



# 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 2023-10-27 in the Morning Shift 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 :

Identify the group of states that are covered in the Sardar Sarovar Project.

Difficulty : Moderate

Average Time : 42 Seconds

### Options :

1. Maharashtra, Madhya Pradesh, Chhattisgarh and Jharkhand
2. Maharashtra, Madhya Pradesh, Gujarat and Rajasthan
3. Gujarat, Punjab, Haryana, Rajasthan
4. Gujarat, Rajasthan, Karnataka and Telangana

### Solution :

The correct answer is **Option 2** i.e. **Maharashtra, Madhya Pradesh, Gujarat and Rajasthan**

- The Sardar Sarovar Project primarily covers the states of Gujarat, Madhya Pradesh, Maharashtra, and Rajasthan in India.
- The project involves the construction of a dam on the Narmada River, with the aim of providing water for irrigation, drinking, and various other purposes in these states. The Sardar Sarovar Dam is one of the largest water resources and hydropower projects in India.

### Question 2 :

Which German chemist and physicist proposed that an aromatic compound must have an odd number of pairs of electrons, which can mathematically be written as  $4n+2$  ( $n = 0, 1, 2, 3, \text{etc.}$ ) in 1931?

Difficulty : Moderate

Average Time : 59 Seconds

**Options :**

1. Friedrich Kekule
2. Rosalind Franklin
3. Erich Huckel
4. Antoine Lavoisier

**Solution :**

The correct answer is **Option 3** i.e. **Erich Huckel**

- The German chemist and physicist who proposed the rule that an aromatic compound must have an odd number of pairs of electrons, expressed as  $4n+2$  ( $n = 0, 1, 2, 3, \text{etc.}$ ), is Erich Hückel.
- He introduced Hückel's rule in 1931 as a way to predict whether a planar ring molecule would exhibit aromatic stability based on its electron count.
- This rule is particularly applicable to conjugated cyclic hydrocarbons, helping to identify aromatic compounds in organic chemistry.

**Question 3 :**

Under whom was CP Ilbert a law member of the council?

**Difficulty : Moderate**

**Average Time : 54 Seconds**

**Options :**

1. Lord Lytton
2. Lord Cornwallis
3. Lord Ripon
4. Lord Curzon

**Solution :**

The correct answer is **Option 3** i.e. **Lord Ripon**

- C. P. Ilbert served as the Law Member of the Viceroy's Council during the tenure of Lord Ripon.
- Lord Ripon, also known as George Robinson, was the Viceroy of India from 1880 to 1884, and during his administration, C. P. Ilbert held the position of Law Member from 1883 to 1887.
- The Ilbert Bill, introduced during this time, aimed at allowing Indian judges the jurisdiction to try European offenders in certain criminal cases, which generated significant controversy.

**Question 4 :**

What are the main energy sources for earth's internal heat engine?

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

1. Radiogenic heat and oceanic tide heat
2. Heat from volcanoes and solar heat
3. Solar heat and oceanic tide heat
4. Radiogenic heat and primordial heat

**Solution :**

The correct answer is **Option 4** i.e. **Radiogenic heat and primordial heat** .

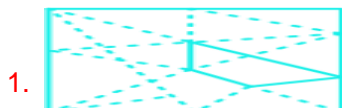
- Radiogenic heat, which results from the radioactive decay of isotopes like uranium, thorium, and potassium in the Earth's mantle and crust, and primordial heat, which is residual heat from the planet's formation and gravitational compression during its early stages, are indeed the main energy sources for Earth's internal heat engine.
- Together, these heat sources drive geological processes, maintain the Earth's internal temperature, and contribute to phenomena such as mantle convection, plate tectonics, and volcanic activity.

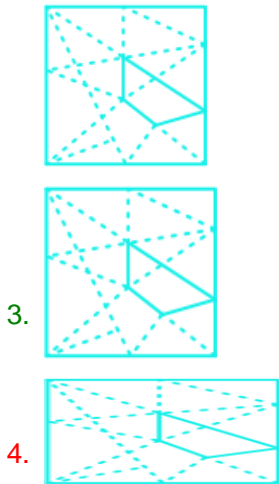
**Comprehension :**

Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. facing the world today. The of greenhouse gases such as carbon Global warming is one of the biggest environmental (1)\_\_\_\_\_. primary cause of global warming is the (2)\_\_\_\_\_. dioxide and methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3)\_\_\_\_\_. effects of global warming are widespread and to reduce global include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4)\_\_\_\_\_. greenhouse gas emissions. However, individuals can also play a role in (5)\_\_\_\_\_. global warming by making small changes to their daily habits, such as reducing their energy consumption and driving less.

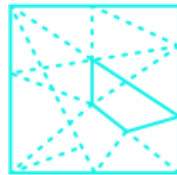
**Question 5 :**

Select the Venn diagram that best illustrates the relationship between the following classes. Women, Professor, Players

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

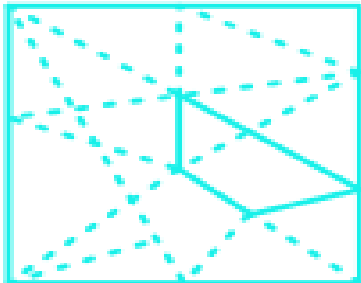


**Solution :**



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

The possible Venn diagram is:



Some women are professors, some professors are players, and some players are women is also true.

Hence, the diagram given above shows the best relationship between them.

**Comprehension :**

Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. facing the world today. The of greenhouse gases such as carbon Global warming is one of the biggest environmental (1)\_\_\_\_\_. primary cause of global warming is the (2)\_\_\_\_\_. dioxide and methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3)\_\_\_\_\_. effects of global warming are widespread and to reduce global include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4)\_\_\_\_\_. greenhouse gas emissions. However, individuals can also play a role in (5)\_\_\_\_\_. global warming by making



small changes to their daily habits, such as reducing their energy consumption and driving less.

**Question 6 :**

Three of the following four-letter clusters are alike in a certain way and one is different. Pick the odd one out.

**Difficulty : Moderate****Average Time : 114 Seconds****Options :**

1. JQM
2. DWG
3. BXE
4. AZD

**Solution :**

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

The logic used here is:

Opposite of 1st letter = 2nd letter

1st letter + 3 = 2nd letter

**Option 1: JQM**

Opposite of J = Q

J + 3 = M

This follows the logic.

**Option 2: DWG**

Opposite of D = W

D + 3 = G

This follows the logic.

**Option 3: BXE**

Opposite of B = Y

B + 3 = E

This does not follow the logic.



Hence, **BXE** is the odd one out.

**Comprehension :**

Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. facing the world today. The of greenhouse gases such as carbon Global warming is one of the biggest environmental (1)\_\_\_\_\_. primary cause of global warming is the (2)\_\_\_\_\_. dioxide and methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3)\_\_\_\_\_. effects of global warming are widespread and to reduce global include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4)\_\_\_\_\_. greenhouse gas emissions. However, individuals can also play a role in (5)\_\_\_\_\_. global warming by making small changes to their daily habits, such as reducing their energy consumption and driving less.

**Question 7 :**

The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number pairs, EXCEPT one. Find that odd number pair.

**Difficulty : Moderate****Average Time : 101 Seconds****Options :**

1. (87, 522)
2. (84, 672)
3. (92, 552)
4. (64, 384)

**Solution :**

The correct answer is **Option 2** i.e. **(84, 672)**.

The logic used here is:

$$1\text{st number} \times 6 = 2\text{nd number}$$

**Option 1: (87, 522)**

$$87 \times 6 = 522$$

This follows the logic.

**Option 2: (84, 672)**

$$84 \times 6 = 504$$

This does not follow the logic.

Hence, (84, 672) is the odd one out.

**Question 8 :**

Who among the following is the author of the book 'The Buddha and his Dhamma', which appeared in 1957 after the death of its author?

Difficulty : Moderate

Average Time : 49 Seconds

**Options :**

1. Subhas Chandra Bose
2. BR Ambedkar
3. Mahatma Gandhi
4. Motilal Nehru

**Solution :**

The correct answer is **Option 2** i.e. **BR Ambedkar**

- "The Buddha and His Dhamma" is a book written by Dr. B. R. Ambedkar, the principal architect of the Indian Constitution and a prominent social reformer in India.
- The book was published posthumously in 1957, after Dr. Ambedkar's death. It explores the life and teachings of Gautama Buddha and is one of the significant works of Dr. Ambedkar, reflecting his interest in Buddhism and his vision for social justice.

**Comprehension :**

Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. facing the world today. The of greenhouse gases such as carbon Global warming is one of the biggest environmental (1)\_\_\_\_\_. primary cause of global warming is the (2)\_\_\_\_\_. dioxide and methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3)\_\_\_\_\_. effects of global warming are widespread and to reduce global include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4)\_\_\_\_\_. greenhouse gas emissions. However, individuals can also play a role in (5)\_\_\_\_\_. global warming by making small changes to their daily habits, such as reducing their energy consumption and driving less.

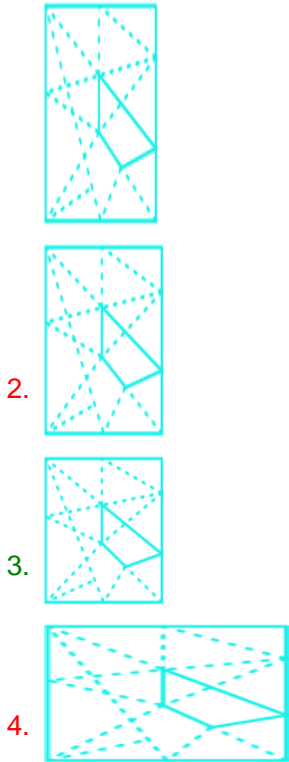
**Question 9 :**

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

Difficulty : Moderate

Average Time : 90 Seconds

**Options :**

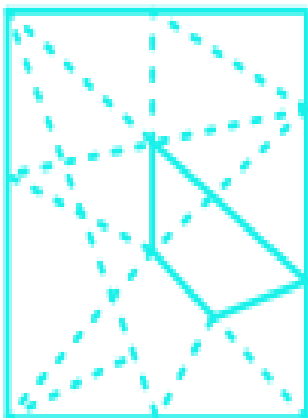


**Solution :**



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

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



**Comprehension :**





Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. facing the world today. The of greenhouse gases such as carbon Global warming is one of the biggest environmental (1)\_\_\_\_\_. primary cause of global warming is the (2)\_\_\_\_\_. dioxide and methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3)\_\_\_\_\_. effects of global warming are widespread and to reduce global include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4)\_\_\_\_\_. greenhouse gas emissions. However, individuals can also play a role in (5)\_\_\_\_\_. global warming by making small changes to their daily habits, such as reducing their energy consumption and driving less.

**Question 10 :**

Which two signs should be interchanged to make the given equation correct?  $60 \times 4 + 9 \div 3 - 8 = 34$

**Difficulty : Moderate****Average Time : 107 Seconds****Options :**

1.  $\div$  and  $\times$
2.  $+$  and  $\div$
3.  $+$  and  $\times$
4.  $+$  and  $-$

**Solution :**

The correct answer is **Option 1** i.e.  $\div$  and  $\times$ .

**Given equation:**  $60 \times 4 + 9 \div 3 - 8 = 34$

**Option 1:**  $\div$  and  $\times$

After interchanging the expression becomes:

$$= 60 \div 4 + 9 \times 3 - 8 = 34$$

$$= 15 + 9 \times 3 - 8$$

$$= 15 + 27 - 8$$

$$= 42 - 8$$

$$= 34 = 34$$

As we have found our answer, there is no need to check further options.

Hence,  $\div$  and  $\times$  is the correct answer.

**Comprehension :**

Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. facing the world today. The of greenhouse gases such as carbon Global warming is one of the biggest environmental (1)\_\_\_\_\_. primary cause of global warming is the (2)\_\_\_\_\_. dioxide and methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3)\_\_\_\_\_. effects of global warming are widespread and to reduce global include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4)\_\_\_\_\_. greenhouse gas emissions. However, individuals can also play a role in (5)\_\_\_\_\_. global warming by making small changes to their daily habits, such as reducing their energy consumption and driving less.

### Question 11 :

Select the Venn diagram that best illustrates the relationship between the following classes. Leafy Vegetables, Salad, Food  
Leafy Vegetables = L; Salad = S; Food = F

Difficulty : Moderate

Average Time : 93 Seconds

Options :

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

Solution :

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

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The possible Venn diagram is:



Some L are S. All L and S are F.

Hence, the diagram given above shows the best relationship between them.

### Comprehension :

Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. facing the world today. The of greenhouse gases such as carbon Global warming is one of the biggest environmental (1)\_\_\_\_\_. primary cause of global warming is the (2)\_\_\_\_\_. dioxide and methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3)\_\_\_\_\_. effects of global warming are widespread and to reduce global include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4)\_\_\_\_\_. greenhouse gas emissions. However, individuals can also play a role in (5)\_\_\_\_\_. global warming by making small changes to their daily habits, such as reducing their energy consumption and driving less.

### Question 12 :

Select the set in which the numbers are related in the same way as the numbers of the following sets. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 - Operations on 13 such as adding /subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed) (49, 63, 441) (7, 14, 14)

Difficulty : Moderate

Average Time : 124 Seconds

### Options :

1. (7, 28, 35)
2. (14, 28, 56)
3. (7, 14, 45)

(12, 18, 324)

**Solution :**

The correct answer is **Option 2** i.e. **(14, 28, 56)**.

The logic used here is:

**(49, 63, 441)**

$$441 \div 63 = 7$$

$$7 \times 7 = 49$$

**(7, 14, 14)**

$$14 \div 14 = 1$$

$$1 \times 7 = 7$$

Similarly;

**(14, 28, 56)**

$$56 \div 28 = 2$$

$$2 \times 7 = 14$$

Hence, **(14, 28, 56)** is the correct answer.

**Comprehension :**

Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. facing the world today. The of greenhouse gases such as carbon Global warming is one of the biggest environmental (1)\_\_\_\_\_. primary cause of global warming is the (2)\_\_\_\_\_. dioxide and methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3)\_\_\_\_\_. effects of global warming are widespread and to reduce global include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4)\_\_\_\_\_. greenhouse gas emissions. However, individuals can also play a role in (5)\_\_\_\_\_. global warming by making small changes to their daily habits, such as reducing their energy consumption and driving less.

**Question 13 :**

Which of the following numbers will replace the question mark (?) in the given series? 15, ?, 27, 39, 55, 75

**Difficulty : Moderate**

**Average Time : 81 Seconds**

**Options :**

19

2. 20

3. 21

4. 18

**Solution :**

The correct answer is **Option 1** i.e. **19**.

Given series: 15, ?, 27, 39, 55, 75

The series follows this pattern:

$$15 + 4 = 19$$

$$19 + 8 = 27$$

$$27 + 12 = 39$$

$$39 + 16 = 55$$

$$55 + 20 = 75$$

So, the missing term in the series is **19**.

**Comprehension :**

Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. facing the world today. The of greenhouse gases such as carbon Global warming is one of the biggest environmental (1)\_\_\_\_\_. primary cause of global warming is the (2)\_\_\_\_\_. dioxide and methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3)\_\_\_\_\_. effects of global warming are widespread and to reduce global include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4)\_\_\_\_\_. greenhouse gas emissions. However, individuals can also play a role in (5)\_\_\_\_\_. global warming by making small changes to their daily habits, such as reducing their energy consumption and driving less.

**Question 14 :**

Which of the answer figures is the exact mirror image of the given problem figure when the mirror is held on the right side?  
Problem figure:

**Difficulty : Moderate****Average Time : 79 Seconds****Options :**

1.

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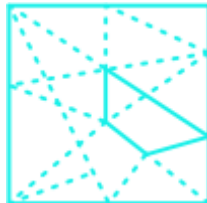
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- 
- 2.
- 3.
- 4.

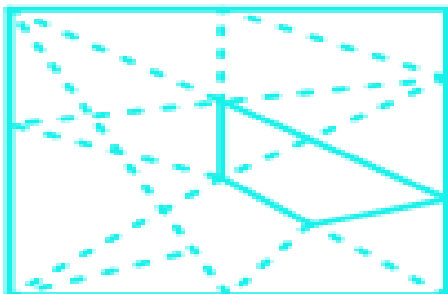


**Solution :**



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

The mirror image of the question figure is shown below:





Since the mirror is placed on the right side of the question figure, the right side of the original image will now be the left side of the mirror image and vice versa.

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

**Comprehension :**

Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. facing the world today. The of greenhouse gases such as carbon Global warming is one of the biggest environmental (1)\_\_\_\_\_. primary cause of global warming is the (2)\_\_\_\_\_. dioxide and methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3)\_\_\_\_\_. effects of global warming are widespread and to reduce global include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4)\_\_\_\_\_. greenhouse gas emissions. However, individuals can also play a role in (5)\_\_\_\_\_. global warming by making small changes to their daily habits, such as reducing their energy consumption and driving less.

**Question 15 :**

In a certain code language, 'MANAGE' is written as 'HJDQDP', and 'LITTLE' is written as 'HOWWLO'. How will 'POLICY' be written in that language?

**Difficulty : Moderate**

**Average Time : 120 Seconds**

**Options :**

1. CPMDOZ
2. QPMJDZ
3. YCILOP
4. BFLORS

**Solution :**

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

The logic used here is:

**'MANAGE' is written as 'HJDQDP'**

First, reverse the code.

MANAGE = PDQDJH

M + 3 = P

A + 3 = D

$$N + 3 = Q$$

$$A + 3 = D$$

$$G + 3 = J$$

$$E + 3 = H$$

'LITTLE' is written as 'HOWWLO'

First, reverse the code.

LITTLE = HOWWLO

$$L + 3 = O$$

$$I + 3 = L$$

$$T + 3 = W$$

$$T + 3 = W$$

$$L + 3 = O$$

$$E + 3 = H$$

Similarly;

Code for the word **POLICY**:

$$P + 3 = S$$

$$O + 3 = R$$

$$L + 3 = O$$

$$I + 3 = L$$

$$C + 3 = F$$

$$Y + 3 = B$$

POLICY = BFLORS

Hence, **BFLORS** is the correct answer.

### Comprehension :

Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. facing the world today. The of greenhouse gases such as carbon Global warming is one of the biggest environmental (1)\_\_\_\_\_. primary cause of global warming is the (2)\_\_\_\_\_. dioxide and



methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3) \_\_\_\_\_. effects of global warming are widespread and to reduce global include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4) \_\_\_\_\_. greenhouse gas emissions. However, individuals can also play a role in (5) \_\_\_\_\_. global warming by making small changes to their daily habits, such as reducing their energy consumption and driving less.

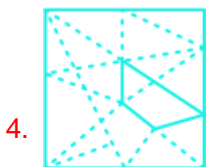
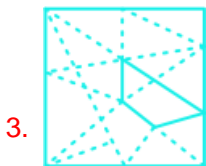
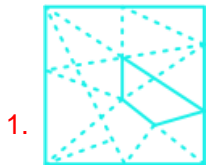
### Question 16 :

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

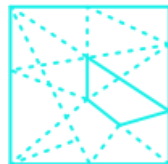
Difficulty : Moderate

Average Time : 107 Seconds

### Options :



### Solution :

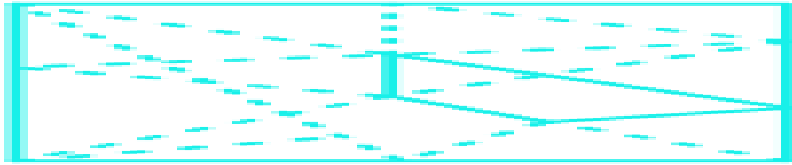


The correct answer is **Option 2** i.e.

The logic used here is:

Figures at the odd position are the same, and figures at the even position are the same.

The image series is:

**Comprehension :**

Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. facing the world today. The of greenhouse gases such as carbon Global warming is one of the biggest environmental (1)\_\_\_\_\_. primary cause of global warming is the (2)\_\_\_\_\_. dioxide and methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3)\_\_\_\_\_. effects of global warming are widespread and to reduce global include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4)\_\_\_\_\_. greenhouse gas emissions. However, individuals can also play a role in (5)\_\_\_\_\_. global warming by making small changes to their daily habits, such as reducing their energy consumption and driving less.

**Question 17 :**

Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered meaningful English words and must NOT be related to each other based on the number of letters/number of consonants/vowels in the word) Ophthalmology: Eyes:: Dermatology:?

Difficulty : Moderate

Average Time : 121 Seconds

**Options :**

1. Nerves
2. Skin
3. Bones
4. Brain

**Solution :**

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

The logic used here is:

**Ophthalmology: Eyes**

Ophthalmology deals with the diagnosis and treatment of the eye.

Similarly;

**Dermatology:?**

Dermatology deals with the diagnosis and treatment of skin.

Hence, **Skin** is the correct answer.

**Comprehension :**

Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. facing the world today. The of greenhouse gases such as carbon Global warming is one of the biggest environmental (1)\_\_\_\_\_. primary cause of global warming is the (2)\_\_\_\_\_. dioxide and methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3) \_\_\_\_\_. effects of global warming are widespread and to reduce global include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4) \_\_\_\_\_. greenhouse gas emissions. However, individuals can also play a role in (5) \_\_\_\_\_. global warming by making small changes to their daily habits, such as reducing their energy consumption and driving less.

**Question 18 :**

Select the set in which the numbers are related in the same way as the numbers of the given sets. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 - Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.) (4, 6, 8) (6, 8, 10)

**Difficulty : Moderate****Average Time : 97 Seconds****Options :**

1. (2, 12, 8)
2. (8, 12, 16)
3. (5, 30, 10)
4. (18, 18, 16)

**Solution :**

The correct answer is **Option 2** i.e. **(8, 12, 16)**.

The logic used here is:

**(4, 6, 8)**

$$(6 \times 2) - 4 = 12 - 4 = 8$$

**(6, 8, 10)**

$$(8 \times 2) - 6 = 16 - 6 = 10$$



Similarly,

**(8, 12, 16)**

$$(12 \times 2) - 8 = 24 - 8 = 16$$

Hence, **(8, 12, 16)** is the correct answer.

### Comprehension :

Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. facing the world today. The of greenhouse gases such as carbon Global warming is one of the biggest environmental (1)\_\_\_\_\_. primary cause of global warming is the (2)\_\_\_\_\_. dioxide and methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3)\_\_\_\_\_. effects of global warming are widespread and to reduce global include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4)\_\_\_\_\_. greenhouse gas emissions. However, individuals can also play a role in (5)\_\_\_\_\_. global warming by making small changes to their daily habits, such as reducing their energy consumption and driving less.

### Question 19 :

Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.) Tortoise: Hatchling:: Rabbit:?

Difficulty : Moderate

Average Time : 91 Seconds

### Options :

1. Shoat
2. Kitten
3. Piglet
4. Calf

### Solution :

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

The logic used here is:

### Tortoise: Hatchling

A baby tortoise is called a hatchling.

Similarly,

**Rabbit:?**

A young rabbit is called a kitten.

Hence, **Kitten** is the correct answer.

**Comprehension :**

Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. facing the world today. The of greenhouse gases such as carbon Global warming is one of the biggest environmental (1)\_\_\_\_\_. primary cause of global warming is the (2)\_\_\_\_\_. dioxide and methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3) \_\_\_\_\_. effects of global warming are widespread and to reduce global include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4) \_\_\_\_\_. greenhouse gas emissions. However, individuals can also play a role in (5) \_\_\_\_\_. global warming by making small changes to their daily habits, such as reducing their energy consumption and driving less.

**Question 20 :**

Select the set in which the numbers are related in the same way as the numbers of the following sets. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13- Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.) (15, 20, 4) (30, 30, 3)

**Difficulty : Moderate****Average Time : 95 Seconds****Options :**

1. (44, 187, 44)
2. (30, 190, 15)
3. (35, 120, 19)
4. (60, 400, 20)

**Solution :**

The correct answer is **Option 4** i.e. **(60, 400, 20)**.

The logic used here is:

**(15, 20, 4)**

$$(20 \div 4) \times 3 = 5 \times 3 = 15$$

**(30, 30, 3)**

$$(30 \div 3) \times 3 = 10 \times 3 = 30$$



Similarly,

**(60, 400, 20)**

$$(400 \div 20) \times 3 = 20 \times 3 = 60$$

Hence, **(60, 400, 20)** is the correct answer.

### Comprehension :

Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. facing the world today. The of greenhouse gases such as carbon Global warming is one of the biggest environmental (1)\_\_\_\_\_. primary cause of global warming is the (2)\_\_\_\_\_. dioxide and methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3)\_\_\_\_\_. effects of global warming are widespread and to reduce global include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4)\_\_\_\_\_. greenhouse gas emissions. However, individuals can also play a role in (5)\_\_\_\_\_. global warming by making small changes to their daily habits, such as reducing their energy consumption and driving less.

### Question 21 :

In a certain code language, "PENDANT" is written as "QFOEBOU" and "LAWFUL" is written as "MBXGVM". How will "IMPOSE" be written in that language?

Difficulty : Moderate

Average Time : 87 Seconds

### Options :

1. JNQPTF
2. INPQSG
3. KMPRSF
4. IMQQSG

### Solution :

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

The logic used here is:

"PENDANT" is written as "QFOEBOU"

$$P + 1 = Q$$

$$E + 1 = F$$

$$N + 1 = O$$

$$D + 1 = E$$

$$A + 1 = B$$

$$N + 1 = O$$

$$T + 1 = U$$

"LAWFUL" is written as "MBXGVM"

$$L + 1 = M$$

$$A + 1 = B$$

$$W + 1 = X$$

$$F + 1 = G$$

$$U + 1 = V$$

$$L + 1 = M$$

Similarly;

Code for the word **IMPOSE**:

$$I + 1 = J$$

$$M + 1 = N$$

$$P + 1 = Q$$

$$O + 1 = P$$

$$S + 1 = T$$

$$E + 1 = F$$

Hence, **JNQPTF** is the correct answer.

### Comprehension :

Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. facing the world today. The of greenhouse gases such as carbon Global warming is one of the biggest environmental (1)\_\_\_\_\_. primary cause of global warming is the (2)\_\_\_\_\_. dioxide and methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3)\_\_\_\_\_. effects of global warming are widespread and to reduce global include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4)\_\_\_\_\_. greenhouse gas emissions. However, individuals can also play a role in (5)\_\_\_\_\_. global warming by making small changes to their daily habits, such as reducing their energy consumption and driving less.

### Question 22 :

'P @ Q' means 'P is the wife of Q'. 'P # Q' means 'P is the brother of Q'. 'P \$ Q' means 'P is the father of Q'. 'P - Q' means 'P is the daughter of Q'. If Z - B \$ D \$ G, then how is Z related to G?

Difficulty : Moderate

Average Time : 114 Seconds

### Options :

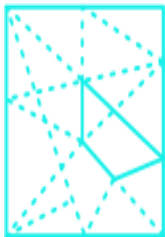
1. Z is the mother of G
2. Z is the sister of G
3. Z is the father's sister of G
4. Z is the daughter of G

### Solution :

The correct answer is **Option 3** i.e. **Z is the father's sister of G.**

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, Z is the father's sister of G.

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

### Comprehension :

Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. facing the world today. The of greenhouse gases such as carbon Global warming is one of the biggest environmental (1)\_\_\_\_\_. primary cause of global warming is the (2)\_\_\_\_\_. dioxide and methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3)\_\_\_\_\_. effects of global warming are widespread and to reduce global include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4)\_\_\_\_\_. greenhouse gas emissions. However, individuals can also play a role in (5)\_\_\_\_\_. global warming by making small changes to their daily habits, such as reducing their energy consumption and driving less.



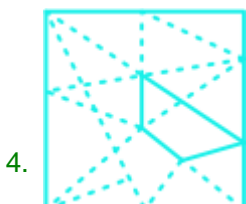
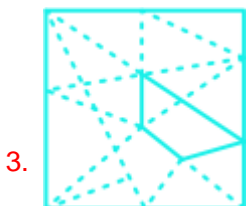
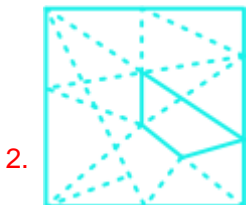
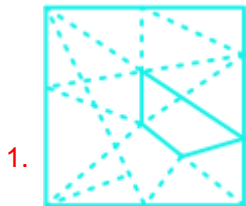
### Question 23 :

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

Difficulty : Moderate

Average Time : 98 Seconds

### Options :



### Solution :



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

The given figure is embedded in option 4, as shown below:

**Comprehension :**

Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. facing the world today. The of greenhouse gases such as carbon Global warming is one of the biggest environmental (1)\_\_\_\_\_. primary cause of global warming is the (2)\_\_\_\_\_. dioxide and methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3) \_\_\_\_\_. effects of global warming are widespread and to reduce global include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4) \_\_\_\_\_. greenhouse gas emissions. However, individuals can also play a role in (5) \_\_\_\_\_. global warming by making small changes to their daily habits, such as reducing their energy consumption and driving less.

**Question 24 :**

Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number. 175: 210:: 310: 372:: 295:?

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

1. 362
2. 354
3. 348
4. 340

**Solution :**

The correct answer is **Option 2** i.e. **354**.

The logic used here is:

**175: 210**

$$(175 \div 5) \times 6 = 35 \times 6 = 210$$

**310: 372**

$$(310 \div 5) \times 6 = 62 \times 6 = 372$$

Similarly,

**295:?**

$$(295 \div 5) \times 6 = 59 \times 6 = 354$$

Hence, **354** is the correct answer.

### Comprehension :

Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. facing the world today. The of greenhouse gases such as carbon Global warming is one of the biggest environmental (1)\_\_\_\_\_. primary cause of global warming is the (2)\_\_\_\_\_. dioxide and methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3)\_\_\_\_\_. effects of global warming are widespread and to reduce global include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4)\_\_\_\_\_. greenhouse gas emissions. However, individuals can also play a role in (5)\_\_\_\_\_. global warming by making small changes to their daily habits, such as reducing their energy consumption and driving less.

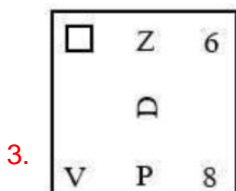
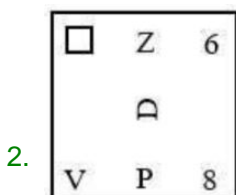
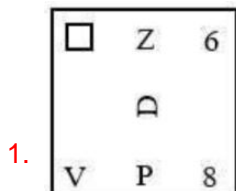
### Question 25 :

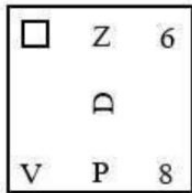
Select the figure that will replace the question mark (?) in the following figure series.

Difficulty : Moderate

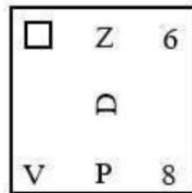
Average Time : 81 Seconds

### Options :





**Solution :**



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

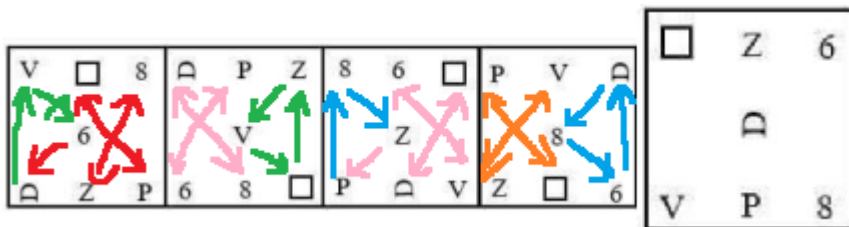
The logic is used here:

**From 1st figure to 2nd figure and 3rd figure to 4th figure:**

- Top-left, middle, and bottom-left shapes are interchanging their position.
- Top-right, bottom-middle, and bottom-right, top-middle shapes are interchanging their positions.

**From 2nd figure to 3rd figure and 4th figure to 5th figure:**

- Top-right, middle, and bottom-right shapes are interchanging their position.
- Top-left, bottom-middle, and bottom-left, top-middle shapes are interchanging their positions.



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

### Comprehension :

Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. facing the world today. The of greenhouse gases such as carbon Global warming is one of the biggest environmental (1)\_\_\_\_\_. primary cause of global warming is the (2)\_\_\_\_\_. dioxide and methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3) \_\_\_\_\_. effects of global warming are widespread and to reduce global include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4) \_\_\_\_\_. greenhouse gas emissions. However, individuals can also play a role in (5) \_\_\_\_\_. global warming by making small changes to their daily habits, such as reducing their energy consumption and driving less.

**Question 26 :**

Select the option that represents the correct order of the given words as they would appear in an English dictionary. 1. Tertiary 2. Terrace 3. Terrain 4. Termite 5. Territory 6. Terminate

**Difficulty : Moderate****Average Time : 124 Seconds****Options :**

1. 4, 6, 3, 2, 5, 1
2. 4, 6, 2, 3, 1, 5
3. 6, 4, 2, 3, 5, 1
4. 6, 4, 3, 2, 5, 1

**Solution :**

The correct answer is **Option 3** i.e. **6, 4, 2, 3, 5, 1**.

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

6. Terminate
4. Termite
2. Terrace
3. Terrain
5. Territory
1. Tertiary

**Comprehension :**

Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. facing the world today. The of greenhouse gases such as carbon Global warming is one of the biggest environmental (1)\_\_\_\_\_. primary cause of global warming is the (2)\_\_\_\_\_. dioxide and methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3)\_\_\_\_\_. effects of global warming are widespread and to reduce global include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4)\_\_\_\_\_. greenhouse gas emissions. However, individuals can also play a role in (5)\_\_\_\_\_. global warming by making small changes to their daily habits, such as reducing their energy consumption and driving less.

**Question 27 :**

Three different positions of the same dice are shown. Find the number on the face opposite the face showing '5'.

Difficulty : Moderate

Average Time : 83 Seconds

Options :

1. 2

2. 3

3. 4

4. 1

Solution :

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

In the second and third dice, 5 is common. So, start rotating either in the clockwise or anticlockwise direction.

**Clockwise direction:**

Dice 2: 5 6 4

Dice 3: 5 2 3

So, 5 is opposite to 1.

**Anticlockwise direction:**

Dice 2: 5 4 6

Dice 3: 5 3 2

So, 5 is opposite to 1.

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

**Comprehension :**

Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. facing the world today. The of greenhouse gases such as carbon Global warming is one of the biggest environmental (1)\_\_\_\_\_. primary cause of global warming is the (2)\_\_\_\_\_. dioxide and methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3)\_\_\_\_\_. effects of global warming are widespread and to reduce global include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4)\_\_\_\_\_. greenhouse gas emissions. However, individuals can also play a role in (5)\_\_\_\_\_. global warming by making small changes to their daily habits, such as reducing their energy consumption and driving less.

**Question 28 :**

Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series. A \_ M P S A C \_ P S A C O \_ S A C P P \_

**Difficulty : Moderate**

**Average Time : 92 Seconds**

**Options :**

1. C N P S
2. S C A N
3. C M A S
4. S M P A

**Solution :**

The correct answer is **Option 1** i.e. **C N P S**.

The sequence is: C N P S

Given sequence: A \_ M P S A C \_ P S A C O \_ S A C P P \_

**Option 1: C N P S**

A C M P S / A C N P S / A C O P S / A C P P S

Option 1 forms a particular pattern.

Hence, **C N P S** is the correct answer.

**Comprehension :**

Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. facing the world today. The of greenhouse gases such as carbon Global warming is one of the biggest environmental (1)\_\_\_\_\_. primary cause of global warming is the (2)\_\_\_\_\_. dioxide and methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3)\_\_\_\_\_. effects of global warming are widespread and to reduce global include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4)\_\_\_\_\_. greenhouse gas emissions. However, individuals can also play a role in (5)\_\_\_\_\_. global warming by making small changes to their daily habits, such as reducing their energy consumption and driving less.

**Question 29 :**

Which of the following terms will replace the question mark (?) in the given series? OTLN, MSJM, KRHL, IQFK, ?

**Difficulty : Moderate**

**Average Time : 98 Seconds**

**Options :**



HPDK

2. GQDJ

3. GPDJ

4. GPKD

**Solution :**

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

Given series: OTLN, MSJM, KRHL, IQFK, ?

The series follows this pattern:

**OTLN, MSJM**

O - 2 = M

T - 1 = S

L - 2 = J

N - 1 = M

Similarly;

**IQFK, ?**

I - 2 = G

Q - 1 = P

F - 2 = D

K - 1 = J

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

**Comprehension :**

Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. facing the world today. The of greenhouse gases such as carbon Global warming is one of the biggest environmental (1)\_\_\_\_\_. primary cause of global warming is the (2)\_\_\_\_\_. dioxide and methane into the atmosphere. These gases trap heat from the sun, causing the Earth's temperature to rise. The (3)\_\_\_\_\_. effects of global warming are widespread and to reduce global include more frequent and severe weather events, rising sea levels and the loss of biodiversity. Many governments and organisations have implemented (4)\_\_\_\_\_. greenhouse gas emissions. However, individuals can also play a role in (5)\_\_\_\_\_. global warming by making small changes to their daily habits, such as reducing their energy consumption and driving less.



**Question 30 :**

Which two signs should be interchanged to make the given equation correct?  $117 \div 13 + 16 \times 540 - 40 = 644$

**Difficulty : Moderate****Average Time : 91 Seconds****Options :**

1. + and  $\times$
2.  $\div$  and +
3. - and +
4.  $\div$  and -

**Solution :**

The correct answer is **Option 1** i.e. **+ and  $\times$** .

**Given equation:**  $117 \div 13 + 16 \times 540 - 40 = 644$

**Option 1: + and  $\times$** 

After interchanging the expression becomes:

$$= 117 \div 13 + 16 \times 540 - 40 = 644$$

$$= 117 \div 13 \times 16 + 540 - 40$$

$$= 9 \times 16 + 540 - 40$$

$$= 144 + 540 - 40$$

$$= 684 - 40$$

$$= 644 = 644$$

As we have found our answer, there is no need to check further options.

Hence, **+ and  $\times$**  is the correct answer.

**Question 31 :**

Which Chinese traveller visited India during the reign of Harshavardhana?

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

1. Hsuan Tsang



Etsing

3. Faxian

4. Ibn Battuta

**Solution :**

The correct answer is **Option 1** i.e. **Hsuan Tsang**

- The Chinese traveler who visited India during the reign of Harshavardhana was Xuanzang. Also known as Hiuen Tsang, he was a Buddhist monk, scholar, and traveler from China.
- Xuanzang visited India in the 7th century, during the time of Harshavardhana, the ruler of the Indian subcontinent from 606 to 647 CE.
- Xuanzang's detailed accounts of his travels and observations in India provide valuable historical and cultural insights into the Indian subcontinent during that period.

**Question 32 :**

Thomas Cup is a/an\_\_\_\_\_.

Difficulty : Moderate

Average Time : 51 Seconds

**Options :**

1. annual event
2. biennial event
3. quarterly event
4. triennial event

**Solution :**

The correct answer is **Option 2** i.e. **biennial event**

- Thomas Cup is a biennial event. The Thomas Cup is a prestigious international badminton championship for men's teams.
- It is one of the oldest and most prestigious team competitions in the sport of badminton. The Thomas Cup was inaugurated in 1949-1950 and is named after Sir George Alan Thomas, a former British badminton player.
- The tournament is held every two years and features national teams from around the world competing for the title.

**Question 33 :**

'Penalty Corner' is related to which of the following sports?

Difficulty : Moderate

Average Time : 54 Seconds

**Options :**

1. Chess
2. Tennis
3. Badminton
4. Hockey

**Solution :**

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

- 'Penalty Corner' is a term associated with the sport of field hockey. In field hockey, a penalty corner is awarded to the attacking team when a defensive foul is committed within the shooting circle by the defending team.
- It provides the attacking team with an opportunity to take a shot on goal from a set position with the opposition's defensive players positioned behind the backline.

**Question 34 :**

Which is the only living representative of Sphenopsida that has an underground, creeping and perennial rhizome that gives off aerial as well as underground branches?

**Difficulty : Moderate**

**Average Time : 53 Seconds**

**Options :**

1. Adiantum
2. Dryopteris
3. Selaginella
4. Equisetum

**Solution :**

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

- The only living representative of Sphenopsida (also known as horsetails) that has an underground, creeping, and perennial rhizome giving off both aerial and underground branches is Equisetum hyemale, commonly known as rough horsetail or scouring rush.
- This plant has a unique and distinctive appearance with jointed stems, scale-like leaves, and hollow stems containing silica, which historically has been used for scouring and polishing.

**Question 35 :**

Trichloromethane is better known as:



Difficulty : Moderate

Average Time : 47 Seconds

Options :

1. chloroform
2. butanes
3. LPG
4. laughing gas

Solution :

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

- Trichloromethane is better known as chloroform. It is a chemical compound with the molecular formula  $\text{CHCl}_3$  and is commonly used in various industrial and laboratory applications.
- Chloroform has been historically used as an anesthetic, although its use for this purpose has significantly declined due to safety concerns.

Question 36 :

Which Constitutional Amendment added Fundamental Duties in the Constitution?

Difficulty : Moderate

Average Time : 44 Seconds

Options :

1. Forty-Second Amendment Act, 1976
2. Forty-Seventh Amendment, 1984
3. Forty-Fourth Amendment Act 1978
4. Fifty-Second Amendment, 1985

Solution :

The correct answer is **Option 1** i.e. **Forty-Second Amendment Act, 1976**

- The Fundamental Duties were added to the Indian Constitution through the 42nd Amendment Act of 1976. This amendment, which came into effect on 3rd January 1977, incorporated a new Part IVA containing Article 51A that outlines the Fundamental Duties of citizens.
- There are eleven fundamental duties enumerated in Article 51A, highlighting the moral and civic responsibilities of Indian citizens.

Question 37 :

On International Women's Day 2022, the Ministry of MSME launched an entrepreneurship drive for women by which of the



following names?

Difficulty : Moderate

Average Time : 52 Seconds

Options :

1. SAMARTH
2. NIRBHAYA
3. SWADHAR
4. UJJAWALA

Solution :

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

- On International Women's Day 2022, the Ministry of MSME launched an entrepreneurship drive for women as part of the SAMARTH scheme.
- SAMARTH, which stands for Support for Augmenting MSMEs through Resource and Technology Upgradation, is designed to offer financial assistance to MSMEs for purposes such as technology upgradation and skill development.
- The scheme's objective is to empower women entrepreneurs by facilitating access to credit, establishing market linkages, and providing other essential resources necessary for the expansion of their businesses.

Question 38 :

Match the columns. States Hills 1. Kerala a. Anaimalai Hills 2. Meghalaya b. Garo Hills 3. Mizoram c. Lushai Hills

Difficulty : Moderate

Average Time : 56 Seconds

Options :

1. 1-a, 2-b, 3-c
2. 1-b, 2-c, 3-a
3. 1-b, 2-a, 3-c
4. 1-c, 2-b, 3-a

Solution :

The correct answer is **Option 1** i.e. **1-a, 2-b, 3-c**.

- Correctly matching Kerala with Anaimalai Hills, Meghalaya with Garo Hills, and Mizoram with Lushai Hills, we find:
- The Anaimalai Hills, situated in the Western Ghats of Kerala and Tamil Nadu, are renowned for their biodiversity and scenic beauty.

The Garo Hills, forming part of the Garo-Khasi range in Meghalaya, are home to the Garo people and are distinguished by their lush forests, waterfalls, and diverse wildlife.

- The Lushai Hills in Mizoram, named after the Lushai people residing in the region, are characterized by rugged terrain and are known for their rich flora and fauna.

### Question 39 :

Vijayanagara emperor Krishnadeva Raya founded a suburban township near Vijayanagara called Nagalapuram after his\_\_\_\_\_.

Difficulty : Moderate

Average Time : 61 Seconds

### Options :

1. father
2. teacher
3. sister
4. mother

### Solution :

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

- Vijayanagara Emperor Krishnadeva Raya founded the suburban township near Vijayanagara called Nagalapuram after his mother, Nagala Devi. The town was established in honor of her and was named Nagalapuram in recognition of her contributions and influence.

### Question 40 :

How many nominated members are there in the Legislative Assembly of Telangana?

Difficulty : Moderate

Average Time : 41 Seconds

### Options :

1. Four
2. One
3. Two
4. Three

### Solution :

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

The Legislative Assembly of Telangana comprises a total of 120 members, with 119 being elected and one serving as a nominated member. The nominated member is typically an individual chosen by the Governor of the state based on their expertise or knowledge in a particular field.

- The designated role of the nominated member in the Telangana Legislative Assembly involves contributing their specialized expertise and insights during the various discussions and debates that occur within the assembly.

### Question 41 :

Select the correct statement about the achievements of Sruti Bandopadhyay, an eminent Manipuri dancer.

Difficulty : Moderate

Average Time : 52 Seconds

### Options :

1. She received Padma Shri for the year 2020.
2. She received Sangeet Natak Akademi Award for the year 2020.
3. She received Kalidas Samman for the year 2020.
4. She received Padma Vibhushan for the year 2020.

### Solution :

The correct answer is **Option 2** i.e. **She received Sangeet Natak Akademi Award for the year 2020.**

- Sruti Bandopadhyay, a distinguished Manipuri dancer, has made substantial contributions to the promotion and conservation of Manipuri dance.
- In recognition of her outstanding achievements, she was honored with the prestigious Sangeet Natak Akademi Award in 2020, the highest national recognition for performing artists. Additionally, Sruti Bandopadhyay has received numerous other accolades, including the Nritya Choodamani award and the Rajiv Gandhi National Sadbhavana award.

### Question 42 :

Which of the given personalities is NOT associated with Carnatic Music?

Difficulty : Moderate

Average Time : 58 Seconds

### Options :

1. Kalyani Varadarajan
2. MS Subbulakshmi
3. Vishnu Narayan Bhaskhande
4. Subramania Bharathiyar

**Solution :**

The correct answer is **Option 3** i.e. **Vishnu Narayan Bhatkhande**

- Vishnu Narayan Bhatkhande is not associated with Carnatic music. He is known for his contributions to Hindustani classical music. Bhatkhande (1860–1936) was an influential musicologist who worked towards the classification of ragas and the systematization of music education in North India.
- His efforts led to the establishment of a systematic framework for teaching and learning Indian classical music, particularly in the Hindustani tradition. Carnatic music, on the other hand, is the classical music tradition of South India, and its notable contributors include musicians and musicologists like Purandara Dasa, Tyagaraja, Muthuswami Dikshitar, and others.

**Question 43 :**

Which of the following Acts was introduced to regulate Foreign Exchange in India in 1973?

Difficulty : Moderate

Average Time : 59 Seconds

**Options :**

1. FERA
2. FEMA
3. FRBM
4. SARFESI

**Solution :**

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

- The Foreign Exchange Regulation Act (FERA) of 1973 was introduced in India to regulate foreign exchange and foreign trade.
- FERA was enacted to consolidate and amend the law regulating certain payments, dealings in foreign exchange, and securities, as well as the import and export of currency and bullion.
- FERA aimed to control and manage foreign exchange transactions to safeguard the economic interests of India. It was later replaced by the Foreign Exchange Management Act (FEMA) in 1999.

**Question 44 :**

Which of the following dances is performed by the Santhal tribe of Jharkhand?

Difficulty : Moderate

Average Time : 53 Seconds

**Options :**

1. Jhika Dasain





Kolkali

3. Ghumar

4. Koli

**Solution :**

The correct answer is **Option 1** i.e. **Jhika Dasain**

- Jhika Dasain is a traditional Indian folk dance hailing from Jharkhand. This dance holds significance for the Santal tribe as it serves as a form of worship and training for young men within the community. The primary objective is to impart spiritual powers and ward off the influence of evil spirits.
- The training period spans several days, culminating in a night-long 'Lagren' dance, where women actively participate. The dance celebration involves the use of traditional musical instruments such as Madar, a cylindrical drum, Nagade, a hemispherical single-face drum, and Jhal, the cymbals.

**Question 45 :**

Which of the following cell organelles is made up of ribosomal RNA and protein?

**Difficulty : Moderate**

**Average Time : 58 Seconds**

**Options :**

1. Ribosome
2. Nucleus
3. Golgi body
4. Lysosome

**Solution :**

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

- The cell organelle made up of ribosomal RNA (rRNA) and protein is the ribosome.
- Ribosomes are involved in protein synthesis, where they serve as the site for the assembly of amino acids into polypeptide chains according to the information encoded in messenger RNA (mRNA).
- Ribosomes can be found either free in the cytoplasm or attached to the endoplasmic reticulum, and they play a crucial role in the cellular machinery responsible for building proteins.

**Question 46 :**

Shri Sagar Kailas Ovhalkar was in news for being conferred with Arjuna Award 2022 for his outstanding contribution in which of the following sports?

Difficulty : Moderate

Average Time : 55 Seconds

Options :

1. Kabbadi
2. Chess
3. Judo
4. Mallakhamb

Solution :

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

- Shri Sagar Kailas Ovhalkar was in news for being conferred with Arjuna Award 2022 for his outstanding contribution in Mallakhamb sports.
- Mallakhamb is a traditional Indian sport that involves gymnastics and strength training performed on a vertical wooden pole or a rope. The word "Mallakhamb" is derived from the Marathi words "mall" (meaning wrestler) and "khamb" (meaning pole).

Question 47 :

Who among the following was the first person to discuss poverty line in pre- independent India?

Difficulty : Moderate

Average Time : 50 Seconds

Options :

1. Dadabhai Naoroji
2. Mahalanobis
3. Dr. BR Ambedkar
4. RK Shanmukham Chetty

Solution :

The correct answer is **Option 1** i.e. **Dadabhai Naoroji**.

- Dadabhai Naoroji, an Indian political and social leader, is often credited as the first person to discuss the concept of the poverty line in pre-independent India.
- In his work titled "Poverty and Un-British Rule in India," published in 1901, Naoroji discussed the economic exploitation of India by the British colonial rulers and highlighted the conditions of poverty in the country. While he may not have explicitly used the term "poverty line," his discussions laid the groundwork for understanding and addressing poverty in the Indian context.

**Question 48 :**

Nag Panchami is celebrated in which month of Hindu Calendar?

Difficulty : Moderate

Average Time : 57 Seconds

**Options :**

1. Shравan
2. Kartik
3. Sharad
4. Asadh

**Solution :**

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

- Nag Panchami is typically celebrated on the fifth day (Panchami) of the bright half of the lunar month of Shравana.
- In the Hindu calendar, Shравana is the fifth month, and the bright half refers to the period between the new moon (Amavasya) and the full moon (Purnima). Therefore, Nag Panchami usually falls in July or August in the Gregorian calendar. It is a day dedicated to the worship of snakes or Nagas in Hindu culture.

**Question 49 :**

\_\_\_\_\_ became the first swimmer from India to breach the Olympic Qualification Time (A cut) in swimming as he capped the qualification period with an outstanding performance in the Sette Colli Trophy in Rome, Italy in June 2021.

Difficulty : Moderate

Average Time : 58 Seconds

**Options :**

1. Sajan Prakash
2. Srihari Nataraj
3. Anand Anilkumar Shylaja
4. Virbhawal Khade

**Solution :**

The correct answer is **Option 1** i.e. **Sajan Prakash**

- Sajan Prakash became the first swimmer from India to breach the Olympic Qualification Time (A cut) in swimming as he capped the qualification period with an outstanding performance in the Sette Colli Trophy in Rome, Italy in June 2021.
- Sajan Prakash clocked 1:56.38s in the 200m butterfly event, which is below the Olympic Qualification Time (A cut)

of 1:56.48s.

- With this achievement, Sajan Prakash has secured his spot in the upcoming Tokyo Olympics.

**Question 50 :**

Who is the regulator of Micro Finance Institutions in India?

Difficulty : Moderate

Average Time : 53 Seconds

**Options :**

1. SEBI
2. RBI
3. NABARD
4. SBI

**Solution :**

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

- In India, the regulation and supervision of Micro Finance Institutions (MFIs) are primarily under the purview of the Reserve Bank of India (RBI).
- The RBI regulates and oversees the functioning of financial institutions in the country, including MFIs, to ensure stability and adherence to regulatory guidelines.
- Additionally, the National Bank for Agriculture and Rural Development (NABARD) also plays a role in supporting and regulating MFIs, particularly those focused on rural development and microfinance activities.

**Question 51 :**

Study the given bar-graph and answer the question that follows. The bar graph shows the sales of cycles (in 1000 numbers) from four different companies during 2018. What is the average sales of all the companies (in 1000 numbers) for the year 2018?

Difficulty : Moderate

Average Time : 59 Seconds

**Options :**

1. 45,000
2. 34,000
3. 54,000
4. 24,000

**Solution :**



The correct answer is **option 1** i.e. **45,000**

Given that

The sales of cycles of company A = 25000

The sales of cycles of Company B = 30000

The sales of cycles of Company C = 55000

The sales of cycles of Company D = 70000

The total sales of cycles of all companies = 25000 + 30000 + 55000 + 70000 = 180000

Total number of companies = 4

Hence, the average of sales =  $180000/4 = 45000$

**Question 52 :**

The ratio of the number of boys to that of the girls in a school is 11 : 15. If there are 200 more girls than boys in the school, what is the number of boys in that school?

**Difficulty : Moderate**

**Average Time : 52 Seconds**

**Options :**

1. 550
2. 750
3. 506
4. 605

**Solution :**

The correct answer is **option 1** i.e. **550**

Given that

The ratio of the number of boys to the number of girls in a school is 11 : 15

If there are 200 more girls than boys in the school,

According to the question

$$15x - 11x = 200$$

$$4x = 200$$



$$x = 50$$

Hence, the number of boys in that school =  $11x = 11 \times 50 = 550$

**Question 53 :**

The following table shows the number of sweets manufactured by six factories. Year Factory P Q R S T U 1996 196 145 254 169 291 220 1997 172 233 141 125 167 189 1998 178 240 150 130 177 192 1999 180 260 160 140 188 195 What is the respective ratio of sweets manufactured by factories P. Q and R together in the year 1998, to the sweets manufactured by factories S.T and U together in the same year?

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

1. 568 : 499
2. 61 : 72
3. 61 : 42
4. 40 : 51

**Solution :**

The correct answer is **option 1** i.e. **568 : 499**

Given that

The sweets manufactured by factories P. Q and R together in the year 1998 =  $178 + 240 + 150 = 568$

The sweets manufactured by factories S.T and U together in the same year 1998 =  $130 + 177 + 192 = 499$

Hence, the required ratio is 568 : 499

**Question 54 :**

The ratio between the monthly income and the expenditure of Vaidic is 8 : 5. If his income increases by 20% and his expenditure increases by 30%, then find the percentage increase or decrease in his monthly savings.

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

1.  $\frac{2}{3}\%$  increase
2.  $\frac{2}{3}\%$  decrease
3.  $\frac{1}{3}\%$  increase



$\frac{1}{3}$ % decrease

**Solution :**

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

Given that

The ratio between the monthly income and the expenditure of Vaidic is 8 : 5.

Let the monthly income and the expenditure of Vaidic is 8x and 5x respectively

Formula used

Savings = Income - Expenditure

According to the question

Savings = 8x - 5x = 3x

His increased monthly income = 8x × (120/100) = 9.6x

His increased expenditure = 5x × (130/100) = 6.5x

Now, His savings = 9.6x - 6.5x = 3.1x

Hence, the increased % of his savings =  $(0.1x/3x) \times 100 = 10/3 = \frac{1}{3}$ %

**Question 55 :**

Simplify the following expression.  $(2 \times 7 - 5 + 9 \div 3) \div (4 + 2)^2 \times 2$

**Difficulty : Moderate**

**Average Time : 65 Seconds**

**Options :**

- 2
- $\frac{3}{2}$
- $\frac{2}{3}$
- 1.5

**Solution :**

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

Given that

$$(2 \times 7 - 5 + 9 \div 3) \div (4 + 2)^2 \times 2$$

$$(14 - 5 + 3) \div (4 + 2)^2 \times 2$$

$$12 \div 36 \times 2$$

$$(1/3) \times 2$$

$$2/3$$

**Question 56 :**

If ₹172 amounts to ₹1104.4 in 3 years, what will ₹120 amount to in 5 years at the same rate percent per annum?

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

1. ₹1450
2. ₹1330
3. ₹1210
4. ₹1215

**Solution :**

The correct answer is **option 3** i.e. ₹1210

Given that

If ₹172 amounts to ₹1104.4 in 3 years

Formula used

$$S.I. = \frac{PRT}{100}$$

where, P = sum, R = rate of interest, and T = time

Calculation

$$3 \text{ year interest} = 104.4 - 72 = ₹32.4$$

$$1 \text{ year interest} = \frac{32.4}{3} = ₹10.8$$

$$5 \text{ year interest} = 10.8 \times 5 = ₹54$$

Let the amount on the sum of 120 be P

$$\frac{(72 + 54)}{72} = \frac{P}{120}$$

$$\frac{7}{4} = \frac{P}{120}$$



$P = \hat{a}, 210$

**Question 57 :**

In the given figure, 'G' is the centre of the circle. Find the angle ACB when

**Difficulty : Moderate**

**Average Time : 51 Seconds**

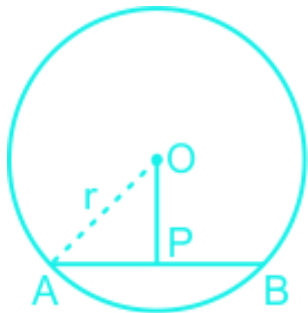
**Options :**

1.  $62^\circ$
2.  $66^\circ$
3.  $64^\circ$
4.  $60^\circ$

**Solution :**

The correct answer is **option 2** i.e.  $66^\circ$

Given that



As we know,

The angle made by an arc at the centre is twice the angle formed by the same arc at the circumference of a circle.

Hence, the angle ACB = the angle AGB/2 =  $132^\circ/2 = 66^\circ$

**Question 58 :**

Three successive discounts of 15%, 20% and 25% are given. What will be the net discount in percentage?

**Difficulty : Moderate**

**Average Time : 50 Seconds**

**Options :**

1. 52%
2. 49%



46%

4. 40%

**Solution :**

The correct answer is **option 2** i.e. **49%**

Given that

Three successive discounts of 15%, 20% and 25% are given

The single discount is equivalent to the discounts of 15% and 20%

$$= 15 + 20 - (15 \times 20)/100 = 35 - 3 = 32\%$$

The net discount is equivalent to the discounts of 32% and 25%

$$= 32 + 25 - (32 \times 25)/100 = 32 + 25 - 8 = 49\%$$

**Question 59 :**

Pipe A can fill an empty tank in 18 hours and pipe B can fill the same empty tank in 24 hours. If both pipes are opened simultaneously, how much time (in hours) will they take to fill the empty tank?

**Difficulty : Moderate**

**Average Time : 50 Seconds**

**Options :**

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

2.  $\frac{1}{7}$

3.  $\frac{2}{7}$

4.  $\frac{11}{7}$

**Solution :**

The correct answer is **option 3** i.e.  $\frac{2}{7}$

Given that

Pipe A can fill an empty tank in 18 hours

Pipe B can fill the same empty tank in 24 hours

Total capacity of the tank = LCM (18, 24) = 72

The efficiency of pipe A to fill the empty tank =  $72/18 = 4$



The efficiency of pipe B to fill the empty tank =  $72/24 = 3$

Hence, Both pipes together fill the empty tank in =  $72/(4 + 3) = 72/7 = 10\frac{2}{7}$

**Question 60 :**

In a mixture of 55 litres, fruit juice and water are in the ratio of 4 : 1. How much water (in litres) must be added to make the mixture ratio 2 : 1?

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

1. 9
2. 22
3. 11
4. 12

**Solution :**

The correct answer is **3** i.e. **11**

Given that

A mixture solution of 55 litres,

The fruit juice and water are in the ratio of 4: 1

The water in the solution =  $(1/5) \times 55 = 11$  litres

The fruit juice in the solution =  $(4/5) \times 55 = 44$  litres

Water is to be added so the mixture will be 2:1

The quantity of fruit juice is same in final mixture i.e. 44 litres

According to the question

2 units = 44 litres

1 units = 22 litres

So, the quantity of water in final mixture is 22 litres

Hence, water must be added in initial mixture =  $22 - 11 = 11$  litres

**Question 61 :**

Ranu carries water to school in a cylindrical flask with diameter 12 cm and height 21 cm. Determine the amount of water



that she can carry in the flask.  $(\text{Us}\mu\text{D}\mu\text{D}\mu = (\text{rac}\{22\}\{7\}))$

**Difficulty : Moderate**

**Average Time : 62 Seconds**

**Options :**

1. 2372 cm<sup>3</sup>
2. 2370 cm<sup>3</sup>
3. 2376 cm<sup>3</sup>
4. 2374 cm<sup>3</sup>

**Solution :**

The correct answer is **option 3** i.e. **2376 cm<sup>3</sup>**

Given that

A cylindrical flask with diameter (d) 12 cm and height (h) 21 cm.

Radius (r) =  $d/2 = 12/2 = 6$  cm

The amount of water that she can carry in the flask = Volume of the cylindrical flask

Formula used

Volume of a cylinder =  $r^2h$

Calculations

The amount of water in flask =  $22/7 \times 6^2 \times 21 = 2376 \text{ cm}^3$

**Question 62 :**

A policeman follows a thief, who is 1250 m ahead of him. The policeman and the thief run at speeds of 10 km/h and 8 km/h, respectively. The distance (in km) run by the thief before he is nabbed by the policeman is:

**Difficulty : Moderate**

**Average Time : 62 Seconds**

**Options :**

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

**Solution :**

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

Given that

A policeman follows a thief, who is 1250 m ahead of him

The speed of a policeman = 10 km/h

The speed of the thief = 8 km/h

According to the question

The relative speed of Policeman and Thief =  $10 - 8 = 2$  km/h

Time taken to catch the thief =  $1250/2000 = 0.625$  hours

Hence, the distance of thief before being caught by policeman =  $8 \times 0.625 = 5$  km

**Question 63 :**

In a circle, a 14 cm long chord is at 24 cm from the centre of the circle. Find the length of the radius of the circle.

**Difficulty : Moderate**

**Average Time : 53 Seconds**

**Options :**

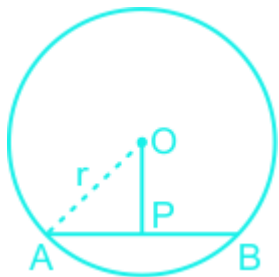
1. 30 cm
2. 25 cm
3. 50 cm
4. 27 cm

**Solution :**

The correct answer is **option 2** i.e. **25 cm**

Given that

A 14-cm-long chord (AB) is 24 cm distant from the centre (O) of the circle.



So,  $OP = 24$  cm,  $AP = 14/2 = 7$

The length of the radius of the circle,  $r^2 = AP^2 + OP^2 = 7^2 + 24^2 = 49 + 576 = 625$

$r = 25$  cm

Hence, the radius of circle is 25 cm

**Question 64 :**

A man takes 15 minutes to row 16 km downstream, which is 25% less than the time he takes to row the same distance upstream. How many kilometres can the man row in an hour in still water? (Rounded off to nearest whole number)

**Difficulty : Moderate**

**Average Time : 63 Seconds**

**Options :**

1. 56

2. 60

3. 58

4. 54

**Solution :**

The correct answer is 1 i.e. 56

Given that

A man row 16 km downstream in 15 minutes

A man row 16 km upstream in  $(15 \times 100/25) = 20$  minutes

Let speed of current be  $x$  and a man's speed =  $y$

According to the question

The downstream speed of a man =  $x + y = (16/15) \times 60 = 64$  km/h....(1)

The upstream speed of a man =  $y - x = (16/(1/3)) = 48$  km/h....(2)

Equation 1 + Equation 2

$2y = 112$

$y = 56$  km/h

So, the man covered distance in still water in an hour = 56 km

**Question 65 :**



To do a certain work, Ajay and Bharat work on alternate days, with Bharat starting the work on the first day. Ajay can finish the work alone in 32 days. If the work gets completed in exactly 8 days, then Bharat alone can finish 7 times the same work in \_\_\_\_\_ days.

**Difficulty : Moderate**

**Average Time : 64 Seconds**

**Options :**

1.  $\frac{28}{8}$
2. 4
3.  $\frac{32}{7}$
4. 32

**Solution :**

The correct answer is **option 4** i.e. **32**

Given that

Ajay can finish the work alone in 32 days

Ajay and Bharat work on alternate days, with Bharat starting the work on the first day.

If the work gets completed in exactly 8 days

So, Ajay worked for 4 days exactly and Bharat also worked for 4 days exactly

If Ajay's 4 days work =  $4/32 = 1/8$

The remaining work =  $1 - 1/8 = 7/8$

This remaining work ( $7/8$ ) is done by Bharat in = 4 days

Bharat completes whole work in =  $4/(7/8) = 32/7$

Hence, Bharat alone completes the 7 times of the same work in =  $(32/7) \times 7 = 32$  days

**Question 66 :**

If  $\sec \theta + \cos \theta = 32$ , then  $\sec^2 \theta + \cos^2 \theta$  is \_\_\_\_\_.

**Difficulty : Moderate**

**Average Time : 59 Seconds**

**Options :**

1. 1000



1022

3. 1024

4. 1020

**Solution :**

The correct answer is **option 2** i.e. **1022**

Given that

$$\text{If } \sec \theta + \cos \theta = 32$$

Squaring both sides

$$\sec^2 \theta + \cos^2 \theta + 2 \sec \theta \times \cos \theta = 32^2 = 1024$$

$$\sec^2 \theta + \cos^2 \theta = 1024 - 2$$

$$\sec^2 \theta + \cos^2 \theta = 1022$$

**Question 67 :**

A, B and C can separately complete a work in 12, 15 and 20 days, respectively. They worked together for 4 days. What will be the remaining work?

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

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

2.  $\frac{1}{5}$

3.  $\frac{1}{6}$

4.  $\frac{1}{8}$

**Solution :**

The correct answer is **option 2** i.e.  $\frac{1}{5}$

Given that

A, B and C can separately complete a work in 12, 15 and 20 days, respectively

$$\text{Total work} = \text{LCM}(12, 15, 20) = 120$$

$$\text{The efficiency of A} = 120/12 = 10$$





The efficiency of B =  $120/15 = 8$

The efficiency of C =  $120/20 = 6$

They worked together for 4 days, the work =  $(6 + 8 + 10) \times 4 = 96$

Hence, the remaining portion of the work =  $(120 - 96)/120 = 24/120 = 1/5$

**Question 68 :**

A shopkeeper gains 20% in place of a 16% loss if the selling price of an article is increased by Rs. 324. The cost price of the article is:

**Difficulty : Moderate**

**Average Time : 57 Seconds**

**Options :**

1. Rs. 900
2. Rs. 750
3. Rs. 1,350
4. Rs. 60

**Solution :**

The correct answer is **option 1** i.e. **Rs. 900**

Given that

A shopkeeper gains 20% in place of 16% loss

If an item's selling price rises by Rs. 324

According to the question

$$20\% - (-16\%) = \text{Rs. } 324$$

$$20\% + 16\% = 324$$

$$36\% = 324$$

$$100\% = (324/36) \times 100 = \text{Rs. } 900$$

Hence, the cost price of the article is Rs. 900

**Question 69 :**

If  $\triangle XYZ \sim \triangle LMR$ , then  $m + x + p =$  \_\_\_\_\_.



Difficulty : Moderate

Average Time : 47 Seconds

Options :

1. 7
2. 7
3. 9
4. 13

Solution :

The correct answer is **option 3** i.e. **9**

Given that

If  $\triangle XYZ \sim \triangle LMR$ , then  $m + x + p = \underline{\hspace{2cm}}$ .  $XY = LM$ ,

$$2m + 1 = 5$$

$$m = 2$$

Similarly,  $YZ = MR$

$$2p + 2 = 8$$

$$p = 3$$

Similarly,  $ZX = RL$

$$7 = 2x - 1$$

$$x = 4$$

Hence, the value of  $m + p + x = 2 + 3 + 4 = 9$

Question 70 :

If  $a = 17$ ,  $b = 13$ , then find the value of the expression  $(a^3 - b^3 - 3a^2b + 3ab^2)$ .

Difficulty : Moderate

Average Time : 51 Seconds

Options :

1. -64
2. -27000
3. 27000



64

**Solution :**The correct answer is **option 4** i.e. **64**

Given that

If  $a = 17$  ,  $b = 13$ The value of  $(a^3 - b^3 - 3a^2 b + 3ab^2)$ 

As we know,

$$(a - b)^3 = a^3 - b^3 - 3a^2 b + 3ab^2$$

$$(17 - 13)^3$$

$$4^3$$

$$64$$

**Question 71 :**Simplify the given expression.  $18 \div 3$  of  $2 \times 5 + 72 \div 18$  of  $2 \times 3 - 4 \div 8 \times 2$ **Difficulty : Moderate****Average Time : 51 Seconds****Options :**

1. 20

2.  $\frac{20}{3}$ 3.  $\frac{25}{3}$ 

4. 25

**Solution :**The correct answer is **option 1** i.e. **20**

Given that

$$18 \div 3 \text{ of } 2 \times 5 + 72 \div 18 \text{ of } 2 \times 3 - 4 \div 8 \times 2$$

$$18 \div 6 \times 5 + 72 \div 36 \times 3 - 4 \div 8 \times 2$$

$$3 \times 5 + 2 \times 3 - (1/2) \times 2$$

$$15 + 6 - 1$$



21 - 1

20

**Question 72 :**

The ages of Gyanendra and Arbind are in the ratio 6 : 5. If the sum of their ages is 55 years, then what will be the ratio of their ages after seven years from now?

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

1. 5 : 6
2. 37 : 32
3. 32 : 37
4. 6 : 5

**Solution :**

The correct answer is **option 2** i.e. **37 : 32**

Given that

The ages of Gyanendra and Arbind are in the ratio 6:5

Let the ages of Gyanendra and Arbind be  $6x$  and  $5x$ , respectively

According to the question

$$6x + 5x = 55$$

$$11x = 55$$

$$x = 5$$

So, the present age of Gyanendra =  $6x = 6 \times 5 = 30$

the present age of Arbind =  $5x = 5 \times 5 = 25$

Hence, their age ratio after seven years is  $(30 + 7) : (25 + 7) = 37 : 32$

**Question 73 :**

The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer. The availability of funds will be / ensured if they all tried to submit the proposals on time.



Difficulty : Moderate

Average Time : 62 Seconds

Options :

1. The availability of funds will be
2. No error
3. submit the proposals on time
4. ensured if they all tried to

Solution :

The correct answer is **ensured if they all tried to** i.e. **option 4**.

- The error is in the part "ensured if they all tried to."
- The use of "tried" suggests a past attempt, but in this context, the sentence is expressing a condition for the future.
- Therefore, it is more appropriate to use "**try**" to convey a future action.

Question 74 :

Select the option that can be used as a one-word substitute for the given group of words. A person who does not believe that God or Gods exist.

Difficulty : Moderate

Average Time : 56 Seconds

Options :

1. Irreverent
2. Atheist
3. Profane
4. Blasphemous

Solution :

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

- An atheist is someone who lacks belief in the existence of God.

Question 75 :

Select the most appropriate meaning of the given idiom. Sharp practice

Difficulty : Moderate

Average Time : 35 Seconds

Options :



Dishonesty

2. Frequently
3. Briefly
4. Nearby

**Solution :**

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

- The idiom "**sharp practice**" refers to deceitful or unethical behavior. It implies cunning or shrewd tactics that are intended to gain an advantage unfairly.
- Therefore, "**dishonesty**" is the most appropriate meaning for this idiom.

**Question 76 :**

Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph. A. But the question that perturbs Ruskin's mind is what social pressure can be exercised against a dishonest person. B. The merchant, for instance, must supply perfect and pure things to the people. C. Ruskin believes that in every civilised society there exist five intellectual professions, namely the soldier, the pastor, the physician, the lawyer and the merchant. D. Persons belonging to these professions are expected to perform their duty honestly.

**Difficulty : Moderate**

**Average Time : 66 Seconds**

**Options :**

1. BACD
2. DABC
3. CDBA
4. ABDC

**Solution :**

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

- Sentence C introduces Ruskin's belief about the existence of five intellectual professions in society.
- Sentence D elaborates on the expectation of honesty from individuals in these professions.
- Sentence B provides an example of one such profession, the merchant, emphasizing the importance of supplying high-quality goods to people.
- Sentence A reflects on Ruskin's concern about how society can deal with dishonest individuals, tying back to the expectation of honesty mentioned in sentence D.

**Question 77 :**

Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph. A. But she has no idea an aunt and uncle are waiting for her. B. 'The Strange Child' is the story of a young girl who believes she is the only one on the planet. C. Her parents simply vanished into thin air one day. D. She travels the world in search of Nevada because she aspires to reside in the Mojave Desert.

**Difficulty : Moderate****Average Time : 73 Seconds****Options :**

1. DABC
2. BDAC
3. BACD
4. BCDA

**Solution :**

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

- Sentence B introduces the story and the main character's belief that she is alone on the planet.
- Sentence C provides context about the disappearance of the main character's parents.
- Sentence D describes the main character's journey and her search for Nevada.
- Sentence A adds a twist by revealing that the main character is unaware of the existence of her aunt and uncle, setting up a potential resolution or turning point in the story.

**Question 78 :**

Select the option that expresses the given sentence in passive voice. Did you not buy the return tickets to Dehradun?

**Difficulty : Moderate****Average Time : 56 Seconds****Options :**

1. Was the return tickets to Dehradun not bought by you?
2. Were the return tickets to Dehradun not being bought by you?
3. Had the return tickets to Dehradun not bought by you?
4. Were the return tickets to Dehradun not bought by you?

**Solution :**

The correct answer is **Were the return tickets to Dehradun not bought by you?** i.e. **option 4**.

In the passive voice construction:



"The return tickets to Dehradun" becomes the subject.

- "Were" is the auxiliary verb used in interrogative sentences in passive voice.
- "Bought" is the past participle form of the verb "buy."
- "By you" indicates the doer of the action in the original sentence and is introduced with "by" in the passive construction.

**Question 79 :**

In the following sentence, four words are underlined, out of which one word is incorrectly spelt. Identify the INCORRECTLY spelt word. Seema was a timid girl. She did not talk to people who were not familiar to her. She was an introvert since adolosense.

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

1. **introvert**
2. **timid**
3. **adolosense**
4. **familiar**

**Solution :**

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

- **The correct spelling is "ADOLESCENCE."**
- Adolescence refers to the transitional stage of development between childhood and adulthood, typically characterized by physical, psychological, and social changes.

**Question 80 :**

Select the most appropriate idiom/phrase that can substitute the underlined segment in the given sentence. Vennela made a big fuss about a small problem.

**Difficulty : Moderate****Average Time : 44 Seconds****Options :**

1. **Get a taste of your own medicine**
2. **Barking up the wrong tree**
3. **Add insult to injury**
4. **A storm in a teacup**



**Solution :**

The correct answer is **A storm in a teacup** i.e. **option 4**.

- The idiom "**a storm in a teacup**" refers to making a great deal of fuss about an insignificant issue.
- It implies that the situation is not as serious as it is being made out to be.

**Question 81 :**

Describe how you will tell your parents that Mahesh and his team were helping the fire and rescue team in passive voice.

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

1. The fire and rescue team helped by Mahesh and his team.
2. The fire and rescue team was being helped by Mahesh and his team.
3. The fire and rescue team being help by Mahesh and his team.
4. Mahesh and his team were been helping the fire and rescue team.

**Solution :**

The correct answer is **The fire and rescue team was being helped by Mahesh and his team**. i.e. **option 2**.

- The sentence "**The fire and rescue team was being helped by Mahesh and his team**" uses passive voice to emphasize that Mahesh and his team were assisting the fire and rescue team.
- The structure "was being helped" shifts the focus to the recipient of the action, and "by Mahesh and his team" identifies the doer without making them the primary focus of the sentence.

**Question 82 :**

Select the grammatically correct statement from among the given options. A. It is a nice party. I am enjoying the party. B. It is a party. I am enjoying an party. C. It is party. I am enjoying a party. D. It is the party. I am enjoying an party.

**Difficulty : Moderate****Average Time : 77 Seconds****Options :**

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

**Solution :**



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

- Option A maintains grammatical consistency and clarity throughout the sentence.

**Question 83 :**

Select the option that can be used as a one-word substitute for the given group of words. A book or set of books giving information about all areas of knowledge

Difficulty : Moderate

Average Time : 39 Seconds

**Options :**

1. Encyclopedia
2. Dictionary
3. Volume
4. Anthology

**Solution :**

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

- An encyclopedia is a book or set of books that provides information on a wide range of subjects or areas of knowledge, typically arranged alphabetically.

**Question 84 :**

Select the most appropriate synonym of the given word. Peruse

Difficulty : Moderate

Average Time : 38 Seconds

**Options :**

1. Check
2. Draw
3. Pursue
4. Narrate

**Solution :**

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

- "**Peruse**" typically means to read something carefully or thoroughly.
- "**Check**" means to verify or inspect something for accuracy or completeness, which fits as the synonym for peruse.

**Question 85 :**



Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph. A. We often make all things around us the way we want them. B. Even during our pilgrimages, we have begun to look for whatever makes our heart happy, gives comfort to our body and peace to the mind. C. Our mind is resourceful enough to find shortcuts in simple and easy ways. D. It is as if external solutions will fulfil our needs, and we do not want to make any special efforts even in our spiritual search.

**Difficulty : Moderate**

**Average Time : 65 Seconds**

**Options :**

1. CABD
2. ADBC
3. ABDC
4. DABC

**Solution :**

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

- Sentence C introduces the idea that our mind seeks shortcuts and easy solutions.
- Sentence A elaborates on this idea by stating that we often shape our environment according to our desires.
- Sentence B expands on the concept by discussing how we seek comfort and happiness even during pilgrimages, suggesting a desire for external fulfillment.
- Sentence D concludes the paragraph by highlighting the tendency to rely on external solutions and avoid making efforts, even in spiritual pursuits.

**Question 86 :**

Select the most appropriate ANTONYM of the underlined word in the given sentence. The Emperor was considered as a wicked man.

**Difficulty : Moderate**

**Average Time : 56 Seconds**

**Options :**

1. Virtuous
2. Savage
3. Fierce
4. Vile

**Solution :**

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

- "Wicked" means evil, immoral, or sinful.
- "Virtuous" means having high moral standards, being righteous, or exhibiting goodness.

**Question 87 :**

Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph. A. It's because the 'practical people' in society boast of having a practical approach to life. B. It is very likely for youngsters to seek advice from their elders. C. Emphasising upon the times that prevailed, the youth very much get their queries answered systematically. D. In the similar context even the elders are, in most likelihood, expected to give their advice as a word of guidance.

**Difficulty : Moderate****Average Time : 59 Seconds****Options :**

1. **BDCA**
2. **CDAB**
3. **ACDB**
4. **DCAB**

**Solution :**

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

- Sentence B introduces the idea that young people often seek advice from their elders.
- Sentence D expands on this concept by explaining that elders are expected to give advice as a form of guidance.
- Sentence C provides additional context by suggesting that the youth receive systematic answers to their queries, emphasizing the importance of seeking advice.
- Sentence A concludes the paragraph by explaining why seeking advice is common, attributing it to the practical approach to life advocated by society.

**Question 88 :**

Select the most appropriate synonym of the given word. Matching

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

1. **Appointing**



Distinguishing

3. Adoring

4. Resembling

### Solution :

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

- "**Matching**" refers to two or more things that are similar or identical in some way, often in terms of color, style, or design.
- "**Resembling**" also means to be similar to or to have a likeness to something else. It indicates a similarity in appearance, characteristics, or qualities.

### Question 89 :

Select the most appropriate ANTONYM of the given word. Derision

Difficulty : Moderate

Average Time : 46 Seconds

### Options :

1. Disintegration
2. Termination
3. Admiration
4. Estimation

### Solution :

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

- "Derision" refers to the act of mocking, ridiculing, or treating someone or something with contempt or scorn.
- "Admiration," on the other hand, means to regard someone or something with respect, approval, or appreciation.

### Question 90 :

Select the most appropriate synonym of the word given in brackets to fill in the blank. He was offered a \_\_\_\_\_ (moderate) price for his bungalow.

Difficulty : Moderate

Average Time : 45 Seconds

### Options :

1. sustainable
2. considerable

respectable

4. reasonable

### Solution :

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

- "Moderate" means neither too much nor too little; it suggests a middle level or degree.
- "Reasonable" conveys a similar sense of being fair, sensible, or within rational limits.

### Question 91 :

Select the most appropriate synonym of the underlined word. The salesman yielded to the demands of his corrupt boss.

Difficulty : Moderate

Average Time : 44 Seconds

### Options :

1. Conceded
2. Courted
3. Hounded
4. Trended

### Solution :

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

- "Yielded" means to give in to someone's demands or to surrender or submit to pressure or authority.
- "Conceded" carries a similar meaning, suggesting acknowledging the validity of someone's point or giving in to their demands.

### Question 92 :

Select the INCORRECTLY spelt word.

Difficulty : Moderate

Average Time : 41 Seconds

### Options :

1. Deceived
2. Reciept
3. Resistance
4. Postponed

**Solution :**

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

- The correct spelling is "**RECEIPT**."

**Comprehension :**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. Learning a new language can be challenging, but it's also (1) \_\_\_\_\_. It can open up new opportunities for communication and cultural exchange. When learning a new language, it's important to be patient and (2) \_\_\_\_\_ yourself time to progress. One way to make to it every day, even if it's just for a few minutes. language learning easier is to (3) \_\_\_\_\_. This helps in building consistency and reinforces what you're learning. Practising speaking and listening is also important, not just reading and writing. By immersing yourself in the language and culture, you can accelerate your (4) \_\_\_\_\_ and gain a deeper understanding of the language. Learning a new language is not only practical, but it's also (5) \_\_\_\_\_ and can be a fun experience.

**Question 93 :**

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

**Difficulty : Moderate****Average Time : 73 Seconds****Options :**

1. insignificant
2. rewarding
3. pointless
4. customising

**Solution :**

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

- The word "rewarding" fits well in the context of the sentence, which talks about the positive aspects of learning a new language.

**Comprehension :**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. Learning a new language can be challenging, but it's also (1) \_\_\_\_\_. It can open up new opportunities for communication and cultural exchange. When learning a new language, it's important to be patient and (2) \_\_\_\_\_ yourself time to progress. One way to make to it every day, even if it's just for a few minutes. language learning easier is to (3) \_\_\_\_\_. This helps in building consistency and reinforces what you're learning. Practising speaking and listening is also important, not just reading and writing. By immersing yourself in the language and culture, you can accelerate your (4) \_\_\_\_\_ and gain a deeper understanding of the language. Learning a new language is not only



practical, but it's also (5) \_\_\_\_\_. and can be a fun experience.

**Question 94 :**

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

**Difficulty : Moderate**

**Average Time : 76 Seconds**

**Options :**

1. give
2. neglect
3. rush
4. force

**Solution :**

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

- The verb "give" fits well in this context, as it implies giving oneself the time and opportunity to improve and advance in language learning.

**Comprehension :**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. Learning a new language can be challenging, but it's also (1) \_\_\_\_\_. It can open up new opportunities for communication and cultural exchange. When learning a new language, it's important to be patient and (2) \_\_\_\_\_. yourself time to progress. One way to make to it every day, even if it's just for a few minutes. language learning easier is to (3) \_\_\_\_\_. This helps in building consistency and reinforces what you're learning. Practising speaking and listening is also important, not just reading and writing. By immersing yourself in the language and culture, you can accelerate your (4) \_\_\_\_\_. and gain a deeper understanding of the language. Learning a new language is not only practical, but it's also (5) \_\_\_\_\_. and can be a fun experience.

**Question 95 :**

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

**Difficulty : Moderate**

**Average Time : 77 Seconds**

**Options :**

1. hesitate
2. commit
3. forget





procrastinate

**Solution :**

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

- The verb "commit" fits well in this context, as it implies dedicating oneself to a task or activity regularly and consistently.

**Comprehension :**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. Learning a new language can be challenging, but it's also (1) \_\_\_\_\_. It can open up new opportunities for communication and cultural exchange. When learning a new language, it's important to be patient and (2) \_\_\_\_\_. yourself time to progress. One way to make to it every day, even if it's just for a few minutes. language learning easier is to (3) \_\_\_\_\_. This helps in building consistency and reinforces what you're learning. Practising speaking and listening is also important, not just reading and writing. By immersing yourself in the language and culture, you can accelerate your (4) \_\_\_\_\_. and gain a deeper understanding of the language. Learning a new language is not only practical, but it's also (5) \_\_\_\_\_. and can be a fun experience.

**Question 96 :**

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

Difficulty : Moderate

Average Time : 76 Seconds

**Options :**

1. pitch
2. complacency
3. progress
4. stamina

**Solution :**

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

- The word "progress" fits well in this context, as it refers to the development or improvement made in learning a new language.

**Comprehension :**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. Learning a new language can be challenging, but it's also (1) \_\_\_\_\_. It can open up new opportunities for communication and cultural exchange. When learning a new language, it's important to be patient and (2) \_\_\_\_\_. yourself time to progress. One way to make to it every day, even if it's just for a few minutes. language learning



easier is to (3) \_\_\_\_\_. This helps in building consistency and reinforces what you're learning. Practising speaking and listening is also important, not just reading and writing. By immersing yourself in the language and culture, you can accelerate your (4) \_\_\_\_\_, and gain a deeper understanding of the language. Learning a new language is not only practical, but it's also (5) \_\_\_\_\_. and can be a fun experience.

**Question 97 :**

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

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

1. daunting
2. arduous
3. intimidating
4. enjoyable

**Solution :**

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

- The word "enjoyable" fits well in this context, as it conveys the idea of finding pleasure or satisfaction in the process of learning a new language.

**Question 98 :**

If  $\sec + \tan = 5$ , ( $\neq 0$ ), then  $\sec$  is equal to:

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

1.  $\left(\frac{1}{5}\right)$
2.  $\left(\frac{1}{2}\left(3+\frac{1}{3}\right)\right)$
3.  $\left(\frac{1}{2}\left(5+\frac{1}{5}\right)\right)$
4.  $\left(3+\frac{1}{3}\right)$

**Solution :**

The correct answer is **option 3** i.e.  $\left(\frac{1}{2}\left(5+\frac{1}{5}\right)\right)$

Given that

If  $\sec + \tan = 5$  .....(1)

As we know,

$$(\sec - \tan) = 1/(\sec + \tan)$$

$$\sec - \tan = 1/5 \text{ .....(2)}$$

Equation 1 + Equation 2

$$2\sec = 5 + 1/5$$

$$\sec = \left(\frac{1}{2}\left(5 + \frac{1}{5}\right)\right)$$

**Question 99 :**

If  $x > 0$ , and  $x^4 + \left(\frac{1}{x^4}\right) = 254$ , what is the value of  $x^5 + \left(\frac{1}{x^5}\right)$ ?

**Difficulty : Moderate**

**Average Time : 64 Seconds**

**Options :**

1.  $\sqrt{717}$
2.  $\sqrt{723}$
3.  $\sqrt{720}$
4.  $\sqrt{726}$

**Solution :**

The correct answer is **option 1** i.e.  $\sqrt{717}$ .

Given that

$$x^4 + \left(\frac{1}{x^4}\right) = 254$$

$$(x^2 + 1/x^2)^2 - 2 = 254$$

$$(x^2 + 1/x^2)^2 = 256$$

$$x^2 + 1/x^2 = 16$$

$$(x + 1/x)^2 - 2 = 16$$

$$(x + 1/x)^2 = 18$$

$$x + 1/x = 32$$

Cubing both sides

$$x^3 + 1/x^3 = 542 - 92 = 452$$

As we know,

$$x^5 + \frac{1}{x^5} = (x^2 + \frac{1}{x^2})(x^3 + 1/x^3) - (x + 1/x) = 16 \times 452 - 32 = 7202 - 32 = 7172$$

**Question 100 :**

Simplify the following:  $(\sin^3 \theta + \cos^3 \theta)(\sin \theta + \cos \theta)$

Difficulty : Moderate

Average Time : 79 Seconds

**Options :**

1.  $1 + \sin \cos$
2.  $\tan$
3.  $1 - \sin \cos$
4.  $\sec$

**Solution :**

The correct answer is **option 3** i.e.  $1 - \sin \cos$ .

Given that

$$\frac{\sin^3 \theta + \cos^3 \theta}{\sin \theta + \cos \theta}$$

As we know,

$$\frac{\sin^3 \theta + \cos^3 \theta}{\sin \theta + \cos \theta} = (\sin \theta + \cos \theta)(\sin^2 \theta + \cos^2 \theta - \sin \theta \cos \theta)$$

$$(\sin \theta + \cos \theta)(\sin^2 \theta + \cos^2 \theta - \sin \theta \cos \theta) / (\sin \theta + \cos \theta)$$

$$\sin^2 \theta + \cos^2 \theta - \sin \theta \cos \theta$$

$$1 - \sin \theta \cos \theta$$

## Ssc Cgl Tier I Previous Year Question Paper Analysis

The analysis of Ssc Cgl Tier I Previous Year Question Paper held on 2023-10-27 in the Morning Shift exam is as follows:

1. 100 questions were moderate.
2. The safe score is 140 marks.
3. , 25 questions were asked from General Awareness, 25 questions were asked from Logical Reasoning, 25

questions were asked from Quantitative Aptitude and 25 questions were asked from English Language  
4. 34 questions should have been skipped if you were short of time.

# Ssc Cgl Tier I Previous Year Question Paper Topic Wise Weightage

## General Awareness

1. History - 2
2. Polity - 2
3. Economics - 2
4. Science - 5
5. GK Misc - 7
6. Current Affairs - 4
7. Law & Constitution - 1
8. Art And Culture - 2

## Logical Reasoning

1. Coding Decoding - 2
2. Analogy - 7
3. Classification - 1
4. Blood Relations - 1
5. Venn Diagrams - 2
6. Dictionary Based - 1
7. Figure Based - 4
8. Series - 4
9. Mathematical Reasoning - 2
10. Cubes And Dice - 1

## Quantitative Aptitude

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

- Interest - 1
- 7. Ratios And Proportion - 2
- 8. Geometry - 3
- 9. Trigonometry - 3
- 10. Mensuration - 1
- 11. Algebra - 2
- 12. Mixtures And Alligations - 1
- 13. Profit And Loss - 1
- 14. Pipes And Cistern - 1

## English Language

- 1. Comprehensive - 5
- 2. Grammar - 1
- 3. Spotting Error - 1
- 4. Parajumbles - 3
- 5. Sentence Jumbles - 1
- 6. Idioms - 2
- 7. One Word Substitution - 2
- 8. Voice - 2
- 9. Synonym - 4
- 10. Antonym - 2
- 11. Incorrectly Spelt - 2
- 12. Incorrectly Spelt - 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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## Further Guidance on Ssc Cgl Tier I Previous Year Question Paper

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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.