Ssc Cgl Tier I Previous Year Question Paper Overview

Here, you can solve all the questions asked in Ssc Cgl Tier I Previous Year Question Paper on 2021-08-20 in the Morning exam. The detailed solutions are also provided for every previous year question and some of these questions can be asked again in your Ssc Cgl Tier I exam. There are 100 questions in the exam and 60 minutes are provided for the Ssc Cgl Tier I exam. The Cutoff of the exam was 140 marks hence you should try to score at least 150 marks.

Ssc Cgl Tier I Previous Year Question Paper : Questions and Solutions

Question 1 :
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

Difficulty : Moderate   Average Time : 46 Seconds

Options :
1. M, D, P, N, J, N, O
2. P, M, D, N, J, O, N
3. P, D, M, J, N, O, N
4. M, D, N, P, N, J, O

Solution :

The correct answer is **option 3** i.e. **P, D, M, J, N, O, N**.

The sequence is – O, K, T, R, C, S, C

Given sequence: JL _ N _ J _ PND _ NP _ DJ _ P _ D

Option 1: M, D, P, N, J, N, O

JL **M** N **D** / J **P** PND / **N** NP **J** D / J **N** P **O** D

Option 2: P, M, D, N, J, O, N

JL **P** N M / J **D** PND / N NP **J** D / J **O** P **N** D

Option 3: P, D, M, J, N, O, N

JL **P** N **D /** J **M** PND / **J** NP **N** D / J **O** P **N** D

Option 3 forms a particular pattern.

Hence, **option 3** is the correct answer.

Question 2 :
Select the most appropriate option to fill in the blank. Credit card _____ has increased in recent years.

Difficulty : Moderate

Average Time : 87 Seconds

Options :

1. fraud

2. flake

3. freed

4. fluke

Solution :
The correct answer is **Option 1** i.e. **fraud**.

The given sentence is talking about the increase in the act of credit card cheating. Therefore, the most appropriate word to be filled in the blank is '**fraud**'.

The word '**fraud**' means '**an act of cheating somebody in order to get money, etc. illegally.'**

The sentence is: **Credit card fraud has increased in recent years.**

Hence, the correct answer is **Option 1** i.e. **fraud**.

Question 3 :
Select the most appropriate ANTONYM of the given word. Blemish

Difficulty : Moderate

Average Time : 53 Seconds

Options :

1. Damage

2. Stain

Page No: 2

Discolouration

4. Perfection

Solution :

The correct answer is **Option 4** i.e. **Perfection**.

The given word '**Blemish**' means '**a small mark or flaw which spoils the appearance of something.'**

Let's see the meaning of given words:

- **Stain** - a colored patch or dirty mark that is difficult to remove.
- **Perfection** - the state of being perfect or without fault.
- **Discoloration** - the process of becoming discolored or the state of being discolored.
- **Damage** - harm or injury caused when something is broken or spoiled.

After going through the meanings, we find that the most appropriate antonym of the words '**Blemish**' is '**Perfection**'.

Hence, the correct answer is **Option 4** i.e. **Perfection**.

Question 4 :
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."

Difficulty : Moderate	Average Time : 74 Seconds

Options :

1. The professor said to the media persons from our research you had come to the conclusion that there was life on that planet.

2. The professor told to the media persons that from your research you have come to the conclusion that there is 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 informed the media persons that from our research we have come to the conclusion that there had been life on that planet.

Solution :

The correct answer is **Option 3** i.e. **The professor said to the media persons that from their research they had come to the conclusion that there was life on that planet.**

The given sentence is in direct speech, to convert this sentence into indirect speech we need to follow the following points:

Inverted commas will get omitted and '**that**' will be used.

- In assertive sentences which does not have a direct personal object like in the given sentence, the reporting verb '**said**' remains unchanged.
- In the reporting speech, the first-person pronoun "**our**" becomes the third-person pronoun "**their**" and the first-person pronoun "**we**" becomes the third-person pronoun "**they**".
- The present perfect tense format 'Subject + have + V_1 (come) + Object will be changed into the past perfect tense format 'Subject + had + Vâ,• (come) + Object.
- The present simple tense formal 'Subject + V_1 (is) + Object' will be changed into the past simple tense format 'Subject + Vâ,, (was) + Object.

After following these steps, we got the indirect speech as: **The professor said to the media persons that from their research they had come to the conclusion that there was life on that planet.**

Hence, the correct answer is **Option 3** i.e. **The professor said to the media persons that from their research they had come to the conclusion that there was life on that planet.**

Question 5 :

In October 2020, _____ Indian beaches were awarded the 'Blue Flag' certification by an international jury comprising eminent members such as UNEP, UNWTO, FEE and IUCN.

Difficulty : Moderate   **Average Time : 130 Seconds**

Options :

1. 4
2. 6
3. 8
4. 10

Solution :

The correct answer is **option 3** i.e. **8.**

- An international jury made up of representatives from the following groups has recognized eight Indian beaches with the prestigious "Blue Flag" certification:

1. The International Union for Conservation of Nature (IUCN).
2. World Tourism Organization (UNWTO).
3. United Nations Environment Programme (UNEP).
4. Foundation for Environmental Education (FEE).

The beaches were:

1. Padubidri beach - Karnataka
2. Kasarkod beach - Karnataka
3. Rushikonda beach - Andhra Pradesh
4. Shivrajpur beach - Gujarat
5. Golden/ Puri beach - Odisha
6. Ghogha beach - Diu
7. Radhanagar beach - Andaman & Nicobar Islands
8. Kappad beach - Kerela

Question 6 :

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?

Difficulty : Moderate   **Average Time : 70 Seconds**

Options :

1. Tamil Nadu

2. Goa

3. Gujarat

4. Kerala

Solution :

The correct answer is **option 4** i.e. **Kerala**.

- Kerala won the honour from the UN for its "outstanding contribution" to the sustainable development goals pertaining to non-communicable diseases.
- World Health Organization director-general Tedros Adhanom Ghebreyesus announced the UN Interagency Task Force (UNIATF) prize for the prevention and control of non-communicable diseases this year.
- The honour honours contributions made in 2019 to the broad NCD-related Sustainable Development Goals, as well as multisectoral efforts to prevent and control NCDs and improve mental health.

Question 7 :

Which of the following minerals produces green colour in fireworks?

Difficulty : Moderate   **Average Time : 52 Seconds**

Options :

Sodium

2. Barium

3. Zinc

4. Copper

Solution :

The correct answer is **option 2** i.e. **Barium**.

- Calcium chloride, sodium nitrate, barium chloride, copper chloride, and other metal salts are frequently used in fireworks displays.
- Barium is responsible for the green flame that fireworks emit.
- Copper is what causes the flame to turn blue.
- Calcium is what causes the orange flame to appear.
- The presence of sodium causes a yellow flame.
- Fireworks get their crimson colour from lithium.

Question 8 :

How many triangles are there in the given figure?

Difficulty : Moderate

Average Time : 50 Seconds
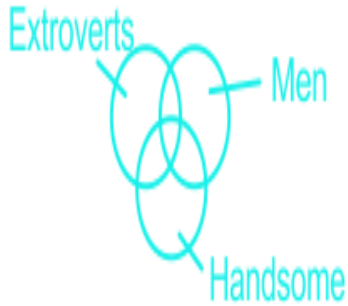
Options :

1. 7

2. 9

3. 10

4. 8

Solution :

The correct answer is **option 4** i.e. **8.**

8 triangles: EDF, CEG, BEH, AEI, EIK, EIJ, IJK, AEK.

Question 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?
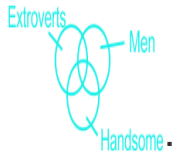
Difficulty : Moderate   **Average Time : 43 Seconds**

Options :

1.

2.

3.

4.

Solution :

The correct answer is **option 2**

After unfolding, the paper will appear as follows:

Question 10 :
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'.

Difficulty : Moderate   **Average Time : 71 Seconds**

Options :

1. J

2. G

3. H

4. I

Solution :

The correct answer is **option 2** i.e. **G.**

In both dice, J is common. So, start rotating either in the clockwise or anticlockwise direction.

Clockwise direction:

Dice 1: J F I

Dice 2: J G H

So, F is opposite to G.

Anticlockwise direction:

Dice 1: J I F

Dice 2: J H G

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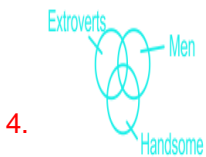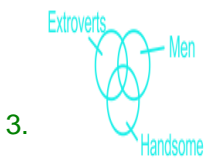So, F is opposite to G.
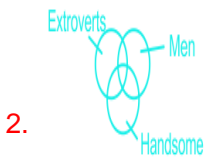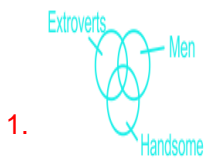
Hence, **option 2** is the correct answer.

Question 11 :
Select the figure among the given options that can replace the question mark (?) in the following series.

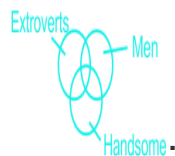**Difficulty : Moderate**   **Average Time : 54 Seconds**

Options :

1.

2.

3.

4.

Solution :

The correct answer is **option 3** .

The logic used here is:

The triangle and the trapezium are rotating in the clockwise direction and two steps ahead of the previous position.

The series of figures:

Question 12 :

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

Difficulty : Moderate

Average Time : 73 Seconds

Options :

1.

2.

3.

4.

Solution :

The correct answer is **option 3** .

The mirror image of the question figure is shown below:

Since the mirror is placed right to the question figure, the right-hand side of the original image will be now the left-hand side of the mirror image.

Hence, **option 3** is the correct answer.

Question 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. 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."

Difficulty : Moderate

Average Time : 88 Seconds

Options :
1. ABDC
2. BCDA
3. DCBA
4. BADC

Solution :
The correct answer is **Option 4** i.e. **BADC.**

While arranging the parts of the passage, we should find some grammatical or contextual connections between them. Also, the first sentence of a passage is usually independent and introduces a topic. The second one provides more information about it.

Steps to arrange the sentences in the correct order to form a meaningful and coherent paragraph:

- Sentence B is the independent sentence as it is giving general information about "a necessity or obligation by Laxmi to speak to her Dad". So, **sentence B** is the first sentence after rearrangement.
- **Sentence A** will come after sentence B as it is talking about Laxmi's Dad allowing her to speak.
- **Sentence D** will come after sentence A as it is giving information about Laxmi's polite request to her Dad for a scooter.
- The **sentence C** is the concluding part because it is talking about Dad's thoughts on whether to buy a scooter for Laxmi or not.
- Thus, the correct order after rearrangement is **option 4** i.e. **BADC.**

The paragraph is: **Laxmi: "Dad. I need to speak to you." Dad: "Yes, tell me." Laxmi: "Please buy me a scooter." Dad: "I think you are still too young for it."**

Hence, the correct answer is **Option 4** i.e. **BADC.**

Question 14 :
Select the most appropriate ANTONYM of the given word. Anxiety

Difficulty : Moderate

Average Time : 98 Seconds

Options :
1. Nervousness
2. Panic

Restlessness

4. Certainty

Solution :

The correct answer is **Option 4** i.e. **Certainty**.

The given word '**Anxiety'** means '**a feeling of worry or fear, especially about the future.'**

Let's see the meaning of the given words:

- **Restlessness**- the inability to rest or relax as a result of anxiety or boredom.
- **Nervousness** - the quality or state of being nervous.
- **Certainty** - something that is sure to happen.
- **Panic** - a sudden feeling of fear that cannot be controlled and stops you from thinking clearly.

The most appropriate antonym of the given word is '**Certainity'.**

Hence, the correct answer is **Option 4** i.e. **Certainty**.

Question 15 :

In a certain code language, 'RAJ' is coded as '87', and 'GITA' is coded as '148'. How will 'VARUN' be coded in that language?

Difficulty : Moderate   **Average Time : 70 Seconds**

Options :

1. 176

2. 403

3. 380

4. 234

Solution :

The correct answer is **option 3** i.e. **380.**

The logic used here is:

'RAJ' is coded as '87'

RAJ = 18 + 1 + 10 = 39

Number of letters in the word RAJ = 3

Code for the word RAJ = 39 × 3 = 87

'GITA' is coded as '148'

GITA = 7 + 9 + 20 + 1 = 37

Number of letters in the word GITA = 4

Code for the word GITA = 37 × 4 = 148

Similarly,

Code for the word VARUN:

VARUN = 22 + 1 + 18 + 21 + 14 = 76

Number of letters in the word VARUN = 5

Code for the word VARUN = 76 × 5 = 380

Hence, **option 3** is the correct answer.

Question 16 :
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 of 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?

Difficulty : Moderate

Average Time : 68 Seconds

Options :

1. 15: 18: 11

2. 25: 16: 13

3. 5: 8: 7

4. 23: 18: 11

Solution :

The correct answer is **option 1** i.e. **15: 18: 11.**

Income ratio: 12x : 9x : 7x

Expenditure ratio: 15y : 9y : 8y

We know that;

Savings = Income - Expenditures

Savings ratio 12x - 15y : 9x - 9y : 7x - 8y

Given:

Ankit saves 25% of his income for future investments

12x - 15y = 25% of 12x

 12x - 15y = 3x

 9x = 15y

 x / y = 15 / 9

So, x = 15; y = 9

Substitute this value in the savings ratio equation to get the savings ratio of all three.

 12x -15y : 9x - 9y : 7x - 8y

 (180 - 135) : (135 - 81) : (105 - 72)

 45 : 54 : 33

 15 : 18 : 11

Hence, **option 1** is the correct answer.

Question 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.

Difficulty : Moderate

Average Time : 69 Seconds

Options :
1. (812, 121)
2. (547, 258)
3. (723, 144)
4. (546, 225)

Solution :

The correct answer is **option 2** i.e. **(547, 258).**

The logic used here is:

Square of the sum of the numbers of the first number = 2nd number

Option 1: (812, 121)

$812 = 8 + 1 + 2 = 11^2 = 121$

Option 2: (547, 258)

$547 = 5 + 4 + 7 = 16^2 = 256$

This does not follow the logic.

Hence, **option 2** is the odd one out.

Question 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 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.

Difficulty : Moderate   **Average Time : 61 Seconds**
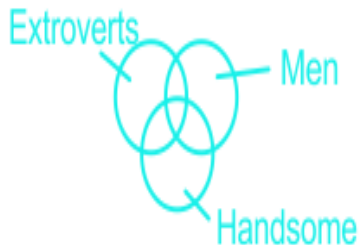
Options :

1. Only conclusion II follows

2. Both conclusions I and II follow

3. Only conclusion I follows

4. Neither conclusion I nor II follows

Solution :
The correct answer is **option 1** i.e. **Only conclusion II follows**.

The least possible Venn Diagram for the given statements is drawn below:

Conclusions:

I. All chains are medals **False** (It is possible but no definite conclusion can be drawn).

II. All medals being rings is a possibility **True** (It is possible).

Hence, **Only conclusion II follows**.

Question 19 :
Select the option in which the words share the same relationship as that shared by the given pair of words. Pulmonologist: Lungs

Difficulty : Moderate   **Average Time : 63 Seconds**

Options :
1. Ophthalmologist: Ears
2. Nephrologist: Nerves
3. Endocrinologist: Glands
4. Bones: Orthopaedic

Solution :

The correct answer is **option 3** i.e. **Endocrinologist: Glands.**

The logic used here is:

Pulmonologist: Lungs

A pulmonologist is a doctor who specializes in lung conditions.

Similarly,

Endocrinologist: Glands

An endocrinologist is a doctor that treats diseases related to problems with hormones.

Hence, **option 3** is the correct answer.

Question 20 :
Select the correct combination of mathematical signs that can sequentially replace the * signs and make the equation correct. 45 * 24 * 72 * 20 * 12 * 7

Difficulty : Moderate   **Average Time : 49 Seconds**

Options :
1. ×, ÷, =, −, +

  ÷, ×, +, −, =

3. =, ×, +, ÷, −

4. +, ÷, −, =, ×

Solution :

The correct answer is **option 1** i.e. **×, ÷, =, −, +.**

Given equation: 45 * 24 * 72 * 20 * 12 * 7

Let us check all the options:

Option 1: ×, ÷, =, −, +

The expression becomes:

= 45 × 24 ÷ 72 = 20 - 12 + 7

= 15 is equal to 15.

As we have found our answer, we need not check the other options.

Hence, **option 1** is the correct answer.

Question 21 :
Select the option in which the numbers are related in the same way as the numbers of the following set. (12, 121, 169)

Difficulty : Moderate   **Average Time : 53 Seconds**

Options :

1. (14, 196, 225)

2. (16, 161, 256)

3. (11, 144, 196)

4. (17, 256, 324)

Solution :

The correct answer is **option 4** i.e. **(17, 256, 324).**

The logic used here is:

(12, 121, 169)

$(12 - 1)^2 = 11^2 = 121$

$(12 + 1)^2 = 13^2 = 169$

Similarly,

(17, 256, 324)

$(17 - 1)^2 = 16^2 = 256$

$(17 + 1)^2 = 18^2 = 324$

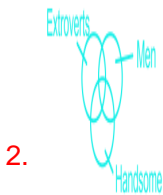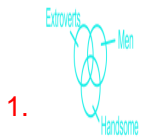Hence, **option 4** is the correct answer.

Question 22 :
Select the option figure that is embedded in the given figure (rotation is NOT allowed).

Difficulty : Moderate   Average Time : 46 Seconds

Options :

1.

2.

3.

4.

Solution :

The correct answer is **option 3** .

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The figure in option 3 is embedded in the given figure, as shown below:
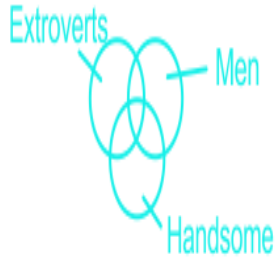
Question 23 :

In a certain code language, 'INHALE' is written as 'REEDIH'. How will 'MIGHTY' be written in that language?

Difficulty : Moderate

Average Time : 67 Seconds

Options :

1. IMCLCP

2. MILCCP

3. MCLICP

4. CCILMP

Solution :

The correct answer is **option 2** i.e. **MILCCP.**

The logic used here is:

'INHALE' is written as 'REEDIH'

Similarly,

Code for the word MIGHTY:

Hence, **option 2** is the correct answer.

Question 24 :
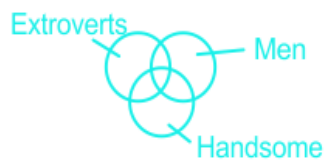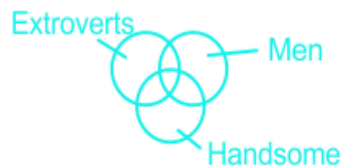In which of the following states was India's first gender park inaugurated in February 2021?

Difficulty : Moderate

Average Time : 53 Seconds

Options :
1. Kerala
2. Karnataka
3. Odisha
4. West Bengal

Solution :

The correct answer is **option 1** i.e. **Kerala**.

- India's first gender park is located in Kozhikode, Kerala.
- The Kerala government's Social Justice Department has taken the initiative to provide a platform where the state, academia, and civil society may come together to discuss gender issues.

Question 25 :
The scientific study of birds is called _____.

Difficulty : Moderate

Average Time : 42 Seconds

Options :
1. ornithology
2. ichthyology
3. gerontology
4. pomology

Solution :

The correct answer is **option 1** i.e. **ornithology**.

- The Greek words ornis (birds) and logos (theory) are the sources of the word ornithology.
- It focuses on all facets of bird biology, including body type, appearance, habitat, migration patterns, mating behavior, predator warning, flock movement, voice, mimicry abilities, etc.
- A person who studies birds is known as an Ornithologist.

Question 26 :

Padavali Kirtan refers to songs composed in the medieval period of West Bengal (15th to 17th century) in praise of _____.

Difficulty : Moderate

Average Time : 48 Seconds

Options :

1. Shiva
2. Shakt
3. Vishnu
4. Brahma

Solution :

The correct answer is **option 3** i.e. **Vishnu**.

- Songs praising Vishnu that were written in West Bengal during the Middle Ages (15th–17th century) are referred to as Padavali Kirtan.
- The Bengali Vaishnava community's devotional music is known as Padavali Kirtan.

Question 27 :

Who among the following broke the national under-20 record in the 10,000 m race walk in January 2021?

Difficulty : Moderate

Average Time : 43 Seconds

Options :

1. Amit Khatri
2. Naresh Kumar
3. Rahul Bind
4. Paramdeep Mor

Solution :

The correct answer is **option 1** i.e. **Amit Khatri**.

- Amit Khatri secured India's second medal at the World U-20 Athletics Championship with a silver in the men's 10,000-meter race walk competition.
- He came in second place, trailing Heristone Wanyoni of Kenya.
- Athletes competing in the under-20 age division of athletics compete in the World Athletics U20 Championships, a biennial international competition for the sport of athletics.

Question 28 :
The problem of choice between relatively scarce commodities due to limited productive resources with the society can be illustrated with the help of a _____.

Difficulty : Moderate

Average Time : 53 Seconds

Options :

1. demand curve

2. marginal utility curve

3. budget line

4. production possibility curve

Solution :
The correct answer is **option 4** i.e. **production possibility curve**.

- The problem of choice between relatively scarce commodities due to limited productive resources within the society can be illustrated with the help of a production possibility curve.

Question 29 :
Select the letter cluster from among the given options that can replace the question mark (?) in the following series. MCN, NCO, OCP, PCQ,?

Difficulty : Moderate

Average Time : 44 Seconds

Options :

1. QCR

2. PCS

3. OCQ

4. PQR

Solution :
The correct answer is **option 1** i.e. **QCR**.

Given series: MCN, NCO, OCP, PCQ,?

The series follows the pattern:

MCN, NCO

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M + 1 = N

C = C

N + 1 = O

Similarly;

PCQ,?

P + 1 = Q

C = C

Q + 1 = R

So, the next term in the series is **QCR.**

Question 30 :
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

Difficulty : Moderate   Average Time : 49 Seconds

Options :

1. 18

2. 21

3. 23

4. 19

Solution :

The correct answer is **Option 2** i.e. **21**

The logic used here is:

Row 1:

$(110 + (12 \times 5)) \div 5 = 34$

Row 2:

$(35 + (6 \times 5)) \div 5 = 13$

Similarly,

Row 3:

(60 + (9 × 5)) ÷ 5 = 21

Hence, **Option 2** is the correct answer.

Question 31 :
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:?

Difficulty : Moderate   **Average Time : 47 Seconds**

Options :

1. Narmada

2. Ganga

3. Godavari

4. Yamuna

Solution :

The correct answer is **option 4** i.e. **Yamuna.**

The logic used here is:

Varanasi: Ganga

Varanasi is located on the left bank of the Ganges River.

Similarly,

Mathura:?

Mathura lies in the Ganges-Yamuna Doab, on the Yamuna River.

Hence, **option 4** is the correct answer.

Question 32 :
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

Difficulty : Moderate   **Average Time : 50 Seconds**

Options :

1. 1, 2, 3, 4, 5

  3, 5, 1, 2, 4

3.   2, 1, 5, 4, 3

4.   4, 3, 5, 1, 2

Solution :

The correct answer is **option 3** i.e. **2, 1, 5, 4, 3.**

In this question, you need to arrange the words as they would appear in the English dictionary.

So the arrangement is;

1. Hypocrite

2. Hypodermic

3. Hypotenuse

4. Hypothermia

5. Hysterical

Question 33 :
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?

Difficulty : Moderate

Average Time : 53 Seconds

Options :

1.   Sister

2.   Sister-in-law

3.   Aunt

4.   Mother

Solution :

The correct answer is **option 2** i.e. **Sister-in-law.**

In the diagram shown;

Square shows males, the circle shows females, vertical lines show generations, a single horizontal line shows brothers or sisters, and double lines show a couple.

From the above figure, Madhurima is the sister-in-law of Komali.

Hence, **option 2** is the correct answer.

Question 34 :
Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different.

Difficulty : Moderate   Average Time : 55 Seconds

Options :

1. Goitre

2. Diarrhoea

3. Scurvy

4. Anaemia

Solution :

The correct answer is **option 2** i.e. **Diarrhoea.**

The logic used here is:

Goitre, Scurvy, and Anaemia are non-infectious diseases.

Whereas, Diarrhoea is an infectious disease.

Hence, **option 2** is the odd one out.

Question 35 :
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.

Difficulty : Moderate   Average Time : 45 Seconds

Options :

    MN
2. KP
3. QL
4. GT

Solution :

The correct answer is **option 3** i.e. **QL.**

The logic used here is:

2nd letter is the opposite of 1st letter.

Option 1: MN

M is the opposite of N.

Option 2: KP

K is the opposite of P.

Option 3: QL

Q is not the opposite of L.

Hence, **option 3** is the odd one out.

Question 36 :
Select the set of classes, the relationship among which is best illustrated by the following Venn diagram.

Difficulty : Moderate　　　　　　　　**Average Time : 51 Seconds**

Options :
1. Doctors, Fathers, Sisters
2. Stationery, Stapler, Erasers
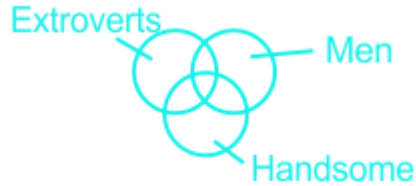3. Extroverts, Men, Handsome
4. Bureaucrats, Men, Women

Solution :

The correct answer is **option 3** i.e. **Extroverts, Men, Handsome.**

The logic used here is:

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Some men are extroverts and handsome.

Question 37 :

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

Difficulty : Moderate   **Average Time : 49 Seconds**

Options :

1. 13

2. 12

3. 10

4. 18

Solution :

The correct answer is **option 1** i.e. **13.**

The logic used here is:

11: 81

$(11 - 2)^2 = 9^2 = 81$

8: 36

Similarly,

?: 121

$(x - 2)^2 = 121$

x - 2 = 11

x = 13

Hence, **option 1** is the correct answer.

Question 38 :

Select the number from among the given options that can replace the question mark (?) in the following series. 121, 169, 225, 289,?

Difficulty : Moderate

Average Time : 44 Seconds

Options :

1. 398
2. 410
3. 361
4. 305

Solution :

The correct answer is **option 3** i.e. **361.**

Given series: 121, 169, 225, 289,?

The series follows the pattern:

11^2 = 121

13^2 = 169

15^2 = 225

17^2 = 289

19^2 = 361

So, the next term in the series is **361.**

Question 39 :

Who was the brand ambassador of World Wildlife Fund India's Environment Education Programme as of January 2021?

Difficulty : Moderate

Average Time : 43 Seconds

Options :

1. Dia Mirza
2. Viswanathan Anand
3. Virat Kohli
4. MS Dhoni

Solution :

The correct answer is **option 2** i.e. **Viswanathan Anand**

- Viswanathan Anand, a five-time world chess champion, has joined WWF (World Wide Fund) India as an ambassador for the organization's environmental education initiative.

Question 40 :

Which Indian state had the highest number of large dams as of January 2021?

Difficulty : Moderate   **Average Time : 40 Seconds**

Options :

1. Tamil Nadu

2. Rajasthan

3. Maharashtra

4. Gujarat

Solution :

The correct answer is **option 3** i.e. **Maharashtra**.

- One of Maharashtra's biggest dams is the Koyna Dam.
- On the Koyna River, a dam is being built.
- It has created the Shivasagar Lake.
- The dam's primary function is to generate hydroelectric power, with some irrigation in nearby areas.

Question 41 :

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?

Difficulty : Moderate   **Average Time : 50 Seconds**

Options :

1. Sikkim

2. Arunachal Pradesh

3. Nagaland

4. Mizoram

Solution :

The correct answer is **option 2** i.e. **Arunachal Pradesh**.

Article 371H

- States the Special provision concerning the state of Arunachal Pradesh.
- The 55th Amendment Act of 1986 includes it.

Question 42 :

_____ is the Chairman of Planning Commission and National Integration Council of India.

Difficulty : Moderate   **Average Time : 39 Seconds**

Options :

1. The Vice President

2. CJI

3. Loksabha Speaker

4. The Prime Minister

Solution :

The correct answer is **option 4** i.e. **The Prime Minister**.

The Chairman of the Planning Commission and National Integration Council of India is the Prime Minister.

National Integration Council

- The National Integration Council was founded in 1961.
- It held its initial meeting in 1962.
- Jawaharlal Nehru, who was India's prime minister at the time, founded the National Integration Council to solve the nation's issues with regionalism and communalism.
- The head of the council is the prime minister.

Planning Commission

- It was an institution in the Government of India.
- Five-year plans were created.
- On March 15, 1950, it was founded.
- On August 17, 2014, it was abolished and NITI Aayog was established in its place.
- Ex-officio Chairman of the Planning Commission was India's Prime Minister.

Question 43 :

Who among the following was the founder and the first Chairman and Commissioner of the Indian Premier League (IPL)?

Difficulty : Moderate

Average Time : 72 Seconds

Options :

1. Raj Singh Dungarpur

2. Sandeep Patil

3. Lalit Modi

4. Jagmohan Dalmiya

Solution :

The correct answer is **option 3** i.e. **Lalit Modi**.

- Lalit Modi founded the Indian Premier League (IPL) and served as its first chairman and commissioner from its inception in 2007 until 2010.
- He was named the second-most influential figure in Indian sports by Sports Illustrated in 2010.

Question 44 :

At which of the following places did Lord Buddha give his first sermon on the Four Noble Truths?

Difficulty : Moderate

Average Time : 45 Seconds

Options :

1. Lumbini

2. Sarnath

3. Bodh Gaya

4. Rajgir

Solution :

The correct answer is **option 2** i.e. **Sarnath**.

- In Sarnath, the Buddha delivered his first sermon.
- The Dhammacakkappavattana Sutta, or first discourse, was delivered by Gautama Buddha to the five monks.

Question 45 :

Which of the following is the largest sea bird with the longest wingspan?

Difficulty : Moderate

Average Time : 39 Seconds

Options :

 Booby

2. Auk

3. Wandering Albatross

4. Frigatebird

Solution :

The correct answer is **option 3** i.e. **Wandering Albatross**.

- Wandering Albatross is the largest sea bird with the longest wingspan.
- This species can grow as long as 1.44 meters (4.7 feet) and as wide as 3.65 meters (12.0 ft).

Question 46 :

Which of the following rivers empties into the Gulf of Cambay of the Arabian Sea, in the state of Gujarat?

Difficulty : Moderate   **Average Time : 42 Seconds**

Options :

1. Godavari

2. Cauvery

3. Krishna

4. Tapti

Solution :

The correct answer is **option 4** i.e. **Tapti**.

Tapi River

- State - Madhya Pradesh, Maharashtra, Gujarat
- Basin area - 62,225 km2
- Length - 724 km
- Source - Multai, Madhya Pradesh
- Mouth - Gulf of Khambhat (Arabian Sea), Dumas, Surat, Gujarat

Question 47 :

Which of the following movies has been selected as India's official entry for the 'International Feature Film' category at the 93rd Academy Awards?

Difficulty : Moderate   **Average Time : 48 Seconds**

Options :

1. Ek Hazarachi Note

2. The Sky Is Pink

3. Gulabo Sitabo

4. Jallikattu

Solution :

The correct answer is **option 4** i.e. **Jallikattu**.

- Lijo Jose Pellissery is the director of the Malayalam feature film Jallikattu.
- The Film Federation of India (FFI) announced that it has been chosen as India's official entry for the 93rd Academy Awards' International Feature Film category.

Question 48 :
C Rajagopalachari led the Salt Satyagraha in which of the following states?

Difficulty : Moderate   Average Time : 44 Seconds

Options :

1. Rajasthan

2. Maharashtra

3. Gujarat

4. Tamil Nadu

Solution :

The correct answer is **option 4** i.e. **Tamil Nadu**.

- The Salt Satyagraha movement in Tamil Nadu was headed by C. Rajagopalachari.
- In April 1930, a group of 100 men led by C Rajagopalachari marched to Vedaranyam and extracted salt from seawater in violation of the British salt rule. They were inspired by Mahatma Gandhi's Dandi March.
- On April 13, he left Tiruchi and arrived at Vedaranyam on April 28.
- Mahatma Gandhi organised the Salt Satyagraha as a civil disobedience movement against British colonial control in India.

Question 49 :
In which of the following states is the 'Eco Retreat' festival held every year?

Difficulty : Moderate   Average Time : 55 Seconds

Options :

1. Odisha
2. Tamil Nadu
3. Assam
4. Bihar

Solution :

The correct answer is **option 1** i.e. **Odisha**.

- The Odisha had organized the second edition of the festival 'Eco Retreat'.
- It intends to increase statewide tourism.
- To highlight the diversity in tourism and hospitality in the state for the year 2021, Odisha has included 5 new sites in comparison to 2020.
- The three-month-long event in Odisha took place in five different cities: Konark, Harikund, Bhitarkanika, Darungabadi, and Satkosia.

Question 50 :

Which of the following states was awarded by the Union Government for being the best state in the fisheries sector amongst hilly and northeastern states for the year 2019-2020?

Difficulty : Moderate   **Average Time : 53 Seconds**

Options :

1. Sikkim
2. Mizoram
3. Tripura
4. Assam

Solution :

The correct answer is **option 4** i.e. **Assam**.

- Assam has received four awards from the National Fisheries Development Board for its achievements in the fishing industry.
- In the category of best hilly and North-Eastern states, Assam won the top prize in November 2020.

Question 51 :

A type of court called 'Kantakasodhana' was prevalent in the _____ Empire.

Difficulty : Moderate

Average Time : 41 Seconds

Options :

1. Rashtrakuta
2. Kushana
3. Mauryan
4. Chola

Solution :

The correct answer is **option 3** i.e. **Mauryan**.

- Kautilya mentions two categories of courts under the Mauryan empire:
    - Dharmasthiyas which dealt with civil matters.
    - Kantakasodhana which dealt with criminal matters.

Question 52 :

Who was the first and last woman ruler of Delhi Sultanate?

Difficulty : Moderate

Average Time : 39 Seconds

Options :

1. Sultana Chand Bibi
2. Nur Jahan
3. Rani Durgavati
4. Razia Sultana

Solution :

The correct answer is **option 4** i.e. **Razia Sultana**.

- The court of Delhi was ruled by Razia Sultana, the first and only female sultan of India, from the end of 1236 to 1240.
- On October 14, 1240, Sultan Muizuddin Bahram led an army in battle against the armies of Altunia and Razia during the months of September and October 1240. After being forced to flee, Altunia and Razia made their way to Kaithal, where their men abandoned them and a mob of Hindus slaughtered them. Razia passed away on October 15, 1240.
- She was the first woman to ever hold the throne and overcame all obstacles to do so, including disagreements about her gender and her slave ancestry.
- History considers Razia Sultan, the fifth Mamluk dynasty monarch, to be one of the very few female rulers in the

history of Islamic civilizations worldwide.

Question 53 :

_____ include/s glycogen, poly--hydroxybutyrate granules, sulphur granules and gas vesicles.

Difficulty : Moderate   **Average Time : 68 Seconds**

Options :

1. Flagella

2. Plasma membrane

3. Mesosomes

4. Cytoplasm

Solution :

The correct answer is **option 4** i.e. **Cytoplasm**.

- Glycogen, poly--hydroxybutyrate granules, sulphur granules, and gas vesicles are all components of cytoplasm.
- The material found outside the cell's nucleus is what makes up the cytoplasm.
- It is made up of centrosomes, ribosomes, and the cytoskeleton.
- A gelatin-like, translucent fluid characterizes the cytoplasm.
- It includes organelles like the endoplasmic reticulum, plastids, vacuoles, and mitochondria.

Question 54 :

In which of the following states is the headquarters of IDBI (Industrial Development Bank of India) located?

Difficulty : Moderate   **Average Time : 51 Seconds**

Options :

1. Karnataka

2. West Bengal

3. Maharashtra

4. Haryana

Solution :

The correct answer is **option 3** i.e. **Maharashtra**.

- The headquarters of IDBI (Industrial Development Bank of India) is located in Maharashtra.
- The Industrial Development Bank of India is known by the acronym IDBI.

To provide loans and other financial facilities for the development of enterprises in India, it was founded in 1964 and put into operation on July 1, 1964.

Question 55 :
What is the boiling point at standard atmospheric pressure at sea-level and 45° latitude of water on the Celsius scale?

Difficulty : Moderate   **Average Time : 48 Seconds**

Options :

1. 50°C

2. 150°C

3. 200°C

4. 100°C

Solution :

The correct answer is **option 4** i.e. **100°C**.

- At sea level, water reaches its boiling point at 100°C.
- The air pressure affects the boiling point of water.
- A liquid's boiling point at high pressure is higher than its boiling point at atmospheric pressure.
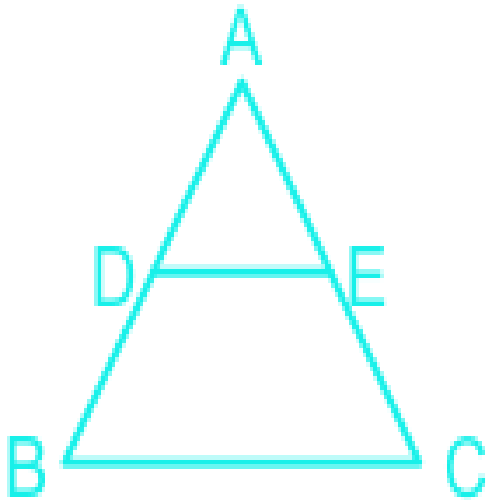
Question 56 :
In a circle with centre O and radius 13 cm, a chord AB is drawn. Tangents at A and B intersect at P such that (ngle)APB = 60º. If the distance of AB from the centre O is 5 cm, then what is the length (in cm) of AP?

Difficulty : Moderate   **Average Time : 53 Seconds**

Options :

1. 12

2. 11

3. 22

4. 24

Solution :

The correct answer is **option 4** i.e. **24**.

Let PC = x cm.

In $\triangle$ACO,

$OA^2 = OC^2 + AC^2$

$AC^2 = 13^2 - 5^2$

$AC^2 = 144$

AC = 12

Now in $\triangle$ACP,

Sin30° = AC/AP

1/2 = 12/AP

AP = 24 cm.

Question 57 :

The table shows the daily income 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 What is the ratio of the number of persons earing less than Rs. 200 to the number of persons earning Rs 300 or more?

Difficulty : Moderate

Average Time : 64 Seconds

Options :

1. 6 : 5

2. 3 : 4

   3 : 10

4. 6 : 17

Solution :

The correct answer is **option 2** i.e. **3 : 4**.

Number of people who earn less than 200 = 12

Number of people who earns less that 350 and more than 300 = 40 - 34 = 6

Number of people who earns less than 400 and more than 350 = 50 - 40 = 10

Number of people who earns more than 300 = 10 + 6 = 16

Required ratio = 12 : 16 = 3 : 4.

Question 58 :
In a circle, chords AB and CD intersect internally, at E. If CD = 16 cm, DE = 6 cm, AE = 12cm, and BE = x cm then the value of x is:
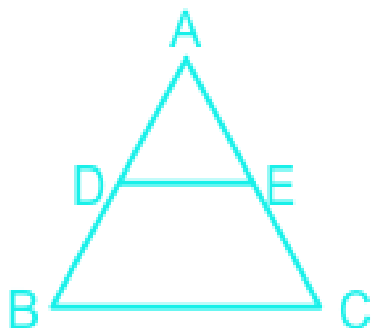
Difficulty : Moderate   Average Time : 47 Seconds

Options :

1. 6

2. 17

3. 5

4. 9

Solution :

The correct answer is **option 3** i.e. **5**.

CE = 16 - 6 = 10.

AE × EB = CE × ED

12 × x = 10 × 6

x = 5.

Question 59 :
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:

Difficulty : Moderate   **Average Time : 45 Seconds**

Options :

1. 15
2. 20
3. 12
4. 10

Solution :
The correct answer is **option 1** i.e. **15**.

Let the two numbers be 5x and 8x.

According to the question,

(5x + 5) : (8x + 5) = 2 : 3

x = 5.

Difference of A and B = 8x - 5x = 3x

= 3 × 5 = 15.

Question 60 :
If sec(5(lpha) - 15⁰) = cosec(15⁰ - 2(lpha)), then the value of cos(lpha) + sin2(lpha) + tan(1.5(lpha)) is:

Difficulty : Moderate   **Average Time : 42 Seconds**

Options :

1. $\sqrt{3}$ + 1
2. $\sqrt{2}$ - 1

$\sqrt{3}$ - 1

4. $\sqrt{2}$ + 1

Solution :

The correct answer is **option 1** i.e. $\sqrt{3}$ + 1

sec(5α - 15º) = cosec(15º - 2α)

sec(5α - 15º) = cosec(90 - 15º + 2α)

sec(5α - 15º) = sec(75º + 2α)

3α = 90

α = 30°

cosα + sin2α + tan(1.5α)

cos30 + sin60 + tan45

$\frac{\sqrt3}{2}$ + $\frac{\sqrt3}{2}$ + 1

$\sqrt3$ + 1.

Question 61 :

If sin(20 +x)º = cos 60º, 0 (leq) (20 + x) (leq) 90, then find the value of 2sin2(3x + 15)º - cosec2(2x+10)º.

Difficulty : Moderate   **Average Time : 82 Seconds**

Options :

1. 3

2. -3

3. $-\frac{1}{3}$

4. -2

Solution :

The correct answer is **option 2** i.e. **-3**.

One knows that,

Sin30° = Cos60°

20 + x = 30

x = 10°.

$2\sin^2(3x + 15)° \csc^2(2x+10)° = 2\sin^2(3 \times 10 + 15) - \csc^2(2 \times 10 + 10)$

$2 \times 1/2 - 4 = $ **-3.**

Question 62 :

The weight of A is 20% more than the weight of B, whose weight is 30% more than the weight of C. By how much percent weight of A is more than the weight of C?

Difficulty : Moderate   **Average Time : 51 Seconds**

Options :

1. 44

2. 56

3. 69

4. 35.89

Solution :

The correct answer is **option 2** i.e. **56.**

The weight of A is 20% more than the weight of B,

A : B = 120 : 100 = 6 : 5.........(1)

The weight of B is 30% more than the weight of C,

B : C = 130 : 100 = 13 : 10.....(2)

A : B : C = 78 : 65 : 50

Required % = (78 - 50)/50 × 100 = 56%

The weight of A is 56% more than the weight of C

Question 63 :

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 the same speed?

Difficulty : Moderate   **Average Time : 54 Seconds**

Options :

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

   $1\frac{1}{4}$

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

4. $1\frac{1}{2}$

Solution :

The correct answer is **option 4** i.e. $1\frac{1}{2}$

Let the speed of A and B be 'a' km/hr and 'b' km/hr.

40/a - 40/b = 2 ....(1)

80/2a - 80/b = 3/2 ....(2)

On subtracting eq(2) from (1) we get,

-40/b + 80/b = 1/2

b = 80 km/hr.

Time taken by B to cover 120km = 120/80 = $1\frac{1}{2}$ hours.

Question 64 :
If $(2a + \frac{3}{a}-1)=11$, what is the value of $(4a^2 + \frac{9}{a^2})$?

Difficulty : Moderate   **Average Time : 53 Seconds**

Options :
1. 121

2. 148

3. 132

4. 110

Solution :

The correct answer is **option 3** i.e. **132**.

2a + 3/a = 11 + 1

2a + 3/a = 12

On sqaring both sides

$4a^2 + 9/a^2 + 2 \times 2a \times 3/a = 144$

$(4a^2 + \frac{9}{a^2}) = 144 - 12 = $ **132**

Question 65 :

If $a^2 + b^2 + c^2 + 216 = 12(a + b - 2c)$, then $\sqrt{ab-bc-ca}$ is:

Difficulty : Moderate   **Average Time : 40 Seconds**

Options :

1. $3\sqrt{5}$

2. $8\sqrt{5}$

3. $6\sqrt{5}$

4. $4\sqrt{5}$

Solution :

The correct answer is **option 3** i.e. $6\sqrt{5}$

$a^2 + b^2 + c^2 + 216 = 12(a + b - 2c)$

$a^2 - 12a + b^2 - 12b + c^2 - 24c + 216 = 0$

Now one needs to split 216,

$a^2 - 12a + 36 + b^2 - 12b + 36 + c^2 + 24c + 144 = 0$

$(a - 6)^2 + (b - 6)^2 + (c + 12)^2 = 0.$

$a = 6$, $b = 6$ and $c = -12$

$\sqrt{ab-bc-ca} = \sqrt{36 + 72 + 72} = 6\sqrt{5}$

Question 66 :

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?

Difficulty : Moderate   **Average Time : 70 Seconds**

Options :

1. 27

2. 24

3. 12

21

Solution :

The correct answer is **option 1** i.e. **27.**

Let the efficiency of 1 man = 1 unit/day

Total work = 18 × 14 = 252 units

Work done in 5 days = 5 × 14 = 70 units

Remaining work = 252 - 70 = 182 units

No of workers left = 14 - 6 = 8

Let the remaining work can be completed in 'n' days so,

8(n - 1) + 14 × 1 = 182

8n = 182 - 6

8n = 176

n = 22 days

Total working days = 22 + 5 = **27 days**

Question 67 :

Find the value of $\tan 35°\cot 40°\tan 45°\cot 50°\tan 55°$.

Difficulty : Moderate   **Average Time : 50 Seconds**

Options :

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

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

3. -1

4. 1

Solution :

The correct answer is **option 4** i.e. **1**.

$\text{Tan}\theta × \text{Cot}\theta = 1$

$\tan 35°\cot 40°\tan 45°\cot 50°\tan 55° = \tan 35°\cot 40° \tan 45°\tan(90 - 50)\cot(90 - 35)$

tan35°cot40° tan45°tan(40)cot(35)

1.

Question 68 :

What is the value of k such that number 72k460k is divisible by 6?

Difficulty : Moderate

Average Time : 48 Seconds

Options :

1. 4

2. 7

3. 9

4. 8

Solution :

The correct answer is **option 1** i.e. **4.**

Co-prime factors of 6 = 2 and 3

72k460k is divisible by 6 which means that it is also divisible by 2 and 3.

The last digit of 72k460k is must be divisible by 2

Possible values of k = 0, 2, 4, 6, 8

Now according to the divisibility rule of 3,

The sum of the digits of 72k460k must be divisible by 3.

7 + 2 + k + 4 + 6 + 0 + k = 18 + 1 + 2k

18 is already a multiple of 3 so one can ignore this.

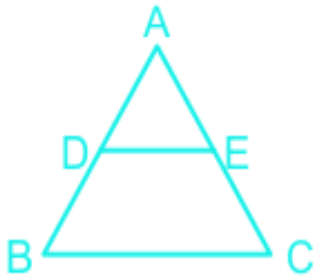1 + 2k must be divisible by 3.

At k = 4 it satisfies

1 + 2 × 4 = 9.

k = 4.

Question 69 :

In (Delta) 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 (Delta) BDE : Area of trapezium ACED =

Difficulty : Moderate

Options :

1. 40 : 9

2. 33 : 16

3. 16 : 33

4. 9 : 40

Solution :

The correct answer is **option 4** i.e. **9 : 40**.

Triangle BDE is similar to triangle ABC (DE || AC)

One knows that the area of similar triangles will be equal to the square of the ratio of their corresponding sides.

$\frac{\triangle BDE}{\triangle ABC}$ = $(BD)^2/(AB)^2$

$\frac{\triangle BDE}{\triangle ABC}$ = 9/49

Area of Δ BDE : Area of trapezium ACED = 9 : 49 - 9 = **9 : 40**

Question 70 :

The average of squares of five consecutive odd natural numbers is 233. What is the average of the largest number and the smallest number?

Difficulty : Moderate

Options :

1. 15

2. 17

3. 11

13

Solution :

The correct answer is **option 1** i.e. **15**.

Let the five consecutive natural numbers be (2k - 5), (2k - 3)(2k - 1)(2k + 1)(2k + 3).

Sum of squares of these five consecutive odd natural number,

$(2k - 5)^2 + (2k - 3)^2 + (2k - 1)^2 + (2k + 1)^2 + (2k + 3)^2 = 233 \times 5$

$4k^2 + 25 - 20k + 4k^2 + 9 - 12k + 4k^2 + 1 - 4k + 4k^2 + 1 + 4k + 4k^2 + 9 + 12k = 233 \times 5 = 1165$.

$20k^2 - 20k - 1120 = 0$

$K^2 - k - 56 = 0$

$K^2 - 8k + 7k - 56 = 0$

$k(k - 8) + 7(k - 8) = 0$

$(k - 8)(k + 7) = 0$

$K = -7, 8$.

Smallest number = 2k - 5 = 2 × 8 - 5 = 11

Largest number = 2k + 3 = 2 × 8 + 3 = 19.

Average of smallest and largest number = (11 + 19)/2 = 15.

Question 71 :
Simplify (x - y + z)2 - (x - y - z)2.

Difficulty : Moderate

Average Time : 71 Seconds

Options :

1. 4xz - 4yz
2. 2xz + 2yz
3. 4yz - 4xz
4. 4xz + 4yz

Solution :

The correct answer is **option 1** i.e. **4xz - 4yz**.

$(x - y + z)^2 - (x - y - z)^2$

$(x^2 + y^2 + z^2 - 2xy - 2yz + 2zx) - (x^2 + y^2 + z^2 - 2xy + 2yz - 2zx)$

$x^2 + y^2 + z^2 - 2xy - 2yz + 2zx - x^2 - y^2 - z^2 + 2xy - 2yz + 2zx$

4zx - 4yz

Question 72 :
Simplify the following expression: 3 (imes) 8 (div) 9 of 6 - 2 (div) 3 (imes) (5 - 2) (imes) 2 + 18 (div) 3 of 3

Difficulty : Moderate   **Average Time : 63 Seconds**

Options :

1. $-1\frac{5}{9}$

2. $2\frac{12}{13}$

3. -4

4. $2\frac{1}{3}$

Solution :
The correct answer is **option 1** i.e. $-1\frac{5}{9}$

3 $\times$ 8 $\div$ 9 of 6 - 2 $\div$ 3 $\times$ (5 - 2) $\times$ 2 + 18 $\div$ 3 of 3.

3 $\times$ 8 $\div$ 9 of 6 - 2 $\div$ 3 $\times$ 3 $\times$ 2 + 18 $\div$ 9.

3 $\times$ 8 $\div$ 54 - 2 $\div$ 3 $\times$ 3 $\times$ 2 + 2.

3 $\times$ 8 /54 - 2 /3 $\times$ 3 $\times$ 2 + 2.

4/9 - 4 + 2

4/9 - 2 = $-1\frac{5}{9}$.

Question 73 :
A certain sum amounts to Rs. 81840 in 3 years and to Rs. 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?

Difficulty : Moderate   **Average Time : 88 Seconds**

Options :

1. 8

10

3. 20

4. $12\frac{1}{2}$

Solution :

The correct answer is **option 2** i.e. **10**.

Let the initial principal be P.

P + SI of 3 years = 81840....(1)

P + SI for 5 years = 92400.....(2)

Subtract eq(1) from (2) we get,

SI for 2 years = 10560

SI for 1 year = 5280.

SI for 3 years = 5280 × 3 = 15840.

P = 81840 - 15840 = 66000

Rate of interest = (5280/66000) × 100 = 8%.

x = 8%

x + 2 = 10%

In 10 years the sum of 66000 becomes 132000.

Question 74 :

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 Rs. 100). The distribution is presented through a Histogram shown below: What is the ratio of the number of employees whose daily wages are Rs. 200 or more but less than Rs. 400 to that of the number of employees whose daily wages are Rs. 400 or more but less than Rs. 600?

Difficulty : Moderate   **Average Time : 66 Seconds**

Options :

1. 41 : 23

2. 23 : 41

3. 14 : 23

23 : 14

Solution :

The correct answer is **option 3** i.e. **14 : 23**.

The number of employees whose daily wages are Rs. 200 or more but less than Rs. 400 = 5 + 9 = 14

The number of employees whose daily wages are Rs. 400 or more but less than Rs. 600 = 12 + 11 = 23

Required ratio = **14 : 23**

Question 75 :
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 in what percent of the number of students studying Arts in the institutes B and D taken together?

Difficulty : Moderate   **Average Time : 55 Seconds**

Options :

1. 108

2. 200

3. 120

4. 83.3

Solution :

The correct answer is **option 3** i.e. **120**.

The number of students studying Computer Science in the institutes' A and C = 108.

The number of students studying Arts in the institutes B and D = 90

Required % = 108/90 × 100 = **120%.**

Question 76 :
Bar graph shows the number of males and females in five organizations A, B, C, D, and E. For which organization, the difference between the number of males and the average number of females of all the organizations is minimum?

Difficulty : Moderate   **Average Time : 46 Seconds**

Options :

   D

2. C

3. A

4. B

Solution :

The correct answer is **option 4** i.e. **B.**

The average number of females in all organizations = (300 + 275 + 250 + 200 + 125)/5 = 230.

In B number of males = 225

Required difference = 230 - 225 = 5

Question 77 :

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.

Difficulty : Moderate   **Average Time : 46 Seconds**

Options :

1. 37.5

2. 25

3. 45

4. 35

Solution :

The correct answer is **option 1** i.e. **37.5**.

DE || BC and DE = 1/2 × BC

It means that $\triangle$ADE is similar to $\triangle$ABC

one can say that $\triangle$ADE is also an equilateral triangle.

AD = AE and BD = CE.

AD + CE + BC = 30

AD + BD + BC = 30

AB + BC = 30

BC = 15

DE = 15/2 = 7.5

AB = BC = AC = 15

AD = 1/2 × AB = 15/2 = 7.5

Perimeter of BCED = 15 + 7.5 + 7.5 + 7.5 = 37.5.

Question 78 :
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%, what is the value of x?

Difficulty : Moderate   **Average Time : 64 Seconds**

Options :

1. 15

2. 20

3. 16

4. 12.5

Solution :
The correct answer is **option 3** i.e. **16**.

Let the CP = 100a

Marked price = 100a × 127% = 127a

By giving a discount of x% still a person able to make a profit of 6.68%.

SP of an article = 100a × 106.68% = 106.68a

Discount offered = 127a - 106.68a = 20.32a

Discount% = (20.32a/127a) × 100 = 16%

x = 16%

Question 79 :

The area of a quadrant of a cirlce is (rac{pi}{9}) m2. Its radius (in metres) is equal to:

Difficulty : Moderate   **Average Time : 47 Seconds**

Options :

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

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

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

4. $\frac{3}{2}$

Solution :

The correct answer is **option 1** i.e. $\frac{2}{3}$

A quadrant is nothing but 1/4 part of a circle so its area will also be 1/4 of the area of a circle.

Area of Quadrant = $\frac{\pi r^2}{4}$ = $\frac{\pi}{9}$

$r^2 = 4/9$

r = 2/3.

Question 80 :

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 Rs. 40 less than the profit made by A. What is the cost price (in Rs.) of the article for A?

Difficulty : Moderate   **Average Time : 58 Seconds**

Options :

1. 240

2. 640

3. 546

4. 400

Solution :

The correct answer is **option 2** i.e. **640**.

Let the CP of an article for A = 100x

SP of an article For A = CP of an article for B = 100x × 125% = 125x

SP of an article for C = CP of an article for A = 125x × 115% = 143.75x.

Profit made by B = 143.75x - 125x = 18.75x.

xProfit made by A = 125x - 100x= 25x

Difference of their profits = 25x - 18.75x = 40

6.25x = 40

x = 6.4.

Cost price pf an article = 100x = 100 × 6.4 = **640.**

Question 81 :
Select the most appropriate meaning of the given idiom. A bad egg

Difficulty : Moderate   **Average Time : 54 Seconds**

Options :
1. Someone who doesn't like eggs

2. Someone who is dishonest and unreliable

3. Someone who likes to break eggs

4. Someone who regularly makes mistakes

Solution :
The correct answer is **Option 2** i.e. **Someone who is dishonest and unreliable.**

The idiom **A bad egg** means **someone who is dishonest and unreliable**.

For example: At first I trusted him, but soon I found he's a bad egg.

Thus, we find that the most appropriate meaning of the given idiom is someone who is dishonest and unreliable.

Hence, the correct answer is **Option 2** i.e. **Someone who is dishonest and unreliable.**

Question 82 :
Select the most appropriate synonym of the given word. Tag (n)

Difficulty : Moderate   **Average Time : 58 Seconds**

Options :

1. Label
2. Syphon
3. Drain
4. Pump

Solution :

The correct answer is **Option 1** i.e. **Label**.

The given word '**Tag'** means '**a small piece of card, material, etc. fastened to something to give information about it; a label.'**

Let's see the meaning of other given words:

- **Drain** - a channel or pipe carrying off surplus liquid, especially rainwater or liquid waste.
- **Label** - a piece of paper, etc. that is fixed to something and which gives information about it.
- **Pump** - a machine that is used for forcing a gas or liquid in a particular direction.
- **Syphon** - a tube used to convey liquid upwards from a reservoir and then down to a lower level of its own accord.

Hence, the correct answer is **Option 1** i.e. **Label**.

Question 83 :

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.

Difficulty : Moderate   **Average Time : 98 Seconds**

Options :

1. BADC
2. CDAB
3. BCDA
4. ADCB

Solution :

The correct answer is **Option 1** i.e. **BADC**.

While arranging the parts of the passage, we should find some grammatical or contextual connections between them. Also, the first sentence of a passage is usually independent and introduces a topic. The second one provides more information about it.

Steps to arrange the sentences in the correct order to form a meaningful and coherent paragraph:

- Sentence B is the independent sentence as it is giving general information about "an observation by Spanish scientist Santiago Ramón y Cajal". So, **sentence B** is the first sentence after rearrangement.
- **Sentence A** will come after B as it is explaining the observation made by the scientist i.e. the neuron theory.
- **Sentence D** will come after A as it is further explaining the neuron theory.
- **Sentence C** is the **concluding statement** of the passage because it is talking about the final output of the theory.
- Thus, the correct order after rearrangement is **option 1** i.e. **BADC**.

The paragraph is: **The watershed of all studies of the nervous system was an observation made in 1889 by Spanish scientist Santiago Ramón y Cajal. According to his hypothesis, now known as the neuron theory, each nerve cell communicates with others through contiguity rather than continuity. That is, communication between adjacent but separate cells must take place across the space and barriers separating them. 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.**

Hence, the correct answer is **Option 1** i.e. **BADC**.

Question 84 :
Select the option that expresses the given sentence in passive voice. You can solve this problem.

Difficulty : Moderate   **Average Time : 111 Seconds**

Options :
1. This problem can be solved by you.

2. This problem should be solved by you.

3. This problem might be solved by you.

4. This problem ought to be solved by you.

Solution :
The correct answer is **Option 1** i.e. **This problem can be solved by you.**

Active form: **You can solve this problem.**

Rules for changing Active form to Passive from:

Simply exchange the places of the subject and the object. The subject should become the object and vice-versa while changing a sentence from Active to Passive voice or reverse.

- Now, convert the main verb into its past participle or third form while converting from active to passive voice.
- Use the word "by" before the subject in the passive sentence.

Now, the given sentence is in present perfect tense. When the active form is in " V_1" form then the passive voice should follow the format "**be + V$_3$**" form.

The passive form will be: **This problem can be solved by you.**

Hence, the correct answer is **Option 1** i.e. **This problem can be solved by you.**

Question 85 :
Select the INCORRECTLY spelt word.

Difficulty : Moderate   **Average Time : 85 Seconds**

Options :
1. Magnificent
2. Articulate
3. Colossal
4. Concensus

Solution :
The correct answer is **Option 4** i.e. **Concensus**.

The correct spelling is '**Consensus**' and it means **'agreement among a group of people'**.

Let's see the meaning of the othe given words:

- **Colossal** - extremely large.
- **Magnificent** - extremely impressive and attractive.
- **Articulate** - to say something clearly or to express your ideas or feelings.

Hence, the correct answer is **Option 4** i.e. **Concensus**.

Question 86 :
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.

Difficulty : Moderate   **Average Time : 62 Seconds**

Options :

   for a film

2. as he was busy

3. Ranbir could not went

4. to the award ceremony

Solution :

The correct answer is **Option 3** i.e. **Ranbir could not went.**

- The error lies in the option 3 due to the wrong usage of tense.
- In the given sentence, the past tense form of the verb '**went**' is incorrect.
- The verb 'could' in the given sentence is a modal verb.The modal verb 'could' is followed by the main verb and the main verb also stays in its base form.
- Also, the main verb that is used with 'could' does not change form according to the subject.
- Therefore, the base form of the verb '**go**' should be used in place of the past tense form of the verb 'went'.

The correct sentence is: ***Ranbir could not go*** *to the award ceremony as he was busy shooting for a him in the Maldives.*

Hence, the correct answer is **Option 3** i.e. **Ranbir could not went.**

Question 87 :

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.

Difficulty : Moderate　　　　　　　　　　　　　**Average Time : 86 Seconds**

Options :

1. No error

2. Modern science have

3. about our food and diet

4. broken many myths

Solution :

The correct answer is **Option 2** i.e. **Modern science have**.

- In the given sentence, the plural form of the verb "have" is incorrect.
- The noun 'science' in the given sentence is an uncountable noun, we know the uncountable nouns always take singular verbs.

Therefore, the singular form of the verb "**has**" should be used in place of the plural form '**have**'.

The correct sentence is: ***Modern science has*** *broken many myths about our food and diet.*

Hence, the correct answer is **Option 2** i.e. **Modern science have**.

Question 88 :
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.

Difficulty : Moderate   **Average Time : 66 Seconds**

Options :
1. reaction
2. result
3. retort
4. rejoinder

Solution :
The correct answer is **Option 1** i.e. **reaction**.

The given sentence is talking about an allergy caused by some medicine. Therefore, the most appropriate word to be filled in the blank is **'reaction'**.

The word **'reaction**' means '**a bad effect that your body experiences because of something that you have eaten, touched, or breathed.'**

Complete Sentence: *My neighbor was admitted to the hospital when he developed an allergic* **reaction** *to some medicine he took.*

Hence, the correct answer is **Option 1** i.e. **reaction**.

Question 89 :
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.

Difficulty : Moderate   **Average Time : 61 Seconds**

Options :
1. Bracket

   Basket

3. Bouquet

4. Boutique

Solution :
The correct answer is **Option 3** i.e. **Bouquet**.

Let's see the meanings of the given words:

- **Bouquet** - an attractively arranged bunch of flowers, especially one presented as a gift or carried at a ceremony.
- **Bracket** - a piece of metal or wood that is fixed to a wall and used as a support for a shelf, lamp, etc.
- **Boutique** - a small shop that sells fashionable clothes or expensive presents.
- **Basket** - a container for carrying or holding things.

The most appropriate one word substiute for the given sentence is **Bouquet.**

Hence, the correct answer is **Option 3** i.e. **Bouquet**.

Question 90 :
Select the most appropriate synonym of the given word. Detrimental

Difficulty : Moderate   **Average Time : 63 Seconds**

Options :
1. Friendly

2. Smart

3. Intellectual

4. Harmful

Solution :
The correct answer is **Option 4** i.e. **Harmful**.

The given word '**Detrimental**' means '**causing harm or damage**.'

Let's see the meaning of the given words:

- **Friendly** - helpful to somebody or something; not harmful to something.
- **Smart** - (used about a person) having a clean and tidy appearance.
- **Harmful** - causing harm.
- **Intellectual** - connected with a person's ability to think in a logical way and to understand things.

The most appropriate synonym of the goven word is **'Harmful'**.

Hence, the correct answer is **Option 4** i.e. **Harmful**.

Question 91 :
Select the INCORRECTLY spelt word.

Difficulty : Moderate   **Average Time : 61 Seconds**

Options :
1. Cadre
2. Commit
3. Carnivorous
4. Calender

Solution :
The correct answer is **Option 4** i.e. **Calender**.

The correct spelling is '**Calendar**' and it means **a list that shows the days, weeks, and months of a particular year.**

Hence, the correct answer is **Option 4** i.e. **Calender**.

Question 92 :
Select the most appropriate meaning of the given idiom. Tide someone over

Difficulty : Moderate   **Average Time : 42 Seconds**

Options :
1. Ask someone for financial assistance
2. Give temporary help, usually financial
3. Get a boat ready to cross a river or water body
4. Complete a voyage successfully

Solution :
The correct answer is **option 2** i.e. **Give temporary help, usually financial.**

The idiom '**Tide someone over'** means '**temporary help, often financial'.**

For example: Sachin sent his granddaughter some money to tide her over until she found a new job.

From the given options, the most appropriate meaning of the given idiom is '**Give temporary help, usually financial.'**

Hence, the correct answer is **option 2** i.e. **Give temporary help, usually financial.**

Question 93 :
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.

Difficulty : Moderate   **Average Time : 62 Seconds**

Options :

1. Anarchist

2. Atheist

3. Egotist

4. Cynic

Solution :

The correct answer is **Option 2** i.e. **Atheist**.

Let's see the meanings of the given words:

- **Cynic** - a person who believes that people only do things for themselves, rather than to help others.
- **Anarchist** - a person who believes in or tries to bring about anarchy.
- **Egotist** - a person who is excessively conceited or absorbed in themselves; self-seeker.
- **Atheist** - a person who disbelieves or lacks belief in the existence of God or gods.

The most appropriate one word substitute is **'Atheist'**.

Hence, the correct answer is **Option 2** i.e. **Atheist**.

Question 94 :
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.

Difficulty : Moderate   **Average Time : 70 Seconds**

Options :

1. was pulled over

2. No substitution

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was pulled up

4. was pulled down

Solution :

The correct answer is **Option 4** i.e. **was pulled down**.

- In the sentence, the phrasal verb "pulled out" is incorrect.
- The given sentence is talking about a contractor surveying the progress of the work after an old building was demolished.
- The phrasal verb "**pulled out**" means **(of a vehicle) move out from the side of the road, or from its normal position in order to overtake.**
- Therefore, the phrasal verb "**pulled down**" should be used in place of the phrasal verb "**pulled out**".
- The phrasal verb "**pulled down**" means **demolish a building.**

*The correct sentence is: After the old building **was pulled down**, the building contractor surveyed the progress of the work*

Hence, the correct answer is **Option 4** i.e. **was pulled down**.

Question 95 :

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.

Difficulty : Moderate   **Average Time : 80 Seconds**

Options :

1. No substitution

2. The apples a day

3. An apple a day

4. A apple a day

Solution :

The correct answer is **Option 3** i.e. **An apple a day.**

- In the underlined segment the noun 'apple' is an unspecified noun.
- '**A**' and '**an**' are indefinite articles which means that they refer to, or introduce, an unspecified noun.
- We use 'a' before a consonant sound and we use 'an' before a vowel sound eg. apple.

The correct sentence is : An apple a day keeps the doctor away.

Hence, the correct answer is**Option 3** i.e. **An apple a day.**

Comprehension :

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.

Question 96 :

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

Difficulty : Moderate   **Average Time : 76 Seconds**

Options :

1. in

2. is

3. are

4. of

Solution :

The correct answer is **Option 3** i.e. **are.**

- The given sentence "*The five senses _____ sight, hearing, taste, touch and ....*" is talking about the five senses.
- In the given sentence, the subject 'five senses' is a plural subject.
- We know that a plural subject always takes a plural verb.
- From the given options, only the second option 'are' is the plural form of the verb.
- Therefore, the plural verb '**are**' should be used in the blank.

Hence, the correct answer is **Option 3** i.e. **are.**

Comprehension :

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.

Question 97 :

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

Difficulty : Moderate   **Average Time : 74 Seconds**

Options :

1. sadness

2. happiness

3. smell

4. anger

Solution :
The correct answer is **Option 3** i.e. **smell.**

- The given sentence "*The five senses are sight, hearing, taste, touch, and _____*" is talking about the five senses.
- Therefore, the most appropriate word to be filled in the blank is 'smell'.
- The word 'smell' means 'the ability to sense things with the nose.'

Hence, the correct answer is **Option 3** i.e. **smell.**

Comprehension :
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.

Question 98 :
Select the most appropriate option to fill in blank number 3.

Difficulty : Moderate   **Average Time : 68 Seconds**

Options :

1. reminded

2. retained

3. required

4. referred

Solution :
The correct answer is **Option 4** i.e. **referred.**

- The given sentence "*What is sometimes_____ to as a 'sixth sense'..........*" is talking about the sixth sense.

Therefore, the most appropriate word to be filled in the blank is **'referred'**.

- The word '**referred**' means **'to mention or talk about somebody or something.'**

Hence, the correct answer is **Option 4** i.e. **referred.**

Comprehension :

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.

Question 99 :
Select the most appropriate option to fill in blank number 4.

Difficulty : Moderate **Average Time : 68 Seconds**

Options :

1. at
2. of
3. on
4. in

Solution :

The correct answer is **Option 2** i.e. **of.**

The given sentence "*What is sometimes referred to as a 'sixth sense' is a power to be aware _____ things independently...........*" is talking about something related to the sixth sense.

Use of preposition **'of' :**

- Used for belonging to, relating to, or connected with.
- Used to indicate reference.
- Used to indicate an amount or number.

Thus, the blank needs the preposition '**of**' which is belonging to, connected with, or part of something or somebody.

Hence, the correct answer is **Option 2** i.e. **of.**

Comprehension :

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

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independently of the five (5)_____ senses, a kind of supernatural sense.

Question 100 :
Select the most appropriate option to fill in blank number 5.

Difficulty : Moderate

Average Time : 77 Seconds

Options :
1. geographical
2. physical
3. geological
4. botanical

Solution :
The correct answer is **Option 2** i.e. **physical.**

- The given sentence *"What is sometimes referred to as a 'sixth sense' is a power to be aware of things independently of the five _____ senses, a kind of supernatural sense.*" is talking about the sixth sense referred independent of the senses connected with the body.
- Therefore, the most appropriate word to be filled in the blank is **'physical'** because the five known senses are connected with our body.
- The word '**physical'** means '**connected with your body rather than your mind.'**

Hence, the correct answer is **Option 2** i.e. **physical.**

Ssc Cgl Tier I Previous Year Question Paper Analysis

The analysis of Ssc Cgl Tier I Previous Year Question Paper held on 2021-08-20 in the Morning exam is as follows:
1. 100 questions were moderate.
2. The safe score is 140 marks.
3. 25 questions were asked from Logical Reasoning, 25 questions were asked from English Language, 25 questions were asked from General Awareness and 25 questions were asked from Quantitative Aptitude
4. 17 questions should have been skipped if you were short of time.

Ssc Cgl Tier I Previous Year Question Paper Topic

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Wise Weightage

Logical Reasoning

1. Coding Decoding - 2
2. Analogy - 4
3. Classification - 3
4. Blood Relations - 1
5. Syllogism - 1
6. Dictionary Based - 1
7. Figure Based - 4
8. Matrix - 1
9. Series - 3
10. Mathematical Reasoning - 2
11. Cubes And Dice - 1
12. Seating Arrangement And Puzzle - 2

English Language

1. Incorrectly Spelt - 25
2. Incorrectly Spelt - 25

General Awareness

1. History - 4
2. Polity - 2
3. Economics - 1
4. Science - 3
5. GK Misc - 15

Quantitative Aptitude

1. Simplification - 1
2. Average - 1
3. Percentage - 1
4. Data Interpretation - 4
5. Time And Work - 1
6. Time Speed And Distance - 1

Interest - 1

8. Ratios And Proportion - 1
9. Geometry - 5
10. Trigonometry - 3
11. Algebra - 3
12. Number System - 1
13. Profit And Loss - 2

Ssc Cgl Tier I Previous Year Question Paper Tips and Tricks

1. Try to solve Ssc Cgl Tier I Previous Year Question Paper without taking any help from the solutions.
2. Ssc Cgl Tier I Previous Year Question Paper require proper usage of concept so firstly read the question thoroughly and then use the right concept.
3. In case you're not able to solve the question in less than 30 seconds in the exam then you should skip the question and move to the next question.

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About Neetu Mam

Neetu Mam is primarily passionate for the English language and teaching from the last 20 years however for the Ssc Cgl Tier I Previous Year Question Paper. She has guided her team to provide the best explanation for the question.