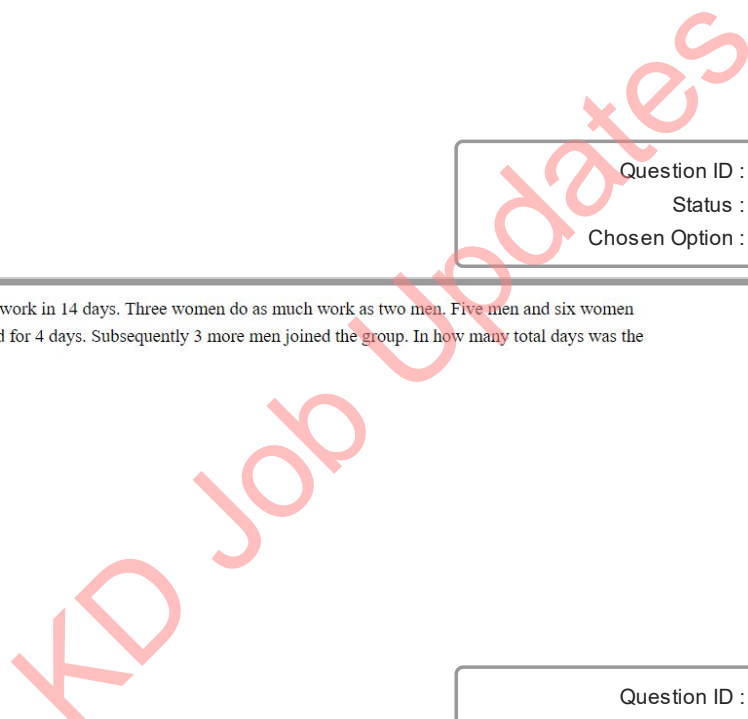
Q.16 The bar graph given below shows the sales of Newspapers (in lakh number) from six branches of a Media Publication Company during two consecutive years 2017 and 2018.

(Note: The data shown below is only for mathematical exercise. They do not represent the actual figures).

Sales of Newspapers (in thousand numbers) from Six Branches - P, Q, R, S, T and U of a Media Publishing Company in 2017 and 2018.
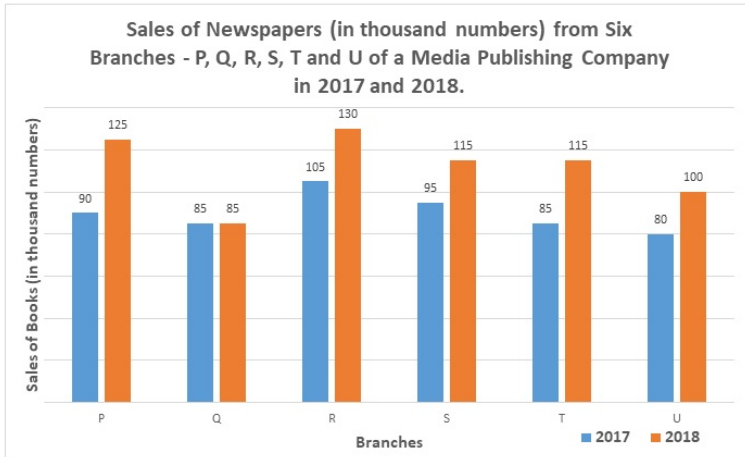
Total Sales of U for both the years is what percent (correct to one place of decimal) of the combined Sales of the branches Q and R for 2017 and 2018?

Ans ✗ 1. 41.0%

✗ 2. 48.6%

✗ 3. 67.1%

✔ 4. 44.4%

Question ID : **81616112475**
Status : **Answered**
Chosen Option : **4**

Q.17 In a circle with centre O, AB is a chord of length 10 cm. Tangents at points A and B intersect outside the circle at P. If OP = 2 OA, then find the length (in cm) of AP.

Ans ✔ 1. 10

✗ 2. 12

✗ 3. 12.5

✗ 4. 15

Question ID : **81616112570**
Status : **Answered**
Chosen Option : **1**

Q.18

If $\sin^2 \theta = 2\sin \theta - 1,\ 0° \leq \theta \leq 90°,$ then find the value of: $\dfrac{1+\operatorname{cosec}\theta}{1-\cos\theta}$.

Ans ✗ 1. -1

✗ 2. 1

✔ 3. 2

✗ 4. -2

Question ID : **81616112573**
Status : **Answered**
Chosen Option : **3**

Q.19 Trader A gives a single discount of 25% and Trader B gives two successive discounts of 20% and 5% on an identical item. If the discount given by A is ₹320 more than the discount given by B, then what is the marked price (in ₹) of the item?

Ans ✔ 1. 32000

✘ 2. 30000

✘ 3. 25000

✘ 4. 3200

Question ID : **81616112659**
Status : **Answered**
Chosen Option : **1**

Q.20 If $x - \dfrac{2}{x} = 15$, then what is the value of $\left(x^2 + \dfrac{4}{x^2}\right)$?

Ans ✘ 1. 227

✘ 2. 221

✘ 3. 223

✔ 4. 229

Question ID : **81616112667**
Status : **Answered**
Chosen Option : **4**

Q.21 Points M and N are on the sides PQ and QR respectively of a triangle PQR, right angled at Q. If PN = 9 cm, MR = 7 cm, and MN = 3 cm, then find the length of PR (in cm).

Ans ✘ 1. 13

✔ 2. 11

✘ 3. 12

✘ 4. $\sqrt{41}$

Question ID : **81616112976**
Status : **Not Answered**
Chosen Option : **--**

Q.22 Bar graph shows the number of males and females in five organizations A, B, C, D and E.

Number of Male and Female in different Organisations
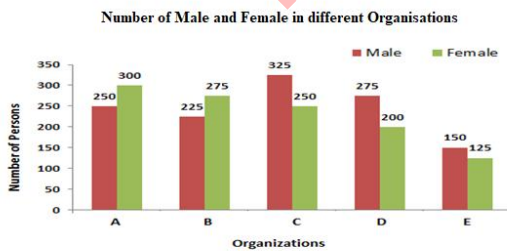
What is the ratio of number of males working in organizations C, D and E taken together to that of females working in organizations A, B and C taken together?

Ans ✘ 1. 11 : 10

✔ 2. 10 : 11

✘ 3. 46 : 49

✘ 4. 49 : 46

Question ID : **81616113485**
Status : **Answered**
Chosen Option : **2**

Q.23 Atul borrowed a sum of ₹12000 and agreed to repay it by paying ₹4800 at the end of first year and ₹9240 at the end of second year. What is the rate of compound interest compounded annually?

Ans ✔ 1. 10%

✗ 2. 12%

✗ 3. $\frac{8}{5}$%

✗ 4. 8%

Question ID : 81616112562
Status : **Answered**
Chosen Option : **1**

Q.24 In $\triangle ABC$ and $\triangle DEF$, we have $\frac{AB}{DF} = \frac{BC}{DE} = \frac{AC}{EF}$, then which of the following is true?

Ans ✗ 1. $\triangle DEF \sim \triangle ABC$

✔ 2. $\triangle BCA \sim \triangle DEF$

✗ 3. $\triangle CAB \sim \triangle DEF$

✗ 4. $\triangle DEF \sim \triangle BAC$

Question ID : 81616112672
Status : **Answered**
Chosen Option : **2**

Q.25 Monthly salaries of Anil and Kumud are in the ratio 19 : 17. If Anil and Kumud get salary hike of ₹2000 and ₹1000 respectively, then the ratio in their salaries become 8 : 7. What is the present salary of Kumud (in ₹)?

Ans ✗ 1. 18000

✗ 2. 38000

✔ 3. 34000

✗ 4. 35000

Question ID : 81616112662
Status : **Answered**
Chosen Option : **3**

Section : **English Comprehension**

Q.1 Select the most appropriate ANTONYM of the given word.

Delight

Ans ✗ 1. Joy

✔ 2. Sorrow

✗ 3. Glee

✗ 4. Pleasure

Question ID : 81616112697
Status : **Answered**
Chosen Option : **2**

Q.2 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.

After entering the town, / go straight and then / take a sharpest turn / towards your left /
to reach the mall.

Ans ✔ 1. take a sharpest turn

✘ 2. towards your left

✘ 3. After entering the town

✘ 4. to reach the mall

Question ID : **81616112681**
Status : **Answered**
Chosen Option : **1**

Q.3 Select the INCORRECTLY spelt word.

Ans ✔ 1. Neice

✘ 2. Cousin

✘ 3. Nephew

✘ 4. Uncle

Question ID : **81616112703**
Status : **Answered**
Chosen Option : **1**

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

He said to me, "It was raining all day."

Ans ✘ 1. He told me it was raining all day.

✘ 2. He told me it has been raining all day.

✘ 3. He told me it is raining all day.

✔ 4. He told me that it had been raining all day.

Question ID : **81616112987**
Status : **Answered**
Chosen Option : **4**

Q.5 Select the most appropriate option to substitute the underlined segment in the given
sentence. If no substitution is required, select 'No substitution'.

The news are true.

Ans ✘ 1. are being true

✔ 2. is true

✘ 3. No substitution

✘ 4. is being true

Question ID : **81616112584**
Status : **Answered**
Chosen Option : **2**

Q.6 Select the most appropriate meaning of the given idiom.

Twiddling one's thumbs

Ans ✗ 1. Feeling hungry

✓ 2. Feeling bored

✗ 3. Feeling angry

✗ 4. Feeling sad

Question ID : **81616112700**
Status : **Answered**
Chosen Option : **2**

Q.7 Select the option that expresses the given sentence in active voice.

I was given a robot by him.

Ans ✓ 1. He gave me a robot.

✗ 2. A robot was given to me by him.

✗ 3. A robot by him was given to I.

✗ 4. A robot by him was given to me.

Question ID : **81616112582**
Status : **Answered**
Chosen Option : **1**

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

Cadence

Ans ✗ 1. Pleasure

✗ 2. Habit

✗ 3. Freshness

✓ 4. Rhythm

Question ID : **81616112999**
Status : **Answered**
Chosen Option : **4**

Q.9 Select the most appropriate option to fill in the blank.

Crowds of tourists _____ across the square all day long.

Ans ✗ 1. maintained

✓ 2. flowed

✗ 3. rectified

✗ 4. prodded

Question ID : **81616112604**
Status : **Answered**
Chosen Option : **2**

Q.10 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed select 'No improvement required'.

Bats huddle together to get <u>warm of</u> each other's body.

Ans ✗ 1. warming from

✗ 2. warm off

✗ 3. No improvement required

✓ 4. warmth from

Question ID : **81616112989**
Status : **Answered**
Chosen Option : **4**

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

Barbaric

Ans ✗ 1. Cruel

✗ 2. Inhuman

✓ 3. Civilised

✗ 4. Brutal

Question ID : **81616112698**
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.

An examination of a dead body to determine the cause of death

Ans ✗ 1. Analysis

✗ 2. Homicide

✓ 3. Post-mortem

✗ 4. Suicide

Question ID : **81616112601**
Status : **Answered**
Chosen Option : **3**

Q.13 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. Ram introduced Shyam to everyone and then served snacks to them.
B. After he cut the cake, all of them danced for a long time.
C. When Shyam reached his house, his classmates had already arrived.
D. Ram invited his friend Shyam on his birthday.

Ans ✗ 1. DBAC

✗ 2. ABCD

✗ 3. ACDB

✓ 4. DCAB

Question ID : **81616112694**
Status : **Answered**
Chosen Option : **4**

Q.14 Select the most appropriate option to fill in the blank.

It was _____ to everyone present that the patient would not survive if immediate help was not received.

Ans ✗ 1. hidden

✗ 2. unnoticed

✓ 3. apparent

✗ 4. unseen

Question ID : **81616113009**
Status : **Answered**
Chosen Option : **3**

Q.15 Select the INCORRECTLY spelt word.

Ans ✗ 1. Plough

✓ 2. Playright

✗ 3. Plagiarise

✗ 4. Playful

Question ID : **81616112704**
Status : **Answered**
Chosen Option : **3**

Q.16 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.

All those students / who are participating / in the play / have been notify / to stay back for rehearsal / after 3:00 p.m.

Ans ✗ 1. to stay back for rehearsal

✗ 2. after 3:00 p.m.

✓ 3. have been notify

✗ 4. who are participating

Question ID : **81616112581**
Status : **Answered**
Chosen Option : **3**

Q.17 Select the most appropriate meaning of the given idiom.

Out of the blue

Ans ✗ 1. Beat someone black and blue

✗ 2. Loves to wear only blue colour clothes

✗ 3. Completely honestly

✓ 4. Completely unexpectedly

Question ID : **81616112699**
Status : **Answered**
Chosen Option : **4**

Q.18 Select the option that can be used as a one-word substitute for the given group of words.

A person who presents a radio/television programme

Ans ✗ 1. Comedian

✗ 2. Choreographer

✓ 3. Anchor

✗ 4. Actor

Question ID : **81616112600**
Status : **Answered**
Chosen Option : **3**

Q.19 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. Shopkeeper: "Not at all. It is hardly a two-minute walk from here."
B. Boy: "Can you please show me the way to the post office?"
C. Shopkeeper: "Go straight from here and take a right turn."
D. Boy: "Is it very far off from here?"

Ans ✗ 1. CDAB

✗ 2. DCBA

✓ 3. BCDA

✗ 4. BADC

Question ID : **81616112693**
Status : **Answered**
Chosen Option : **3**

Q.20 Select the most appropriate synonym of the given word.

Abstain

Ans ✓ 1. Refrain

✗ 2. Accept

✗ 3. Reduce

✗ 4. Propose

Question ID : **81616112998**
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 blank.

John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

SubQuestion No : 21

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

Ans ✗ 1. off

✓ 2. by

✗ 3. from

✗ 4. about

Question ID : **81616112688**
Status : **Answered**
Chosen Option : **2**

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 blank.

John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

SubQuestion No : 22

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

Ans ✗ 1. richer

✓ 2. good

✗ 3. better

✗ 4. best

Question ID : **81616112689**
Status : **Answered**
Chosen Option : **2**

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 blank.

John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

SubQuestion No : 23

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

Ans ✗ 1. plant

✓ 2. paint

✗ 3. painted

✗ 4. plaintive

Question ID : **81616112690**
Status : **Answered**
Chosen Option : **2**

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 blank.

John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

SubQuestion No : 24

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

Ans ✗ 1. sanctify

✗ 2. socialize

✓ 3. specialize

✗ 4. synthesize

Question ID : **81616112691**
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 blank.

John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

SubQuestion No : 25

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

Ans   ✘ 1. doubting

     ✔ 2. duplicating

     ✘ 3. dominating

     ✘ 4. doubling

> Question ID : **81616112692**
> Status : **Answered**
> Chosen Option : **2**

Combined Graduate Level Examination 2020 Tier-I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	24/08/2021
Exam Time	3:00 PM - 4:00 PM
Subject	Combined Graduate Level Examination 2020 Tier 1

Section : **General Intelligence and Reasoning**

Q.1 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 follows from the statements.

Statements:
All lemons are plums.
All plums are dates.
Some dates are mangoes.

Conclusions:
I. Some lemons are mangoes.
II. Some mangoes are plums.
III. All lemons are dates.
IV. Some mangoes are dates.

Ans ✗ 1. Only conclusions I and II follow

✔ 2. Both conclusions III and IV follow

✗ 3. Only conclusions II and III follow

✗ 4. Only conclusions I and IV follow

Question ID : **81616113626**
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.

CLAP, HLVP, HQVK, MQQK, ?

Ans ✗ 1. MLQP

✗ 2. RQLK

✗ 3. HQVK

✔ 4. MVQF

Question ID : **81616112808**
Status : **Not Answered**
Chosen Option : **--**

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. Publicity
2. Precision
3. Puberty
4. Pneumonia
5. Perturb

Ans ✗ 1. 5, 4, 2, 1, 3

✓ 2. 5, 4, 2, 3, 1

✗ 3. 5, 2, 4, 1, 3

✗ 4. 5, 3, 2, 4, 1

Question ID : **81616112809**

Status : **Answered**

Chosen Option : **2**

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

45 9 3
122 10 12
116 6 ?

Ans ✗ 1. 16

✗ 2. 12

✗ 3. 10

✓ 4. 14

Question ID : **81616113630**

Status : **Not Answered**

Chosen Option : **--**

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 : **81616112826**

Status : **Not Answered**

Chosen Option : **--**

Q.6 Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

PROTECTION|

Ans

✗ 1. ИOITϽƎᴚꟼ

✗ 2. ᴮᴿOᴛϽƎᴛIOИ

✗ 3. ᴮᴿOᴛƎϽᴛIOИ

✓ 4. ИOITϽƎᴛOᴿꟼ

Question ID : **81616112830**

Status : **Answered**

Chosen Option : **4**

Q.7 Select the option that is related to the third word in the same way as the second word is related to the first word.

Libya : Tripoli : : Ireland : ?

Ans   ✗ 1. Moscow

✓ 2. Dublin

✗ 3. Oslo

✗ 4. Madrid

Question ID : **81616112812**

Status : **Answered**

Chosen Option : **2**

Q.8 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

dq_pln_qt_lnd_tpl_dq_p_n

Ans   ✗ 1. t, t, q, p, n, l, d

✗ 2. t, p, d, q, l, n, t

✓ 3. t, d, p, q, n, t, l

✗ 4. d, l, n, p, q, t, t

Question ID : **81616112816**

Status : **Answered**

Chosen Option : **3**

Q.9 The income of three playback singers Aswath, Sunita and Ramdin are in the ratio of 12 : 9 : 7 and their expenditures are in the ratio 15 : 9 : 8. If Aswath saves 25% of his income, what is the ratio of the savings of Aswath, Sunita and Ramdin?

Ans   ✗ 1. 5 : 8 : 7

✗ 2. 25 : 16 : 13

✗ 3. 23 : 18 : 11

✓ 4. 15 : 18 : 11

Question ID : **81616112825**

Status : **Not Answered**

Chosen Option : **--**

Q.10 In a certain code language, 'MONTHLY' is written as 'DGMOSJR'. How will 'HEADING' be written in that language?

Ans ✔ 1. LINYFZM

✘ 2. LIYNZFM

✘ 3. MJNZEXN

✘ 4. MNJEZNX

Question ID : 81616113622

Status : **Answered**

Chosen Option : **1**

Q.11 नीचे चार शब्द दिए गए हैं जिनमें से तीन किसी संदर्भ में एक समान हैं और उनमें से एक असंगत है। उस असंगत शब्द का चयन करें।

Ans ✘ 1. अनादर

✘ 2. दुर्व्यवहार

✔ 3. सम्मान

✘ 4. अवमानना

Question ID : 81616113215

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.
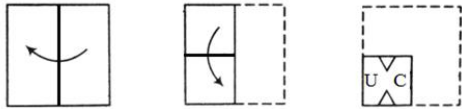
Question ID : 81616112831

Status : **Marked For Review**

Chosen Option : **3**

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

23 32 16
3 4 5
72 132 ?

Ans ✗ 1. 162

✗ 2. 80

✗ 3. 88

✔ 4. 85

Question ID : **81616113227**
Status : **Answered**
Chosen Option : **4**

Q.14 Find the number of triangles in the given figure.

Ans ✗ 1. 15

✗ 2. 13

✗ 3. 17

✔ 4. 19

Question ID : **81616113231**
Status : **Marked For Review**
Chosen Option : **3**

Q.15 Select the option figure in which the given figure is embedded (rotation is NOT allowed).

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.
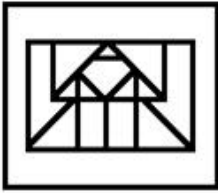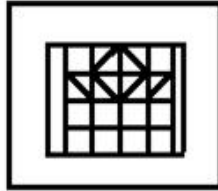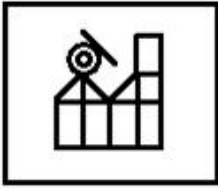
Question ID : **81616112829**
Status : **Answered**
Chosen Option : **2**

Q.16 Pointing to a girl in a college poster, Deepika said, "She is my mother-in-law's only son's niece". How is that girl's mother related to Deepika?

Ans ✗ 1. Daughter-in-law

✗ 2. Sister

✔ 3. Sister-in-law

✗ 4. Cousin

Question ID : **81616112817**
Status : **Answered**
Chosen Option : **3**

Q.17 Select the number from among the given options that can replace the question mark (?) in the following series.

68, 3, 63, 3, 57, 9, 50, 15, 42, 33, 33, ?

Ans ✗ 1. 66

✗ 2. 33

✔ 3. 63

✗ 4. 36

Question ID : **81616112819**
Status : **Answered**
Chosen Option : **3**

Q.18 In a certain code language, 'LABOUR' is coded as '279', and 'EXHALE' is coded as '321'. How will 'CAUTIOUS' be coded in that language?

Ans   ✗ 1. 553

       ✓ 2. 535

       ✗ 3. 552

       ✗ 4. 525

Question ID : **81616113219**
Status : **Not Answered**
Chosen Option : **--**

Q.19 Select the option that is related to the fourth number in the same way as the first number is related to the second number.

21 : 693 :: ? : 792

Ans   ✗ 1. 26

       ✗ 2. 36

       ✓ 3. 24

       ✗ 4. 22

Question ID : **81616113628**
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. RVEK

       ✓ 2. NRIP

       ✗ 3. GKPV

       ✗ 4. CGTZ

Question ID : **81616112810**
Status : **Answered**
Chosen Option : **2**

Q.21 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different.

Ans   ✗ 1. 6 : 26

       ✓ 2. 5 : 24

       ✗ 3. 8 : 34

       ✗ 4. 7 : 30

Question ID : **81616113225**
Status : **Answered**
Chosen Option : **2**

Q.22 Select the option in which the words share the same relationship as that shared by the given pair of words.

Golf : Course
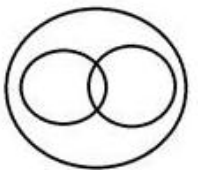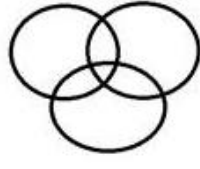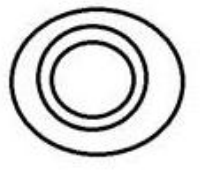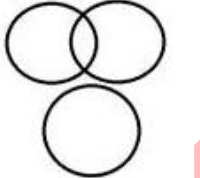
Ans   ✗ 1. Judo : Arena

      ✗ 2. Baseball : Rink

      ✓ 3. Cycling : Velodrome

      ✗ 4. Ring : Boxing

Question ID : **81616112813**
Status : **Marked For Review**
Chosen Option : **3**

Q.23 Select the Venn diagram that best illustrates the relationship between the following classes.

Men, Lyricists, Extroverts

Ans

✗ 1.

✓ 2.

✗ 3.

✗ 4.

Question ID : **81616113640**
Status : **Answered**
Chosen Option : **2**

Q.24 Three different positions of the same dice are shown, the faces of which are marked with the letters L, M, N, O, P and Q. Select the letter that will be on the face opposite to the face having the letter 'M'.
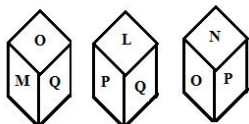
Ans   ✗ 1. N

      ✓ 2. P

      ✗ 3. L

      ✗ 4. Q

Question ID : **81616113232**
Status : **Answered**
Chosen Option : **2**

Q.25 Select the correct combination of mathematical signs that can sequentially replace the
* signs and balance the equation.

512 * 32 * 9 * 100 * 6 * 25 * 2

Ans ✗ 1. +, ×, ÷, =, −, ×

✗ 2. ÷, ×, +, −, =, ×

✗ 3. ÷, ×, +, =, −, ×

✓ 4. ÷, ×, −, +, =, ×

Question ID : **81616113228**
Status : **Answered**
Chosen Option : **1**

Section : **General Awareness**

Q.1 In which of the following years was the first rocket launched in India?

Ans ✗ 1. 1948

✗ 2. 1973

✓ 3. 1963

✗ 4. 1977

Question ID : **81616113243**
Status : **Answered**
Chosen Option : **2**

Q.2 According to which of the following Articles of the Constitution of India can the
Parliament amend the Constitution?

Ans ✓ 1. Article 368

✗ 2. Article 103

✗ 3. Article 129

✗ 4. Article 234

Question ID : **81616112852**
Status : **Answered**
Chosen Option : **1**

Q.3 A channel of canal where water flows under the influence of gravity is called _____.

Ans ✗ 1. lift channel

✗ 2. command area

✗ 3. warabandi system

✓ 4. flow channel

Question ID : **81616112843**
Status : **Not Answered**
Chosen Option : **--**

Q.4 Who authored 'Akbarnama'?

Ans ✗ 1. Faizi

✗ 2. Abdus Samad

✗ 3. Abdul Latif

✓ 4. Abul Fazl

Question ID : **81616113653**
Status : **Answered**
Chosen Option : **4**

Q.5 Which of the following is the only floating national park in India and the world?

Ans ✗ 1. Gugamal National Park

✗ 2. Nagarhole National Park

✓ 3. Keibul Lamjao National Park

✗ 4. Balpakram National Park

Question ID : **81616113246**
Status : **Answered**
Chosen Option : **3**

Q.6 All monetary transfers or kinds sent by migrants to their place of origin are called
_____.

Ans ✗ 1. bills

✗ 2. drafts

✓ 3. remittances

✗ 4. payments

Question ID : **81616112835**
Status : **Answered**
Chosen Option : **3**

Q.7 On which of the following dates has the Government of India decided to commemorate the birth anniversary of Subash Chandra Bose as 'Parakram Diwas'?

Ans ✗ 1. 7 June

✗ 2. 5 May

✗ 3. 12 March

✓ 4. 23 January

Question ID : **81616112857**
Status : **Answered**
Chosen Option : **4**

Q.8 Which of the following gases is naturally formed via the anaerobic decay of phosphorus containing organic matter?

Ans ✗ 1. Perchloryl fluoride

✗ 2. Phosgene

✓ 3. Phosphine

✗ 4. Phosphorus pentafluoride

Question ID : **81616112841**
Status : **Not Answered**
Chosen Option : **--**

Q.9 In how many districts across all the states of India was the third phase of 'Pradhan Mantri Kaushal Vikas Yojana' launched in January 2021?

Ans ✓ 1. 600

✗ 2. 409

✗ 3. 567

✗ 4. 189

Question ID : **81616112856**
Status : **Not Answered**
Chosen Option : **--**

Q.10 The 'Hemis Festival' is celebrated in Ladakh on the 10th day of the Tibetan Lunar month. To which of the following lords is the festival dedicated?

Ans ✗ 1. Lord Vishnu

✗ 2. Lord Shiva

✓ 3. Lord Padmasambhava

✗ 4. Lord Ganesha

Question ID : **81616113238**
Status : **Answered**
Chosen Option : **2**

Q.11 Who wrote Samudragupta's prashasti (a eulogy written in the form of poetry or prose, usually by court poets) at Allahabad?

Ans ✗ 1. Kalidasa

✗ 2. Vagabhatta

✓ 3. Harishena

✗ 4. Amarsimha

Question ID : **81616113656**
Status : **Not Answered**
Chosen Option : **--**

Q.12 The Periodic Law as we know it today owes its development to:

Ans ✗ 1. Niels Bohr

✗ 2. Ernest Rutherford

✓ 3. Dmitri Mendeleev

✗ 4. JJ Thomson

Question ID : **81616113648**
Status : **Marked For Review**
Chosen Option : **3**

Q.13 The scientific study of dreams is called _____.

Ans ✗ 1. morphology

✓ 2. oneirology

✗ 3. kalology

✗ 4. entomology

Question ID : **81616112838**
Status : **Marked For Review**
Chosen Option : **2**

Q.14 In which of the following years did the Kakori Conspiracy case take place?

Ans ✗ 1. 1919

✗ 2. 1909

✗ 3. 1932

✓ 4. 1925

Question ID : **81616113250**
Status : **Answered**
Chosen Option : **4**

Q.15 Which of the following pairs of cities became a part of UNESCO's Creative Cities Network in 2019?

Ans ✗ 1. Chennai and Varanasi

✗ 2. Jaipur and Delhi

✓ 3. Mumbai and Hyderabad

✗ 4. Kolkata and Ujjain

Question ID : **81616113641**
Status : **Answered**
Chosen Option : **3**

Q.16 Terrace farming is done on which of the following types of land?

Ans ✗ 1. Forests

✗ 2. Deserts

✗ 3. Plains

✓ 4. Hills

Question ID : **81616112844**
Status : **Not Answered**
Chosen Option : **--**

Q.17 Who among the following wrote the non-fiction 'The Paradoxical Prime Minister: Narendra Modi and His India'?

Ans ✓ 1. Shashi Tharoor

✗ 2. Arundhati Roy

✗ 3. Salman Rushdie

✗ 4. Chetan Bhagat

Question ID : **81616112849**
Status : **Answered**
Chosen Option : **1**

Q.18 Who among the following cricketers is the brand ambassador of Jindal South West (JSW) Steel as of January 2021?

Ans ✗ 1. Rohit Sharma

✗ 2. Virat Kohli

✗ 3. MS Dhoni

✓ 4. Rishabh Pant

Question ID : **81616112853**
Status : **Answered**
Chosen Option : **4**

Q.19 Who among the following was appointed as the Chairman of Telecom Equipment and Services Export Promotion Council (TEPC) in January 2021?

Ans ✓ 1. Sandeep Aggarwal

✗ 2. Shyamal Ghosh

✗ 3. Sukhbir Singh Sandhu

✗ 4. S Muralidhar

Question ID : **81616112855**
Status : **Not Answered**
Chosen Option : **--**

Q.20 Who among the following was appointed as the Managing Director of Life Insurance Corporation in February 2021?

Ans   ✔ 1. Siddhartha Mohanty

      ✘ 2. Rajeev Arora

      ✘ 3. Pankaj Jain

      ✘ 4. TC Susheel Kumar

Question ID : **81616113240**
Status : **Answered**
Chosen Option : **1**

Q.21 In which year was 'Target Olympic Podium Scheme' ('TOPS') formulated by the Ministry of Youth Affairs and Sports?

Ans   ✘ 1. 2015

      ✔ 2. 2014

      ✘ 3. 2013

      ✘ 4. 2016

Question ID : **81616113662**
Status : **Not Answered**
Chosen Option : **--**

Q.22 Who among the following authored 'Poverty and Un-British Rule in India'?

Ans   ✘ 1. Jawaharlal Nehru

      ✘ 2. Mahatma Gandhi

      ✘ 3. Rabindranath Tagore

      ✔ 4. Dadabhai Naoroji

Question ID : **81616112847**
Status : **Answered**
Chosen Option : **4**

Q.23 Which phenomenon deals with the scattering of light by molecules of a medium when they are excited to vibrational energy levels?

Ans   ✘ 1. Huygens Effect

      ✘ 2. Maxwell Effect

      ✔ 3. Raman Effect

      ✘ 4. Rayleigh Effect

Question ID : **81616113645**
Status : **Not Answered**
Chosen Option : **--**

Q.24 Who among the following was appointed as the first woman Chairperson of BCCC (Broadcasting Content Complaints Council) by IBF (Indian Broadcasting Foundation)?

Ans   ✘ 1. Indra Nooyi

      ✘ 2. Kiran Mazumdar

      ✘ 3. Chitra Ramakrishna

      ✔ 4. Gita Mittal

Question ID : **81616112850**
Status : **Marked For Review**
Chosen Option : **1**

Q.25 Which of the following Articles of the Constitution of India states that there would be no tax levied or collected EXCEPT by the authority of law?

Ans ✗ 1. Article 107

✗ 2. Article 123

✓ 3. Article 265

✗ 4. Article 301

Question ID : **81616113255**
Status : **Answered**
Chosen Option : **3**

Section : **Quantitative Aptitude**

Q.1

What is the coefficient of x^2 in the expansion of $\left(5 - \dfrac{x^2}{3}\right)^3$?

Ans ✗ 1. $-\dfrac{25}{3}$

✓ 2. -25

✗ 3. $-\dfrac{5}{3}$

✗ 4. 25

Question ID : **81616112869**
Status : **Answered**
Chosen Option : **2**

Q.2 Table shows District-wise data of number of primary school teachers posted in schools of a city.

Study the table and answer the question:

District	Male teachers	Female teachers
East	1650	2375
North	1075	2651
West	1280	1520
South	1170	1085
Central	690	859

What is the difference between the total number of male teachers in the districts East, North, West taken together and the total number of female teachers in the districts East and South?

Ans ✓ 1. 545

✗ 2. 110

✗ 3. 735

✗ 4. 771

Question ID : **81616112980**
Status : **Answered**
Chosen Option : **1**

Q.3 If $\sec 31° = x$, then $\sin^2 59° + \dfrac{1}{\sec^2 31°} - \dfrac{1}{\sin^2 59° \cosec^2 59°}$ is equal to:

Ans

✗ 1. $\dfrac{x^2 - 2}{x}$

✔ 2. $\dfrac{2 - x^2}{x^2}$

✗ 3. $\dfrac{x^2 - 2}{x^2}$

✗ 4. $\dfrac{2 - x^2}{x}$

Question ID : **81616113280**
Status : **Answered**
Chosen Option : **2**

Q.4 In the table, the production and the sale (in 1000 tonnes) of a certain product of a company over 5 years is given.

years	Production (in 1000 tonnes)	Sale (in 1000 tonnes)
2015	1250	1000
2016	1400	1290
2017	1450	1100
2018	1500	1450
2019	1600	1390

In which year(s) the production increases by more than 10% of that in the previous year?

Ans

✔ 1. 2016

✗ 2. 2018, 2019

✗ 3. 2019

✗ 4. 2017, 2018

Question ID : **81616112982**
Status : **Answered**
Chosen Option : **1**

Q.5 Study the following table and answer the question:

Percentage of marks obtained by six students A, B, C, D, E and F in five subjects.

Subjects / Students	English (Out of 50)	Math (Out of 150)	Science (Out of 80)	Hindi (Out of 75)	Social Studies (Out of 100)
A	70	90	65	64	88
B	84	92	75	68	49
C	66	80	85	80	84
D	62	74	75	88	60
E	54	64	55	72	85
F	72	84	65	60	65

Total marks obtained by student E in all the five subjects are ?

Ans ✗ 1. 340

✗ 2. 316

✗ 3. 330

✓ 4. 306

Question ID : **81616113789**
Status : **Answered**
Chosen Option : **3**

Q.6 What is the difference between the compound interest (in ₹) compounded yearly and compounded half yearly for 18 months at 20% per annum on a sum of ₹12,000?

Ans ✗ 1. 145

✗ 2. 165

✗ 3. 121

✓ 4. 132

Question ID : **81616113269**
Status : **Not Answered**
Chosen Option : **--**

Q.7

Simplify: $\dfrac{(sin\ \theta + sec\theta)^2 + (cos\ \theta + cosec\theta)^2}{(1+sec\theta\ cosec\theta)^2}, 0° < \theta < 90°$

Ans ✗ 1. 0

✗ 2. 2

✗ 3. -1

✓ 4. 1

Question ID : **81616112574**
Status : **Answered**
Chosen Option : **4**

Q.8   A shopkeeper marks an article at a price such that after giving a discount of x%, he gains 20%. If the cost price and the marked price of the article are ₹920 and ₹1472 respectively, then what is the value of x?

Ans   ✗ 1. 18

         ✗ 2. 20

         ✔ 3. 25

         ✗ 4. 30

Question ID : **81616113669**
Status : **Answered**
Chosen Option : **3**

Q.9   The surface area of a cube is $13.5\ m^2$. What is the length (in m) of its diagonal?

Ans   ✗ 1. $2\sqrt{3}$

         ✗ 2. 1.5

         ✗ 3. 2

         ✔ 4. $1.5\sqrt{3}$

Question ID : **81616112868**
Status : **Answered**
Chosen Option : **4**

Q.10   If $x^4 - 62x^2 + 1 = 0$, where $x > 0$, then the value of $x^3 + x^{-3}$ is:

Ans   ✔ 1. 488

         ✗ 2. 364

         ✗ 3. 512

         ✗ 4. 500

Question ID : **81616113678**
Status : **Answered**
Chosen Option : **1**

Q.11   In a circle with centre O, a diameter AB is produced to a point P lying outside the circle and PT is a tangent to the circle at a point C on it. If ∠BPT=28º, then what is the measure of ∠BCP?

Ans   ✗ 1. 28º

         ✔ 2. 31º

         ✗ 3. 62º

         ✗ 4. 45º

Question ID : **81616113277**
Status : **Answered**
Chosen Option : **2**

Q.12   Given that $x^8 - 34x^4 + 1 = 0$, x>0. What is the value of $(x^3 - x^{-3})$?

Ans   ✗ 1. 12

         ✔ 2. 14

         ✗ 3. 18

         ✗ 4. 16

Question ID : **81616113275**
Status : **Answered**
Chosen Option : **2**

Q.13 A shopkeeper sold an article for ₹455 at a loss (in ₹). If he sells it for ₹490, then he would gain an amount four times the loss. At what price (in ₹) should he sell the article to gain 25%?

Ans ✔ 1. 577.50

✘ 2. 575

✘ 3. 570.50

✘ 4. 115.50

Question ID : **81616112863**

Status : **Answered**

Chosen Option : **1**

Q.14 A tank is filled in 4 hours by three pipes A, B and C. The pipe C is $1\frac{1}{2}$ times as fast as B and B is 3 times as fast as A. How many hours will pipe A alone take to fill the tank?

Ans ✘ 1. 17

✔ 2. 34

✘ 3. 30

✘ 4. 15

Question ID : **81616113270**

Status : **Answered**

Chosen Option : **2**

Q.15 Study the following table and answer the question:

Percentage of marks obtained by six students A, B, C, D, E and F in five subjects.

Subjects / Students	English (Out of 50)	Math (Out of 150)	Science (Out of 80)	Hindi (Out of 75)	Social Studies (Out of 100)
A	70	90	65	64	88
B	84	92	75	68	49
C	66	80	85	80	84
D	62	74	75	88	60
E	54	64	55	72	85
F	72	84	65	60	65

The total marks obtained by students C, D and F in Science is what percent more than the total marks obtained by B in Science, Hindi and Social Studies?

Ans ✔ 1. 12.5

✘ 2. 12.2

✘ 3. 11.1

✘ 4. 10.5

Question ID : **81616113791**

Status : **Not Answered**

Chosen Option : **--**

Q.16 Simplify the following expression:

$$\left(\frac{3}{4} - \frac{1}{4} \div \frac{1}{4} \text{ of } \frac{2}{5}\right) \div \left(\frac{3}{4} \div \frac{2}{3} \text{ of } \frac{3}{5}\right)$$

Ans

✗ 1. $\frac{14}{75}$

✗ 2. $-\frac{70}{27}$

✔ 3. $-\frac{14}{15}$

✗ 4. $\frac{32}{75}$

Question ID : **81616112859**

Status : **Answered**

Chosen Option : **3**

Q.17 A certain sum is divided among A, B, C and D such that the ratio of the shares is A : B : C : D = 4 : 12 : 30 : 45. If the difference between the shares of A and D is ₹5,535, then the total sum (in ₹) is:

Ans

✔ 1. 12285

✗ 2. 11000

✗ 3. 12785

✗ 4. 13550

Question ID : **81616113672**

Status : **Answered**

Chosen Option : **1**

Q.18 The speed of a motorboat in still water is 20 km/h. It travels 150 km downstream and then returns to the starting point. If the round trip takes a total of 16 hours, what is the speed (in km/h) of the flow of river?

Ans

✗ 1. 6

✗ 2. 4

✗ 3. 8

✔ 4. 5

Question ID : **81616113675**

Status : **Answered**

Chosen Option : **4**

Q.19 If a nine-digit number $769\,8x138y$ is divisible by 72, then the value of $\sqrt{4x + y}$ is:

Ans

✗ 1. 8

✔ 2. 6

✗ 3. 5

✗ 4. 9

Question ID : **81616113262**

Status : **Answered**

Chosen Option : **2**

Q.20 If $\dfrac{\sin\theta+\cos\theta}{\sin\theta-\cos\theta} = 5$, then the value of $\dfrac{4\sin^2\theta+3}{2\cos^2\theta+2}$ is:

Ans ✓ 1. $\dfrac{75}{34}$

✗ 2. $\dfrac{75}{17}$

✗ 3. $\dfrac{3}{2}$

✗ 4. $\dfrac{1}{2}$

Question ID : **81616113585**
Status : **Answered**
Chosen Option : **1**

Q.21 Triangle ABC is right angled at B and D is a point of BC such that BD = 5 cm, AD = 13 cm and AC = 37 cm, then find the length of DC in cm.

Ans ✗ 1. 25

✗ 2. 35

✗ 3. 5

✓ 4. 30

Question ID : **81616112874**
Status : **Answered**
Chosen Option : **4**

Q.22 In a circle with centre O, points A, B, C and D in this order are concyclic such that BD is a diameter of the circle. If $\angle BAC = 22°$, then find the measure (in degrees) of $\angle COD$.

Ans ✗ 1. 158

✗ 2. 68

✗ 3. 79

✓ 4. 136

Question ID : **81616112872**
Status : **Answered**
Chosen Option : **4**

Q.23 By mistake, the reciprocal of a positive fraction got typed in place of itself, and thereby its value got reduced by $\dfrac{175}{4}$ % . What was the value of the fraction?

Ans ✗ 1. $\dfrac{1}{2}$

✓ 2. $\dfrac{4}{3}$

✗ 3. $\dfrac{3}{4}$

✗ 4. $\dfrac{1}{4}$

Question ID : **81616113266**
Status : **Not Answered**
Chosen Option : **--**

Q.24 Triangle ABC is right angled at B. BD is an altitude intersecting AC at D. If AC = 9 cm and CD = 3 cm, then find the measure of AB (in cm).

Ans ✗ 1. 3

✗ 2. $6\sqrt{3}$

✗ 3. 6

✔ 4. $3\sqrt{6}$

Question ID : **81616112875**
Status : **Answered**
Chosen Option : **4**

Q.25 What is the average of numbers from 1 to 50 which are multiples of 2 or 5? (correct to one decimal place)

Ans ✗ 1. 25.4

✗ 2. 25.9

✗ 3. 26.4

✔ 4. 25.8

Question ID : **81616112860**
Status : **Not Answered**
Chosen Option : **--**

Section : **English Comprehension**

Q.1 Select the most appropriate synonym of the given word.

Humdrum

Ans ✗ 1. Exciting

✗ 2. Lively

✔ 3. Boring

✗ 4. Noisy

Question ID : **81616112898**
Status : **Answered**
Chosen Option : **3**

Q.2 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.

A. At its height, around 1,200 years ago, the city of Calakmul had a population of about 50,000 people, but the kingdom as a whole numbered more than 1.5 million.
B. Deep in the jungle of southern Mexico lie the ruins of a city that thrived for centuries before it was abandoned more than 1,000 years ago.
C. Archaeologists have uncovered 6,750 structures here—the largest is this pyramid temple, called, simply, 'Structure 2.'
D. Calakmul was once one of the two duelling superpowers—along with Tikal—of the Classical Mayan civilisation.

Ans ✗ 1. DBCA

✗ 2. ACDB

✗ 3. BCDA

✔ 4. BDAC

Question ID : **81616113704**
Status : **Answered**
Chosen Option : **4**

Q.3 Select the most appropriate meaning of the given idiom.

To fan the flames

Ans ✗ 1. To resolve the issue amicably

✗ 2. To call for help to solve an issue

✗ 3. To cool the situation

✔ 4. To make a bad situation worse

Question ID : **81616113709**
Status : **Answered**
Chosen Option : **4**

Q.4 Select the INCORRECTLY spelt word.

Ans ✗ 1. Anarchy

✔ 2. Tyrany

✗ 3. Aristocracy

✗ 4. Monarchy

Question ID : **81616112906**
Status : **Answered**
Chosen Option : **2**

Q.5 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.

Raman went / with his wife / to the village / to sold their land.

Ans ✗ 1. to the village

✗ 2. Raman went

✔ 3. to sold their land

✗ 4. with his wife

Question ID : **81616113691**
Status : **Answered**
Chosen Option : **3**

Q.6 Select the most appropriate synonym of the given word.

Drag

Ans ✔ 1. Pull

✗ 2. Call

✗ 3. Push

✗ 4. Tell

Question ID : **81616112897**
Status : **Answered**
Chosen Option : **1**

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

Lessen

Ans ✗ 1. Minimise

✓ 2. Increase

✗ 3. Reduce

✗ 4. Decrease

Question ID : **81616113708**
Status : **Answered**
Chosen Option : **2**

Q.8 **Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution required'.**

The crowd have gathered around the area to watch the actors.

Ans ✗ 1. have gather around the area

✓ 2. has gathered around the area

✗ 3. have gathered in the area

✗ 4. No substitution required

Question ID : **81616112888**
Status : **Answered**
Chosen Option : **2**

Q.9 **Select the most appropriate ANTONYM of the given word.**

Controlled

Ans ✗ 1. Guarded

✓ 2. Excited

✗ 3. Restrained

✗ 4. Calm

Question ID : **81616112899**
Status : **Answered**
Chosen Option : **2**

Q.10 **Select the option that expresses the given sentence in indirect speech.**

Nelson said, "I was playing cricket."

Ans ✗ 1. Nelson said that he was playing cricket.

✓ 2. Nelson said that he had been playing cricket.

✗ 3. Nelson said I was playing cricket.

✗ 4. Nelson said that I was playing cricket.

Question ID : **81616112886**
Status : **Answered**
Chosen Option : **1**

Q.11 Select the option that expresses the given sentence in passive voice.

The fielder at the slip position took a brilliant catch.

Ans ✗ 1. A brilliant catch was being taken by the fielder at the slip position.

✗ 2. A brilliant catch had been taken by the fielder at the slip position.

✗ 3. A brilliant catch has been taken by the fielder at the slip position.

✓ 4. A brilliant catch was taken by the fielder at the slip position.

Question ID : **81616113289**
Status : **Answered**
Chosen Option : **4**

Q.12 Select the most appropriate meaning of the given idiom.

To fight tooth and nail

Ans ✓ 1. To fight or compete with great ferocity and intensity

✗ 2. To silently leave the scene of battle

✗ 3. To keep the enemy guessing about the weapons used

✗ 4. To use unusual weapons to fight

Question ID : **81616113710**
Status : **Answered**
Chosen Option : **1**

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

The people of Rajasthan strictly _____ to the traditional customs.

Ans ✗ 1. appeal

✓ 2. adhere

✗ 3. apply

✗ 4. abide

Question ID : **81616113311**
Status : **Answered**
Chosen Option : **2**

Q.14 Select the option that will improve the underlined part of the sentence. In case no improvement is needed, select 'No improvement'.

The prisoners are <u>kept at</u> constant surveillance.

Ans ✗ 1. kept by

✓ 2. kept under

✗ 3. kept with

✗ 4. No improvement

Question ID : **81616113291**
Status : **Answered**
Chosen Option : **2**

Q.15 **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.**

Mithila art tradition is passed on / from one generation through a next / by children watching and helping / their mothers and grandmothers.

Ans ✔ 1. from one generation through a next

✘ 2. Mithila art tradition is passed on

✘ 3. their mothers and grandmothers

✘ 4. by children watching and helping

Question ID : **81616113288**
Status : **Answered**
Chosen Option : **1**

Q.16 **Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph.**

A. "I have already spent it," the thief replied.
B. "What! I will take you to the police right now," Arun thundered.
C. "Give me back my money," Arun said to the thief.
D. "Sir, please have some mercy on me," the thief pleaded.

Ans ✔ 1. CABD

✘ 2. ADBC

✘ 3. CBAD

✘ 4. BCAD

Question ID : **81616112895**
Status : **Answered**
Chosen Option : **1**

Q.17 **Select the option that can be used as a one-word substitute for the given group of words.**

A person employed to drive a private or hired car

Ans ✘ 1. Pilot

✔ 2. Chauffeur

✘ 3. Captain

✘ 4. Escort

Question ID : **81616113307**
Status : **Answered**
Chosen Option : **2**

Q.18 **Select the most appropriate option to fill in the blank.**

The worst possible _____ for human society is that we will destroy ourselves with nuclear weapons.

Ans ✘ 1. preceptive

✘ 2. presentation

✔ 3. prediction

✘ 4. privilege

Question ID : **81616112908**
Status : **Answered**
Chosen Option : **3**

Q.19 **Select the INCORRECTLY spelt word.**

Ans ✗ 1. Written

✗ 2. Verbal

✔ 3. Speech

✗ 4. Melody

Question ID : **81616112905**

Status : **Marked For Review**

Chosen Option : **3**

Q.20 **Select the option that can be used as a one-word substitute for the given group of words.**

The art of effective or persuasive speaking or writing

Ans ✔ 1. Rhetoric

✗ 2. Archaic

✗ 3. Poetry

✗ 4. Bombastic

Question ID : **81616113308**

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 blank.
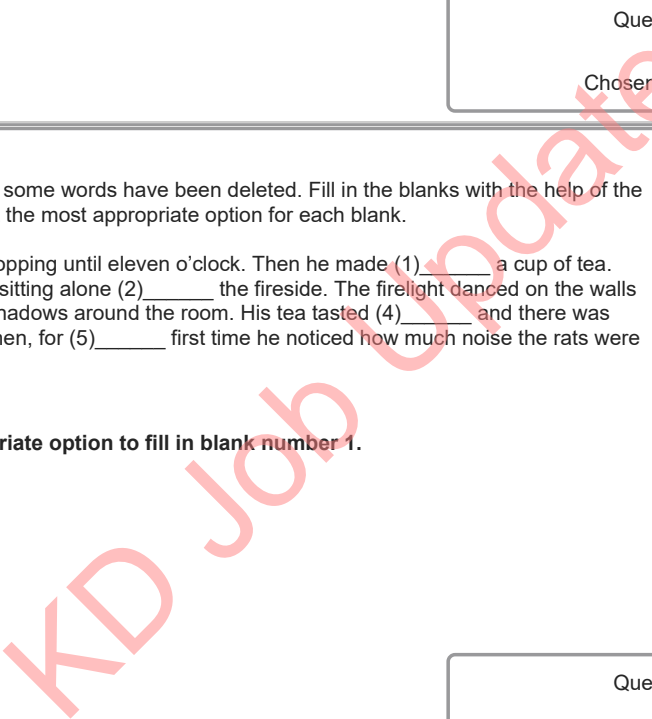
Moore worked without stopping until eleven o'clock. Then he made (1)_____ a cup of tea. He was enjoying himself sitting alone (2)_____ the fireside. The firelight danced on the walls and (3)_____ strange shadows around the room. His tea tasted (4)_____ and there was nobody to disturb him. Then, for (5)_____ first time he noticed how much noise the rats were making.

SubQuestion No : 21

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

Ans ✗ 1. herself

✗ 2. itself

✔ 3. himself

✗ 4. ourself

Question ID : **81616112890**

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 blank.

Moore worked without stopping until eleven o'clock. Then he made (1)_____ a cup of tea. He was enjoying himself sitting alone (2)_____ the fireside. The firelight danced on the walls and (3)_____ strange shadows around the room. His tea tasted (4)_____ and there was nobody to disturb him. Then, for (5)_____ first time he noticed how much noise the rats were making.

SubQuestion No : 22

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

Ans ✗ 1. for

✗ 2. in

✗ 3. over

✔ 4. by

Question ID : **81616112891**
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 blank.

Moore worked without stopping until eleven o'clock. Then he made (1)_____ a cup of tea. He was enjoying himself sitting alone (2)_____ the fireside. The firelight danced on the walls and (3)_____ strange shadows around the room. His tea tasted (4)_____ and there was nobody to disturb him. Then, for (5)_____ first time he noticed how much noise the rats were making.

SubQuestion No : 23

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

Ans ✔ 1. cast

✗ 2. poked

✗ 3. picked

✗ 4. stuck

Question ID : **81616112892**
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 blank.

Moore worked without stopping until eleven o'clock. Then he made (1)_____ a cup of tea. He was enjoying himself sitting alone (2)_____ the fireside. The firelight danced on the walls and (3)_____ strange shadows around the room. His tea tasted (4)_____ and there was nobody to disturb him. Then, for (5)_____ first time he noticed how much noise the rats were making.

SubQuestion No : 24

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

Ans ✗ 1. desirable

✗ 2. skillful

✗ 3. attractive

✔ 4. excellent

Question ID : **81616112893**
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 blank.

Moore worked without stopping until eleven o'clock. Then he made (1)_____ a cup of tea. He was enjoying himself sitting alone (2)_____ the fireside. The firelight danced on the walls and (3)_____ strange shadows around the room. His tea tasted (4)_____ and there was nobody to disturb him. Then, for (5)_____ first time he noticed how much noise the rats were making.

SubQuestion No : 25

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

Ans   ✗ 1. a

       ✗ 2. only

       ✗ 3. one

       ✓ 4. the

Question ID : **81616112894**
Status : **Answered**
Chosen Option : **4**