

SBI PO

Previous Year Paper
Prelims
20th November 2021
Memory Based (Shift 2)

KD Job Updates

100 Questions

Que. 1 Read the passage carefully and answer the questions that follow. Some words may be highlighted. Pay attention.

Coal mines were the beating heart of Britain's industrial revolution. Their sooty, energy-dense output gave life to new-fangled factories and shipyards, fuelling the nation's march towards modernity. They helped shape a carbon-intensive economy and paved the way for a global dependence on fossil fuels, and in doing so, fired the starting pistol on the climate crisis that today confronts us all.

But what if, in a serendipitous circle of history, our **extractive** past could be repurposed for a greener, cleaner future? What if the vast maze of coal mines beneath our feet, now filled with naturally warm water, could help decarbonise the UK's – and the world's – herculean heating needs?

That was the question Adam Black, a renewable energy enthusiast employed by one of Britain's largest bottling firms, Lanchester Wines, asked himself a decade ago. "I had about 400,000 sq ft of warehouse that needed heating and it was right over four layers of mine workings, which had naturally flooded over time. I felt we could use this mine water for heating", he recollects.

With the help of a few geothermal experts from Iceland, Black sunk a borehole into the **murky** depths of the old High Main coal seam in Gateshead, Tyne and Wear, England. Warmed by natural geological processes, the water they pumped to the surface was a pleasant 15C (59F). With a little supplemental warmth from an electric heat pump – "a bit like a fridge in reverse" – it was perfect for keeping the company's warehouse, and the millions of wine bottles within, at the right temperature. "Nowadays we're heating a couple of warehouses, a distribution depot, a local bakery, and soon a nearby car showroom too!", says Black.

He's not the only one excited by the energy potential of mine water. The UK Coal Authority, which is responsible for the country's disused pits, has big plans for the coming decade. Its geologists believe one-quarter of British homes currently sit on a coalfield, stretching across Wales, central Scotland, northern England, and the Midlands. An estimated 2 billion cubic metres of warm water occupy the old mine shafts and these flooded shafts contain around 2.2 million GWh of heat, with the potential to store more.

Researchers suggest that this makes mine water one of the UK's largest underused clean energy sources. Accordingly, to help meet the country's sweeping carbon-reduction target, the Coal Authority is exploring the feasibility of some 70 mine water heating projects across the country.

Yet, while there's mounting evidence of mine water's energy potential, the idea isn't without issue. Retrofitting houses with the means to tap into a geothermal district heating network isn't cheap and new builds aren't often sited next to **derelict** collieries. Further, there are technical hurdles like stability concerns around abandoned mine shafts which were simply left to collapse. The capital costs are much higher with mine water geothermal, though under the right conditions the energy generated can be cheaper than that from conventional sources.

Adam Black at Lanchester Wines hopes that the costs will fall as the technology develops and uptake increases, "and if the energy authorities do their bit with regulation".

Beyond doubt is that the resource is there and waiting: A labyrinth of warrens once laden with men and machinery, now flooded with naturally warm water, ready to be tapped.

Choose the most appropriate antonym for the word '**murky**'.

1. dark
2. bright
3. gloomy
4. colourless
5. hued

Testbook Solution Correct Option - 2

Que. 2 Choose the synonym for the word '**derelict**'.

1. conducive

2. abandoned
3. dreadful
4. hampered
5. prolific

Testbook Solution Correct Option - 2

Que. 3 Consider the following statements and choose the correct option.

(A) Coal mines helped to form a carbon-intensive economy and facilitated global independence on fossil fuels.

(B) An estimated 2 billion cubic metres of warm water occupy the old mine shafts and these flooded shafts contain around 2.2 billion GWh of heat, with the potential to store more.

(C) Under the right conditions, the energy generated from mine water geothermal can be cheaper than that from conventional sources.

1. Only A and B are correct
2. All are correct
3. Only C is correct
4. Only B and C are correct
5. All are incorrect

Testbook Solution Correct Option - 3

Que. 4 Find the relation between the statements given below.

Statement I: New builds aren't often sited next to derelict collieries.

Statement II: Retrofitting houses with the means to tap into a geothermal district heating network isn't cheap.

1. Statement (II) is the cause and Statement (I) is the effect
2. Both the statements (I) and (II) are effects of some common cause
3. Both Statement (I) and Statement (II) are independent causes
4. Statement (I) is the cause and Statement (II) is the effect
5. Both the statements (I) and (II) are effects of independent causes

Testbook Solution Correct Option - 3

Que. 5 The geologists of the UK Coal Authority believe one-quarter of British homes currently sit on a coalfield. This coalfield stretches across which of the following regions?

1. Tyne and Wear, Wales and northern England
2. Wales, Scotland and Northern Ireland
3. Wales, England and the Midlands
4. Wales, central Scotland, northern England and the Midlands
5. None of the above

Testbook Solution Correct Option - 4

Que. 6 The tone of the passage is-

1. optimistic
2. descriptive
3. argumentative
4. illustrative
5. serious

Testbook Solution Correct Option - 2

Que. 7 Why is the Coal Authority exploring the feasibility of some 70 mine water heating projects across the country?

1. to check whether the estimation by the researchers is true
2. to confiscate the areas occupied Illegally
3. to help meet the country's sweeping carbon-reduction target
4. to increase dependence on the carbon-intensive technology
5. to earn better profit

Testbook Solution Correct Option - 3

Que. 8 In the following sentence, a part of the sentence is underlined. Below are given alternatives to the underlined part, which may improve the sentence. Choose the correct alternative. In case no improvement is needed, choose the option 'No improvement.'

People need not worry or think out the repercussions of complaining to the DA, if they find evidence.

A Think up

B Think through

C Think over

1. Only A
2. Only B
3. Only C
4. Both A and C
5. No improvement

Testbook Solution Correct Option - 3

Que. 9 In the following sentence a part of the sentence has been underlined. Below are given alternatives to the underlined part, which might improve the sentence. Choose the correct alternative. In case no improvement is needed, choose option 5.

It is clear that the accused has been strongly backed with the politicians of the country.

A. Strongly backed against

B. Strongly backed by

C. Strongly supported by

1. Only C
2. Both A and B
3. Both A and C
4. Both B and C
5. No improvement

Testbook Solution Correct Option - 4

Que. 10 In the following sentence, a part of the sentence is underlined. Below are given alternatives to the underlined part, which may improve the sentence. Choose the correct alternative. In case no improvement is needed, choose the option that indicates 'No improvement'.

On the Internet, it is easier than ever to actually communicate a message to most number of people.

A. Many people

B. Large numbers of people

C. The most number of people

D. More number of people

1. Only C
2. A, C and D
3. B, C and D
4. A, B and C
5. No improvement

Testbook Solution Correct Option - 4

Que. 11 Below are given alternatives to the bold part at 1, 2, 3 and 4 which may improve the sentence. Choose the correct alternative. In case no improvement is needed, your answer is 5.

The bus was **too crowded** that we had to stand all the way.

1. so crowded
2. very crowded
3. so much crowded
4. very much crowded
5. No improvement

Testbook Solution Correct Option - 1

Que. 12 In the following question, a sentence is given with an idiom or phrase highlighted in bold. Select the option given below that replaces the phrase or idiom in bold and mark that as your answer. Ignore punctuation errors, if any.

The people who get on in this world are the people who get up and **look at the** circumstances they want, and if they cannot find them, make them.

1. look out
2. look for
3. look after
4. look forward to
5. No improvement

Testbook Solution Correct Option - 2

Que. 13 Rearrange the following five sentences/group of sentences (A), (B), (C), (D), and (E) in the proper sequence to form a meaningful paragraph; then answer the questions given below them.

(A) New behaviours can become automatic through the process of habit formation.

(B) A habit is a routine of behavior that is repeated regularly and tends to occur subconsciously.

(C) Habitual behavior often goes unnoticed in persons exhibiting it, because a person does not need to engage in self-analysis when undertaking routine tasks.

(D) A 2002 daily experience study by habit researcher Wendy Wood and her colleagues found that approximately 43% of daily behaviors are performed out of habit.

(E) The American Journal of Psychology defines a "habit, from the standpoint of psychology, as a more or less fixed way of thinking, willing, or feeling acquired through previous repetition of a mental experience."

Which of the following should be the LAST sentence after rearrangement?

1. A
2. B
3. C
4. D

5. E

Testbook Solution Correct Option - 1

Que. 14 Which of the following should be the FOURTH sentence after rearrangement?

1. A
2. B
3. C
4. D
5. E

Testbook Solution Correct Option - 4

Que. 15 Which of the following should be the THIRD sentence after rearrangement?

1. A
2. B
3. C
4. D
5. E

Testbook Solution Correct Option - 3

Que. 16 Which of the following should be the SECOND sentence after rearrangement?

1. A
2. B
3. C
4. D
5. E

Testbook Solution Correct Option - 5

Que. 17 Which of the following should be the FIRST sentence after rearrangement?

1. A
2. B
3. C
4. E
5. D

Testbook Solution Correct Option - 2

Que. 18 **Directions:** The given sentence has been broken into four parts. The error, if any, will be in one part of the sentence. Select the option which contains the error-less combination. If all are correct, mark Option 5 as your answer.

The penguins do loose(A)/ internal body heat to the (B)/ surrounding air through thermal radiation, (C)/ just as our bodies do on a cold day. (D)/ No error(E)

1. ABC
2. ABD
3. BDC
4. ACD
5. No error

Testbook Solution Correct Option - 3

Que. 19 Read the following sentence and determine whether there is an error in it. The error, if any, will be in one part of the sentence. If the sentence is error-free, then select 'No Error' as your answer.

The modern bourgeoisie society (A)/ has done away by (B)/ class antagonisms but has established (C)/ new conditions of oppression in place of the old ones. (D)

1. A
2. B
3. C
4. D
5. No error

Testbook Solution Correct Option - 2

Que. 20 Read the following sentence and determine whether there is any error in it. The error, if any, will be in one part of the sentence. If the sentence is error-free, then select 'No Error' as your answer.

Neither did they have a(A)/ discussion before implementing the plan(B)/ or did they inform the stakeholders(C)/ regarding the resources being utilised. (D)

1. A
2. B
3. C
4. D
5. No Error

Testbook Solution Correct Option - 3

Que. 21 Read the sentence below to find out if there is any error in it. The error, if any, will be in one part of the sentence. The letter of that part is the answer. If there is no error the answer is (5). (Ignore errors in punctuation if any).

In his bail order, Added sessions (A)/Judge Anil Kumar Pandey said considering(B)/ the seriousness of evidence,(C)/ the court didn't deem it fit to release the accused on bail(D)/No error(E).

1. A
2. B
3. C
4. D
5. E

Testbook Solution Correct Option - 1

Que. 22 Directions: Read the sentence to find out whether there is any error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is no error, the answer is (5). Ignore errors of punctuation, if any.

"Few well-wishers are enough to fight against thousands of haters because, /(A) in the end, good always wins over evil. So fear not, my friends, /(B) if you find hate coming in your way- have faith in yourself and the universe; /(C) everything will be alright," said the wise professor in his introductory speech to the batch. /(D)

1. A
2. B
3. C

4. D
5. No error

Testbook Solution Correct Option - 1

Que. 23 In the following question, two columns are given containing three phrases each. The phrases are labelled A, B, and C in the first column and P, Q, and R in the second column. A phrase from the first column may or may not connect with a phrase in the second column to make a grammatically and contextually meaningful sentence. Identify the correct option given below that gives the correct sequence in which one or more sentence can be formed. If none of the options makes it possible for a meaningful sentence to be formed, indicate 'None of these' as your answer.

Column 1	Column 2
(A) The Delhi High Court has ordered the DSLSA	(P) Thereafter, he switched off his phone.
(B) Justice M. Singh ordered that DSLSA should proceed	(Q) The Crime Branch on Sunday conducted multiple raids
(C) He left behind his wife and two minor daughters	(R) He said the Kejriwal government wasted six months

1. C-Q
2. A-R
3. C-Q and A-R
4. C-Q, A-R, and B-P
5. None of these

Testbook Solution Correct Option - 5

Que. 24 In the following question, two columns are given containing three phrases each. The phrases are labelled A, B, and C in the first column and D, E and F in the second column. A phrase from the first column may or may not connect with a phrase in the second column to make a grammatically and contextually meaningful sentence. Identify the correct option from those given below that gives the correct sequence in which one or more sentences can be formed. If none of the options makes it possible for a meaningful sentence to be formed, indicate 'No of these' as your answer.

Column 1	Column 2	
A. A new technology developed by Indian scientists for ecological restoration is helping	D. could sense light, moisture, gravity, pressure and possessed several other qualities	B-D and C-F A-F C-F
B. As early as in 1880, Charles Darwin demonstrated that plants	E. moisture contrasts known as weather fronts	A-D None of these
C. The major cause of rain production is moisture moving along three-dimensional zones of temperature and	F. in revival of mangroves degraded due to rising sea levels.	Testbook Solution Correct Option - 2

Que. 25 Directions: In the following question, 2 columns are given containing three phrases each. In the first column the phrases are A, B and C and the second column has phrases D, E and F. A phrase from the first column may or may not connect with a phrase from the second column to make a grammatically and contextually correct sentence. There are 5 options, 5 of which display the sequence(s) in which the phrases can be joined to form a grammatically and contextually correct sentence. If none of the options given forms a correct sentence after combination, select 'None of the above' as your answer.

Column 1	Column 2
A. Alice was infuriated with her husband's behavior	D. a lush green forest and babbling brooks.

B. The camp was surrounded on all sides by	E. when he misbehaved at the gala with all her co-workers.
C. There is a reason Samantha is laughing	F. so hard at Mark's hilarious jokes.

1. A - D
2. B - E and C - F
3. A - E, B - D and C - F
4. A - D, B - E and C - F
5. None of the above

Testbook Solution Correct Option - 3

Que. 26 In the following question, two columns are given containing three phrases each. In the first column phrases are A, B, and C and in the second column, the phrases are D, E, and F. A phrase from the first column may or may not connect with phrase from the second column to make grammatically and contextually correct sentence. There are five options, four of which display the sequence(s) in which the phrases can be joined to form a grammatically and contextually correct sentence. If none of the options forms a correct sentence after combination, select 'None of these' as your answer.

Column 1	Column 2
A. Israeli Prime Minister Naftali Bennett aims to dissuade the US President from returning to the Iran nuclear deal when	D. of a lucrative export during the pandemic has thrust people into poverty.
B. Natural disaster compounded by the collapse	E. a researcher with the British Antarctic Survey on May 13, 2015.
C. The iceberg, dubbed A-76, was spotted breaking away from the Ronne Ice Shelf in the Weddell Sea by	F. the two leaders meet at the White House for the annual bilateral dialogue.

1. A - F, B - E, C - D
2. B - F, C - E, A - D
3. A - F, B - D, C - E
4. A - E, B - F, C - D
5. None of these

Testbook Solution Correct Option - 3

Que. 27 Find out the most effective word from the given options to fill the blanks of the following question.

1. More than 300 graves were _____ by the invading army.
2. Because the priests were knowledgeable men, they never _____ the holy chambers
 1. Desecrated
 2. Dilapidated
 3. Convoluted

4. Persecuted
5. Devastated

Testbook Solution Correct Option - 1

Que. 28 Find out the most effective word from the given options to fill the blanks of the following question.

1. Only a couple of people I know share your _____ thoughts on those religious principles.
2. _____ banter between two people can ruin the mood of a party.
 1. Scintillating
 2. Subdued
 3. Aspirational
 4. Esoteric
 5. Empathetic

Testbook Solution Correct Option - 4

Que. 29 Find out the most effective word from the given options to fill in the blanks of the following questions.

He was killed in _____ during the Second World War.

The government is trying to _____ inflation by freezing salaries in the public sector.

1. yield
2. submit
3. surrender
4. defer
5. combat

Testbook Solution Correct Option - 5

Que. 30 In the following question, two columns are given containing three phrases each. The phrases are labelled A, B, and C in the first column and D, E and F in the second column. A phrase from the first column may or may not connect with a phrase in the second column to make a grammatically and contextually meaningful sentence. Identify the correct option from those given below that gives the correct sequence in which one or more sentences can be formed. If none of the options makes it possible for a meaningful sentence to be formed, indicate 'No of these' as your answer.

Column 1	Column 2
A. Rain can bring joy, as some consider it to be soothing or enjoy	D. important as a routine form of communication.
B. As communication technology has developed in recent history, posted letters on paper have become less	E. has existed in the form of legends, mythic tales, folk tales, fairy tales, fables and anecdotes in various ancient communities across the world.
C. The short story is one of the oldest types of literature and	F. the aesthetic appeal of it.

1. B-D and A-F
2. C-F
3. A-D
4. B-F
5. None of these

Testbook Solution Correct Option - 1

Que. 31 Study the table and answer the following question. Data regarding the number of people (educated and uneducated) who are attending the seminar.

Day	Number of educated (Males + Female)	Overall ratio uneducated: educated	Total number of males are attending the seminar
Sunday	620	6 : 5	350
Monday	450	4 : 5	340
Tuesday	340	7 : 5	420
Wednesday	250	4 : 5	400
Thursday	460	3 : 4	420

Note - Total number of people who are attending the seminar = Number of educated people + Number of uneducated people

Total number of people who are attending the seminar on Sunday was much percentage more than the people who are attending on the Thursday?

1. 88.59%
2. 92.89%
3. 69.44%
4. 53.69%
5. NOT

Testbook Solution Correct Option - 3

Que. 32 If 210 educated males attended the seminar on Thursday then what was the number of educated females who attended the seminar on Thursday?

1. 410
2. 310
3. 210
4. 250
5. 400

Testbook Solution Correct Option - 4

Que. 33 On Friday, if number of educated people (Males + Females) reduced by 40% and the number of uneducated people (Males + Females) was increased by 40 % as compared to Monday, then what was the difference between the number of educated and uneducated people who attended the seminar on Friday?

1. 234
2. 332
3. 210
4. 410
5. 510

Testbook Solution Correct Option - 1

Que. 34 What the ratio between the total number of educated people on Tuesday (male + female) and the total number of uneducated people on Monday?

1. 18 : 21
2. 17 : 18

3. 15 : 17
4. 19 : 22
5. None of these

Testbook Solution Correct Option - 2

Que. 35 What is the average number of educated people (Males + Females) who attended the seminar on Sunday, Tuesday, and Wednesday?

1. 450.6
2. 400.3
3. 500.2
4. 300.5
5. 403.3

Testbook Solution Correct Option - 5

Que. 36 In the given questions, two equations numbered I and II are given. You have to solve both the equations and mark the appropriate answer.

I. $x^2 - 8\sqrt{3}x + 45 = 0$

II. $y^2 - 10\sqrt{2}y + 32 = 0$

1. $x > y$
2. $x < y$
3. $x \geq y$
4. $x \leq y$
5. $x = y$, no relation found between x and y

Testbook Solution Correct Option - 5

Que. 37 In the given questions, two equations numbered I and II are given. You have to solve both the equations and mark the appropriate answer.

I. $x^2 + 20x + 91 = 0$

II. $y^2 - 21y + 80 = 0$

1. $x > y$
2. $x < y$
3. $x \geq y$
4. $x \leq y$
5. $x = y$ or no relation found between x and y

Testbook Solution Correct Option - 2

Que. 38 In the given question, two equations numbered I and II are given. Solve both the equations and mark the appropriate answer.

I. $8x^2 - 6x - 35 = 0$

II. $4y^2 + 28y + 49 = 0$

1. $x > y$
2. $x < y$
3. $x \geq y$
4. $x \leq y$
5. $x = y$ or relationship between x and y cannot be established

Testbook Solution Correct Option - 1

Que. 39 In the given question, two equations numbered I and II are given. Solve both the equations and mark the appropriate answer.

I. $3x^2 - 4x - 32 = 0$

II. $7y^2 - 8y - 12 = 0$

1. $x > y$
2. $x < y$
3. $x \geq y$
4. $x \leq y$
5. $x = y$ or relation between x and y can not be established.

Testbook Solution Correct Option - 5

Que. 40 In the given question, two equations numbered I and II are given. Solve both the equations and mark the appropriate answer.

I. $9x^2 - 29x + 22 = 0$

II. $2y^2 - 17y + 36 = 0$

1. $x > y$
2. $x < y$
3. $x \geq y$
4. $x \leq y$
5. $x = y$ or relation between x and y can not be established.

Testbook Solution Correct Option - 2

Que. 41 Satish is a Manager in a sales department of the company and under him three team leaders Ashu, Tapan and Suman work, each team leader has five members each and average sales by the team of Ashu, Tapan and Suman is 67, 72 and 48 respectively, the avg sales include the sales done by team leaders also, if the average target sales for the month is 63, how much sales Satish have to do to reach the target?

1. 65
2. 68
3. 70
4. 75
5. 56

Testbook Solution Correct Option - 4

Que. 42 Out of total monthly salary of Bhaumik spends 30% of his monthly salary on Rent and 15 % on travelling expenses. 35% of the remaining monthly salary for food and while the remaining salary is saved which is equal to Rs. 14300, if his salary is increased by 10% but expense remains same how much money will he save monthly?

1. Rs 17200
2. Rs 18300
3. Rs 15500
4. Rs 24000
5. Rs 16500

Testbook Solution Correct Option - 2

Que. 43 The ages of A, B and C together is 65 years. B is $\frac{2}{3}$ of A and C is 9 years older than A. Then, what is the ratio of the respective age of C, A and B?

1. 15 : 21 : 7
2. 30 : 31 : 14
3. 30 : 21 : 12
4. 30 : 21 : 14
5. None of these

Testbook Solution Correct Option - 4

Que. 44 Maggie lends a sum of money at R% simple interest for R years such that the sum received by him is $\frac{4}{16}$ times more of what he lends. Find the value of R.

1. 5.5
2. 5
3. 7
4. 6.5
5. None of these

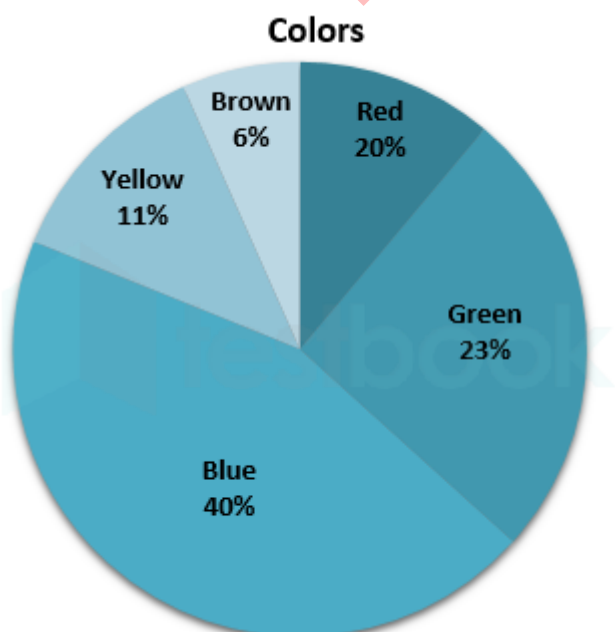
Testbook Solution Correct Option - 2

Que. 45 If X can complete a piece of work in 20 days and X and Y takes $\frac{60}{7}$ days to complete the same work when they both work together then find how much efficient is Y with respect to X.

1. $(\frac{20}{3})\%$
2. $(\frac{74}{3})\%$
3. $(\frac{100}{3})\%$
4. $(\frac{91}{3})\%$
5. $(\frac{31}{3})\%$

Testbook Solution Correct Option - 3

Que. 46 **Directions:** A survey was conducted on a group of people which consisted of 40000 people from different professions given below in the Pie-chart about the colour preference of the people. Study the pie chart and answer the questions that follow.



Profession	Percentage
------------	------------

Doctor	10
Painter	40
Research Analyst	30
Professor	20

How many people like green or blue colour?

1. 20000
2. 25600
3. 21200
4. 25200
5. 34500

Testbook Solution Correct Option - 4

Que. 47 If 40% of the doctors have red as their favourite colour, then how many of other people like red colour too?

1. 3200
2. 8400
3. 4800
4. 6000
5. 6400

Testbook Solution Correct Option - 5

Que. 48 What is the difference between the number of people who like red and those who like the yellow colour?

1. 3000
2. 2400
3. 2800
4. 3800
5. 3600

Testbook Solution Correct Option - 5

Que. 49 How many numbers of painters and professors like blue colour if 30% of painters and 10% of professors like the blue colour.

1. 4800
2. 5600
3. 4000
4. 4600
5. None of the above

Testbook Solution Correct Option - 2

Que. 50 What is the total number of people who like Brown colour?

1. 3400
2. 1200
3. 1300
4. 1800

5. 2400

Testbook Solution Correct Option - 5

Que. 51 A mixture has 12 litres of milk and 20 litres of water. 6.4 litres of mixture is drawn out and replaced with milk. Find the final ratio of milk and water.

1. 1 : 2
2. 2 : 1
3. 2 : 3
4. 1 : 1
5. 3 : 2

Testbook Solution Correct Option - 4

Que. 52 A train left A for B. Travelled for $\frac{3}{4}$ th distance between the A and B which is 540 km, train was stopped by signal for 1 hour. To cover the distance, train speed is increased by 15 kmph. Find the increased speed of the train.

1. 40 kmph
2. 55 kmph
3. 65 kmph
4. 47 kmph
5. 60 kmph

Testbook Solution Correct Option - 5

Que. 53 A boat can travel 20 km downstream in 50 min. If the speed of water is 20% of the speed of the boat downstream, how much time a boat will take to travel 60 km upstream?

1. 250 min
2. 275 min
3. 240 min
4. 280 min
5. None of these

Testbook Solution Correct Option - 1

Que. 54 Alpha and Beta sold their Fridge at Rs. 75000 each, in which Alpha got a profit of 30% and Beta incurred loss of 30%. Find the ratio of the C.P of the Fridge sold by Alpha to that of Beta.

1. 13 : 7
2. 7 : 13
3. 6 : 7
4. 7 : 6
5. 5 : 7

Testbook Solution Correct Option - 2

Que. 55 A shopkeeper allows an discount on cashless payments. The marked price of an article is Rs.5000. He sold two article one with discount and other with without discount. The difference between the selling price of an article is Rs.500. Find the cost price of an article if total profit percentage he had is 18.75%.

1. Rs.5500
2. Rs.4500

3. Rs.4800
4. Rs.4000
5. Rs.3500

Testbook Solution Correct Option - 4

Que. 56 **Directions:** Read the following information and answer the following questions.

The percentage of students who passed the examination of the respective subjects is given below. The percentage of students who passed the examination of Mathematics only, Social only and Science only is 7%, 8%, and 9% respectively. The percentage of students who passed the examination of Mathematics and Science only, Mathematics and Social only and Social and Science only is 14%, 13%, and 12% respectively. The percentage of students who passed the examination of all subjects is 31%.

The total number of students appearing for the examination of three subjects Science, Social and Mathematics are 1800.

Find the number of students who failed in all the three subjects.

1. 98
2. 118
3. 102
4. 108
5. None of these

Testbook Solution Correct Option - 4

Que. 57 Find the number of students who passed in exactly two subjects.

1. 702
2. 752
3. 652
4. 812
5. None of these

Testbook Solution Correct Option - 1

Que. 58 Find the number of students who passed in only one subject.

1. 182
2. 192
3. 172
4. 272
5. None of these

Testbook Solution Correct Option - 5

Que. 59 Find the number of students who passed in subject Science .

1. 1288
2. 1818
3. 1188
4. 1178
5. None of these

Testbook Solution Correct Option - 3

Que. 60 Find the number of students who passed all the three subjects if the total number of students is 2500.

1. 875
2. 825
3. 775
4. 750
5. None of these

Testbook Solution Correct Option - 3

Que. 61 What should come in place of the question mark '?' in the following number series?
2, 11, 54, 215, 644, ?

1. 1280
2. 1278
3. 1287
4. 1295
5. None of these

Testbook Solution Correct Option - 3

Que. 62 What should come in place of the question mark '?' in the following number series?
3, 24, 96, ?, 192, 96

1. 190
2. 196
3. 194
4. 180
5. None of these

Testbook Solution Correct Option - 5

Que. 63 What should come in place of a question mark '?' in the following number series?
18, 56, 29, 47, ?, 42

1. 31
2. 38
3. 35
4. 36
5. None of these

Testbook Solution Correct Option - 4

Que. 64 What should come in place of the question mark '?' in the following number series?
3, ?, 16, 35, 29, 48

1. 22
2. 20
3. 21
4. 23
5. None of these

Testbook Solution Correct Option - 1

Que. 65 What should come in place of the question mark '?' in the following number series?
510, ?, 210, 160, 135, 122.5

1. 315
2. 310
3. 290
4. 350
5. None of these

Testbook Solution Correct Option - 2

Que. 66 **Direction:** Study the following information carefully and answer the given questions.

In a certain code language,

sun is heated but nice well → ctd awr tux fou nyc kpx

cool girls home are sun → ctx tux nxw pqr sit

laptop home but girls well → pqr tar ctd nxw fou

try pour heated sun cool → nyc tux nor pst sit

well cool love great health → sit pox asw fou ktr

What is the code for the word "great health"

1. pox asw
2. ktr pox
3. asw sit
4. Either Option 1 or 2
5. Cannot be determined

Testbook Solution Correct Option - 5

Que. 67 What will be the code for the word "heated are home well cool girls"

1. asw sit pqr ctd fou nyc
2. abw sit pqr ctx fou awr
3. nyc sit pst ctx fou pox
4. nyc sit pqr ctx fou nxw
5. nyc fou kpx ctx pox asw

Testbook Solution Correct Option - 4

Que. 68 Which word is used for the code "nor tux"

1. pour great
2. great sun
3. try sun
4. try pour
5. try heated

Testbook Solution Correct Option - 3

Que. 69 What is the code for "heated laptop health are sun"

1. tar nyc tux ctx ktr

2. tux nyc tar fou pst
3. tux ctx nyc tar asw
4. Either Option 1 or 3 is correct
5. Either Option 2 or 3 is correct

Testbook Solution Correct Option - 4

Que. 70 What is the code for "well but cool" ?

1. asw ktr ctx
2. fou ctd pst
3. pox awr nor
4. fou ctd sit
5. None of these

Testbook Solution Correct Option - 4

Que. 71 **Direction:** Read the following information carefully and answer the given questions:

Eight person P, Q, R, S, T, U, V and W were born in different years 1982, 1986, 1990, 1993, 1996, 1999, 2000, and 2009 but not necessarily in the same order. It is assumed that all of them were born on the same date of different years. All the ages calculations are done taking the base year as 2021. Two persons were born between R and Q. The age of R is a perfect square of 5. One person was born between Q and W. Three persons were born between W and V. P is younger to V and elder to R. The age of P is multiple of 7. The Sum of V's age and S's age is 56. The difference between the age of S and the age of T is 18.

Who was born in 1990?

1. U
2. V
3. P
4. S
5. T

Testbook Solution Correct Option - 1

Que. 72 In which year P was born?

1. 1999
2. 1996
3. 1993
4. 2000
5. 2009

Testbook Solution Correct Option - 3

Que. 73 What is the sum of R's age and Q's age?

1. 66
2. 37
3. 40
4. 74
5. 43

Testbook Solution Correct Option - 2

Que. 74 What is the age of U?

1. 31
2. 35
3. 39
4. 12
5. 22

Testbook Solution Correct Option - 1

Que. 75 What is the difference between the age of T and W?

1. 17
2. 13
3. 10
4. 6
5. 16

Testbook Solution Correct Option - 1

Que. 76 **Direction:** In the following questions, assuming the given statements to be true, find which of the two conclusions I and II given them is/are definitely follow.

Statements :

$$J = K < M \leq P > Q, S \geq U = V > K$$

Conclusions :

I. $U \leq P$

II. $V \geq M$

1. Only conclusion I follows.
2. Only conclusion II follows.
3. Both conclusion I and II follow.
4. Neither conclusion I nor conclusion II follows.
5. Either conclusion I or conclusion II follows.

Testbook Solution Correct Option - 4

Que. 77 **Direction:** In the following questions, assuming the given statements to be true, find which of the two conclusions I and II given them is/are definitely follow.

Statement :

$$R = M \geq T \leq A, A = S > P > W, L > Q = S$$

Conclusions :

I. $R > Q$

II. $Q \geq M$

1. If only conclusion I is true.
2. If only conclusion II is true.
3. If either conclusion I or II is true.
4. If both conclusion I and II are true.
5. If neither conclusion I nor II is true.

Testbook Solution Correct Option - 3

Que. 78

Direction: In the following questions, assuming the given statements to be true, find which of the two conclusions I and II given them is/are definitely follow.

Statements:

$Y < U = T < P, A > Q, Q > W > Z > J > Y.$

Conclusions:

I. $Z > W$

II. $W \geq Z$

1. Only conclusion II is true
2. Either conclusion I or II is true
3. Both conclusion I and II are true
4. Neither conclusion I nor II is true
5. Only conclusion I is true

Testbook Solution Correct Option - 4

Que. 79 Direction: In the following questions, assuming the given statements to be true, find which of the two conclusions I and II given them is/are definitely follow.

Statement:

$K > J, K < Q, I = A, I > G, I > J$

Conclusions:

I. $I > K$

II. $G > J$

1. Only conclusion II is true
2. Either conclusion I or II is true
3. Both conclusion I and II are true
4. Neither conclusion I nor II is true
5. Only conclusion I is true

Testbook Solution Correct Option - 4

Que. 80 Direction: In the following questions, assuming the given statements to be true, find which of the two conclusions I and II given them is/are definitely follow.

Statement:

$K > Q > E \geq T = U \geq D \leq Y; S = A \geq T;$

Conclusions:

I. $S = D$

II. $A > D$

1. Only conclusion I is true
2. Only conclusion II is true
3. Both conclusion I and II are true
4. Either conclusion I or II is true
5. Neither conclusion I nor II is true

Testbook Solution Correct Option - 4

Que. 81 **Direction:** Read the following information carefully and answer the question that follows.

Ten persons A, B, C, D, E, F, G, H, I and J live on five different floors of a building but not necessarily in the same order. The bottom-most floor is numbered 1, the floor above it is numbered 2 and so on till topmost floor which is numbered as 5. There are two flats on each floor- flat – X and flat – Y from

west to the east such that flat – X is west of flat – Y. Flat – X of the floor – 2 is exactly above the flat – X of the floor – 1 and exactly below the flat – X of the floor – 3 and so on. Similarly, flat – Y of the floor – 2 is exactly above the flat – Y of floor – 1 and exactly below the flat – Y of the floor – 3 and so on.

C lives North West of D and southwest of A. E lives on the northwest of H. Three floors are there between the F and B, which is living in the odd flat. Two floors are between B and I, which is the living left of person A. D living on the same floor as B. Two floors are there between J and C and both are at same in same flat number.

Who is living at the immediately left of person who live in third floor of flat Y?

1. A
2. B
3. E
4. D
5. G

Testbook Solution Correct Option - 3

Que. 82 Four of the following are alike in certain way hence form a group. Find the one which does not belongs to the group?

1. C - H
2. I - A
3. B - D
4. E - G
5. C - D

Testbook Solution Correct Option - 5

Que. 83 Who is living in the south east of the person C?

1. A
2. D
3. J
4. G
5. E

Testbook Solution Correct Option - 2

Que. 84 Which of the following statement is true?

1. D lives immediately above H
2. B lives in Flat X
3. D lives in Flat Y
4. No one lives below C
5. No is true.

Testbook Solution Correct Option - 2

Que. 85 The number of floors above G is same as the number of floors below _____ ?

1. A
2. H
3. F
4. E

5. C

Testbook Solution Correct Option - 4

Que. 86 If it is possible to make only one 4 letters meaningful word without repetition of the letter with the second, third, fifth and the seventh letters of the word 'SIMPLIFY', which would be the third letter from the left of the word? If more than one such word can be formed, give X as the answer. If no such word can be formed, give K as your answer.

1. F
2. L
3. I
4. K
5. X

Testbook Solution Correct Option - 2

Que. 87 **Directions:** Study the following information and answer the questions following.

Six persons M, N, O, P, Q and R sit around the circular table facing north direction. N sits second to the left of R. O sits opposite to P. Q sits second to the right of M but not adjacent to O. Who sits opposite to M?

1. Q
2. P
3. N
4. O
5. R

Testbook Solution Correct Option - 3

Que. 88 **Directions:** Read the following information carefully and answer the given questions:

There are eight persons: A, B, C, D, E, F, G, and H in a bank at different designations: MD, GM, AGM, DGM, Manager, AM, PO, and Clerk from higher to lower positions. They all like different colors - Red, Yellow, Green, Blue, Black, Pink, Grey, and White. As many persons are senior to C as junior to F who is senior to at least five persons. B is immediately junior to D. Only three persons are junior to the one who likes Yellow. C is not the Clerk in the bank. A does not like Yellow and C does not like White. The one who likes Blue is junior to the one who likes Red but senior to the one who likes Pink. Three posts are there between A and H. I is a senior to G. The one who likes Green is the MD. The one who likes Red is the fourth senior to the one who likes White. A is junior to F but senior to C. H likes Black. I neither likes White nor Green.

Who among the following is the DGM in the Bank?

1. B
2. The one who likes Red
3. The one who likes Blue
4. C
5. Cannot be determined

Testbook Solution Correct Option - 3

Que. 89 Who likes Grey?

1. D
2. B
3. G

4. A
5. C

Testbook Solution Correct Option - 2

Que. 90 Which color does F like?

1. White
2. Blue
3. Yellow
4. Green
5. Red

Testbook Solution Correct Option - 5

Que. 91 The person who likes Pink is on which designation?

1. AM
2. Manager
3. GM
4. PO
5. Clerk

Testbook Solution Correct Option - 1

Que. 92 Who is the PO in the bank?

1. C
2. G
3. H
4. B
5. F

Testbook Solution Correct Option - 2

Que. 93 **Direction:** These questions are based on the following information.

At a family gathering, there are 7 members present – A, B, C, D, E, F, and G. B is the sister of E. C is the father of G, who is spouse of A. F is the son of D, who is the mother of G, who is female. E is the son of A. There are two couples present at the gathering.

How F is related to A in this gathering?

1. Father
2. Brother-in-law
3. Uncle
4. Father-in-law
5. Brother

Testbook Solution Correct Option - 2

Que. 94 How C is related to A in this gathering?

1. Father
2. Brother
3. Uncle
4. Father-in-law

5. Brother-in-law

Testbook Solution Correct Option - 4

Que. 95 Who is the grandmother of E in this gathering?

1. C
2. F
3. D
4. G
5. A

Testbook Solution Correct Option - 3

Que. 96 **Directions:** Study the information given below carefully and answer the questions that follow.

10 people seats in the two rows consist of five seats in each. One row is facing north and the other is facing south such that both rows face each other. A, B, C, D, and E are sitting in the south-facing row and P, Q, R, S, and T are facing in the north-facing row.

D is sitting second to the left of the person who is facing R. A is sitting to the immediate right of the person who is facing Q. B is sitting third to the right of the person who is facing S. E is not sitting next to D. P is facing the person who is sitting to the immediate right of B. T is sitting second to the left of S.

Who is sitting opposite S?

1. C
2. D
3. A
4. E
5. B

Testbook Solution Correct Option - 1

Que. 97 Who is sitting second to the right of the person who is facing B?

1. D
2. E
3. S
4. Q
5. T

Testbook Solution Correct Option - 4

Que. 98 Four of the following five are alike based on the seating position and thus form a group. Which of the following does not belong to the group?

1. P
2. C
3. S
4. E
5. D

Testbook Solution Correct Option - 5

Que. 99 Who is sitting opposite A?

1. S
2. P

3. T
4. Q
5. R

Testbook Solution Correct Option - 3

Que. 100 Who are the immediate neighbors of Q?

1. PR
2. PS
3. TS
4. TP
5. RT

Testbook Solution Correct Option - 3

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