





## 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 2020-03-07 in the Evening 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 :

In a certain code language, 'LAMP' is coded as '2422632'. How will 'FORK' be coded as in that language?

**Difficulty : Moderate** 

#### **Options** :

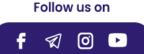
- 1. 12303622
- 2. 12302624
- 3. 12303424
- 4. 12303422

#### Solution :

The correct answer is option 1 i.e 12303622

Understanding

Application



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	Similarly,
The logic used here is:	Code for the word FORK:
L 12 × 2 = 24	F 6 × 2 = 12
A 1 × 2 = 2	O 15 × 2 = 30
M 13 × 2 = 26	R 18 × 2 = 36
P 16 × 2 = 32	K 11 × 2 = 22
	Hence, option 1 is the correct answer.

#### **Question 2 :**

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement. I do not see some reasons why my application should be rejected.

#### **Difficulty : Moderate**

#### **Options**:

- 1. many reasons so
- 2. some reason for
- 3. any reason why
- 4. No improvement

#### Solution :

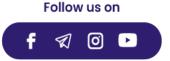
The correct answer is option 3 i.e. any reason why.

- In general, any is used in negative sentences and questions.
- I didn't get **any** nice presents for Christmas this year.
- I looked in the cupboard but I couldn't find any biscuits. I don't need any help.
- The given statement is in the negative structure hence, "ANY" will suit the statement.
- The chosen option follows the given rule hence, it will IMPROVE the statement correctly.

#### **Correct Sentence:-**

I do not see **any reasons why** my application should be rejected.

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#### **Question 3 :**

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No improvement. Having being warn before, he did not repeat the mistake.

**Difficulty : Moderate** 

Average Time : 75 Seconds

#### **Options**:

- 1. No improvement
- 2. be warned before
- 3. been warned before
- 4. being warned before

#### Solution :

The correct answer is option 3 i.e. been warned before.

- "Have + been + past participle" is the correct structure.
- The chosen option follows the given rule hence, it will IMPROVE the statement correctly.

#### **Correct Sentence:-**

Having been warned before, he did not repeat the mistake.

#### **Question 4 :**

Select the ANTONYM of the given word. MALICE

#### **Difficulty : Moderate**

#### **Options**:

- 1. Goodwill
- 2. Humility
- 3. Hypocrisy
- 4. Truth

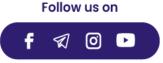
#### Solution :

The correct answer is option 1 i.e. Goodwill.

Let's have a look at the meaning of the given options:-

1. Malice- a wish to hurt other people.

Average Time : 48 Seconds



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Goodwill- friendly, helpful feelings towards other people.

3. Humility- the quality of not thinking that you are better than other people.

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4. **Hypocrisy**- behaviour in which somebody pretends to have moral standards or opinions that he/she does not really have.

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5. Truth- what is true; the facts.

#### As the chosen option expresses the opposite meaning of the given word it will be the correct answer.

#### Question 5 :

Select the most appropriate meaning of the given idiom. Cut and dried

Difficulty : Moderate

KA

#### **Options :**

- 1. Very old
- 2. Dead and gone
- 3. Badly hurt
- 4. Already decided

#### Solution :

The correct answer is option 4 i.e. Already decided.

The meaning of the given idiom-

Cut and dried- (of a situation) completely settled.

#### As the meaning of the given idiom is the same as the chosen option it will be correct.

#### **Question 6 :**

Select the ANTONYM of the given word. FOUL

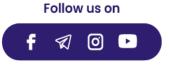
Difficulty : Moderate

#### **Options :**

- 1. Nasty
- 2. Fair
- 3. Proud
- 4. Vile

#### Solution :

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The correct answer is option 2 i.e. Fair.

#### Let's have a look at the meaning of the given options:-

- 1. Foul- that smells or tastes disgusting.
- 2. Nasty- very bad or unpleasant.
- 3. Fair- appropriate and acceptable in a particular situation.
- 4. Proud- feeling pleased and satisfied about something that you own or have done.

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5. Vile- very bad or unpleasant.

#### As the chosen option expresses the opposite meaning of the given word it will be the correct answer.

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#### Question 7:

Select the INCORRECTLY spelt word.

**Difficulty : Moderate** 

#### **Options**:

- 1. Eighty
- 2. Fourty
- 3. Ninety
- 4. Fifty

#### Solution :

The correct answer is option 2 i.e. Fourty.

#### Let's have a look at the meaning of the given options:-

- 1. Eighty- the number 80.
- 2. Forty- the number 40.
- 3. Ninety- the number 90.
- 4. Fifty- the number 50.

### As the chosen option is incorrectly spelt it will be the correct answer.

#### **Question 8 :**

Select the correct passive form of the given sentence. She is teaching French to children.

**Difficulty : Moderate** 

Average Time : 50 Seconds

#### **Options**:

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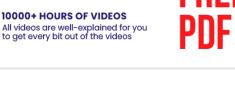
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Children are being taught French by her.

- 2. Children have been taught French by her.
- 3. Children were taught French by her.
- 4. Children are taught French by her.

#### Solution :

The correct answer is option 1 i.e. Children are being taught French by her.

Active voice- Subject + is/am/are + v4 + object + other words.

**Passive voice**- Object + is/am/are + being + v3 + by + subject + other words.

#### As the chosen option follows this rule it will be the correct answer.

#### **Comprehension:**

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank. The Matryoshka doll is also called the Russian nesting doll. It is a set wooden dolls decreasing in size and (2)\_\_\_\_ inside one another. The first such set (3)  $(1)_{}$ \_ in 1890. The figures inside may be of (4) gender. The smallest doll is the baby, made from (5)\_ single piece of wood.

#### **Question 9 :**

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

#### **Difficulty : Moderate**

#### **Options**:

- 1. for
- 2. in
- 3. of
- 4. by

#### Solution :

The correct answer is option 3 i.e. of.

• "A set of" is the correct phrase hence, "OF" will be the correct choice for the given blank.

#### Hence, the chosen option will be correct.

#### **Comprehension**:

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In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Selectthe most appropriate option for each blank. The Matryoshka doll is also called the Russian nesting doll. It is a set (1)\_\_\_\_\_\_ wooden dolls decreasing in size and (2)\_\_\_\_\_\_ inside one another. The first such set (3)\_\_\_\_\_\_ in 1890. The figures inside may be of (4)\_\_\_\_\_\_ gender. The smallest doll is the baby, made from (5)\_\_\_\_\_\_ single piece of wood.

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#### Question 10 :

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

**Difficulty : Moderate** 

#### **Options :**

- 1. placed
- 2. occupied
- 3. located
- 4. situated

#### Solution :

The correct answer is option 1 i.e. placed.

#### Let's have a look at the meaning of the given options:-

1. placed- to put something carefully or deliberately in a particular position.

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- 2. **occupied-** being used by somebody.
- 3. located- in a particular place.
- 4. situated- in a particular place or position.

The meaning of the chosen option suits the given blank hence, it will be correct.

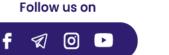
#### Hence, the chosen option will be correct.

#### **Comprehension :**

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank. The Matryoshka doll is also called the Russian nesting doll. It is a set (1)\_\_\_\_\_\_ wooden dolls decreasing in size and (2)\_\_\_\_\_\_ inside one another. The first such set (3)\_\_\_\_\_\_ in 1890. The figures inside may be of (4)\_\_\_\_\_\_ gender. The smallest doll is the baby, made from (5)\_\_\_\_\_\_ single piece of wood.

#### Question 11 :

Select the most appropriate option to fill in blank number (3).



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Difficulty : Moderate

Average Time : 76 Seconds

#### **Options :**

- 1. was made
- 2. made
- 3. has been made
- 4. is made

#### Solution :

The correct answer is option 1 i.e. was made.

- Subjects and verbs must <u>AGREE</u> with one another in number (singular or plural). Thus, if a subject is singular, its verb must also be singular; if a subject is plural, its verb must also be plural.
- The subject is singular hence, we need to use a singular verb.
- The given statement will be in the passive voice as there is no doer in the given statement.
- The statement will be written in the past tense as there is a time "1890".

All the rules are followed by the chosen option hence, it will suit the given blank.

#### Hence, the chosen option will be correct.

#### **Comprehension :**

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank. The Matryoshka doll is also called the Russian nesting doll. It is a set (1)\_\_\_\_\_\_ wooden dolls decreasing in size and (2)\_\_\_\_\_\_ inside one another. The first such set (3)\_\_\_\_\_\_ in 1890. The figures inside may be of (4)\_\_\_\_\_\_ gender. The smallest doll is the baby, made from (5)\_\_\_\_\_\_ single piece of wood.

#### Question 12 :

Select the most appropriate option to fill in blank number (4).

#### **Difficulty : Moderate**

Average Time : 87 Seconds

#### Options :

- 1. every
- 2. neither
- 3. either
- 4. some

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#### Solution :

The correct answer is option 3 i.e. either.

- "Either" shows one out of two.
- We have two genders as well and the statement is trying to show that it can be anyone out of two.

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#### Hence, the chosen option will be correct.

#### Comprehension :

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank. The Matryoshka doll is also called the Russian nesting doll. It is a set (1)\_\_\_\_\_\_ wooden dolls decreasing in size and (2)\_\_\_\_\_\_ inside one another. The first such set (3)\_\_\_\_\_\_ in 1890. The figures inside may be of (4)\_\_\_\_\_\_ gender. The smallest doll is the baby, made from (5)\_\_\_\_\_\_ single piece of wood.

#### Question 13 :

Select the most appropriate option to fill in blank number (5).

#### **Difficulty : Moderate**

#### **Options :**

- 1. each
- 2. an
- 3. the
- 4. a

#### Solution :

The correct answer is option 4 i.e. a.

• As "wood" starts with a consonant sound "A" will be the correct article before it.

#### Hence, the chosen option will be correct.

#### Question 14 :

Fill in the blank with the most appropriate word. The speaker \_\_\_\_\_\_ the audience with his fine speech.

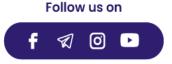
Difficulty : Moderate

Average Time : 41 Seconds

#### **Options :**

1. suppressed

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#### impressed

- 3. depressed
- 4. expressed

#### Solution :

The correct answer is option 2 i.e. impressed.

#### Let's have a look at the meaning of the given options:-

- 1. **suppressed** to stop something by using force.
- 2. impressed- to make somebody feel admiration and respect.
- 3. **depressed** very unhappy, often for a long period of time.
- 4. expressed- to show something such as a feeling or an opinion by words or actions.

The chosen option has a positive tone that suits the given blank.

#### Hence, the chosen option will be correct.

#### Question 15 :

Select the word which means the same as the group of words given. To rise in value

**Difficulty : Moderate** 

Average Time : 59 Seconds

#### **Options** :

- 1. Enlarge
- 2. Extend
- 3. Appreciate
- 4. Depreciate

#### Solution :

The correct answer is option 3 i.e. Appreciate.

#### Let's have a look at the meaning of the given options:-

- 1. Enlarge- to make something or to become bigger.
- 2. Extend- to make something longer or larger (in space or time).
- 3. Appreciate- to enjoy something or to understand the value of somebody/something.
- 4. Depreciate- to become less valuable over a period of time.

#### As the chosen option expresses the meaning of the given group of words it will be the correct answer.



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#### Question 16 :

Select the SYNONYM of the given word. ASSAULT

Difficulty : Moderate

#### **Options :**

- 1. Attack
- 2. Alibi
- 3. Anger
- 4. Anxiety

#### Solution :

The correct answer is option 1 i.e. Attack.

#### Let's have a look at the meaning of the given options:-

- 1. Assault- a threat or attempt to inflict offensive physical contact or bodily harm on a person.
- 2. Attack- trying to hurt or defeat somebody/something by using force.

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- 3. Alibi- a statement by somebody that says you were in a different place at the time of a crime and so cannot be guilty of the crime.
- 4. **Anger** the strong feeling that you have when something has happened or somebody has done something that you do not like.
- 5. Anxiety- a feeling of worry or fear, especially about the future.

#### As the chosen option expresses the best meaning of the given word it will be the correct answer.

#### Question 17 :

Select the INCORRECTLY spelt word.

#### **Difficulty : Moderate**

#### **Options :**

- 1. Colleague
- 2. Committee
- 3. Corresspond
- 4. Commission

#### Solution :

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The correct answer is option 3 i.e. Corresspond.

#### Let's have a look at the meaning of the given options:-

- 1. Colleague- a person who works at the same place as you.
- 2. Committee-- a group of people who have been chosen to discuss something or decide something.
- 3. **Correspond-** to be the same as or equal to something; to match.

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4. Commission- an official group of people who are asked to find out about something.

#### As the chosen option is incorrectly spelt it will be the correct answer.

#### Question 18 :

Select the SYNONYM of the given word. THRIVE

Difficulty : Moderate

#### **Options :**

- 1. Flourish
- 2. Shrink
- 3. Crave
- 4. Languish

#### Solution :

The correct answer is option 1 i.e. Flourish.

#### Let's have a look at the meaning of the given options:-

- 1. Thrive- to grow or develop well.
- 2. Flourish- to be strong and healthy; to develop in a successful way.
- 3. Shrink- to become smaller or make something smaller.
- 4. Crave- to want and need to have something very much.
- 5. Languish- to be forced to stay somewhere or suffer something unpleasant for a long time.

#### As the chosen option expresses the best meaning of the given word it will be the correct answer.

#### Question 19 :

Select the word which means the same as the group of words given. To brighten up with lights

**Difficulty : Moderate** 

Average Time : 63 Seconds

**Options**:

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#### Infuriate

- 2. Elucidate
- 3. Illustrate
- 4. Illuminate

#### Solution :

The correct answer is option 4 i.e. Illuminate.

#### Let's have a look at the meaning of the given options:-

- 1. Infuriate- to make somebody very angry.
- 2. Elucidate- to make something clearer by explaining it.
- 3. Illustrate- to explain or make something clear by using examples, pictures or diagrams.
- 4. Illuminate- to shine a light on something or to decorate something with lights.

#### As the chosen option expresses the meaning of the given group of words it will be the correct answer.

#### Question 20 :

Select the correct indirect form of the given sentence. The Principal has said, "Mr. Surinder will coach the football team."

#### **Difficulty : Moderate**

Average Time : 60 Seconds

#### **Options** :

- 1. The Principal has said that Mr. Surinder would coach the football team.
- 2. The Principal said that Mr. Surinder would coach the football team.
- 3. The Principal has asked that will Mr. Surinder coach the football team.
- 4. The Principal has said that Mr. Surinder will coach the football team.

#### Solution :

The correct answer is option 4 i.e. The Principal has said that Mr. Surinder will coach the football team.

- As the reported speech is in "Assertive sentence" we need to make changes according to this.
- There will be no change in the reporting verb as there is no object after it.
- The inverted comma will be changed into "THAT".
- There will be no changes in the tense of the reported speech as the reporting verb is in the present tense.

#### As all the rules are followed by the chosen option it will be correct.



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#### Question 21 :

Select the most appropriate meaning of the given idiom. At large

**Difficulty : Moderate** 

**Options**:

- 1. very famous
- 2. behind bars
- 3. not caught
- 4. very dangerous

#### Solution :

The correct answer is option 3 i.e. not caught.

The meaning of the given idiom-

At large- (used about a criminal, animal, etc.) not caught; free.

#### As the meaning of the given idiom is the same as the chosen option it will be correct.

#### **Question 22:**

In the sentence identify the segment which contains the grammatical error. Plenty of information were given to me at the tourist office.

**Difficulty : Moderate** 

#### **Options**:

- 1. Plenty of information
- 2. at the
- 3. tourist office
- 4. were given to me

#### Solution :

The correct answer is option 4 i.e. were given to me.

- 1. The error lies in part 4 of the statement because of the wrong use of "Subject-verb agreement".
- 2. We need to replace "WERE" with "WAS" for making the statement grammatically correct.

#### Grammatical Concept:-



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**Subjects** and **verbs** must <u>AGREE</u> with one another in number (<u>singular or plural</u>). Thus, if a subject is singular, its verb must also be singular; if a subject is plural, its verb must also be plural.

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- In the given statement subject is "Information" which is singular hence, we need to use a singular verb here.
- The chosen option contains the **<u>ERROR</u>** hence, it will be the correct answer.

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#### The correct sentence will be-

Plenty of information was given to me at the tourist office.

#### Question 23 :

In the sentence identify the segment which contains the grammatical error. As a little child she was afraid from darkness.

**Difficulty : Moderate** 

#### **Options** :

- 1. As a little
- 2. child she
- 3. was afraid
- 4. from darkness

#### Solution :

The correct answer is option 4 i.e. from darkness.

- 1. The error lies in part 4 of the statement because of the wrong use of "Preposition".
- 2. We need to replace "From" with "Of" for making the statement grammatically correct.

#### Grammatical Concept:-

- "Afraid" is followed by the preposition 'OF".
- Afraid of- having or showing fear; frightened.
- The chosen option contains the **ERROR** hence, it will be the correct answer.

#### The correct sentence will be-

As a little child she was afraid of darkness.

#### Question 24 :

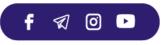
Fill in the blank with the most appropriate word. Beautiful red roses \_\_\_\_\_\_ the bride's hair.

#### **Difficulty : Moderate**

Options :

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#### adorned

- 2. allured
- 3. attracted
- 4. adjourned

#### Solution :

The correct answer is option 1 i.e. adorned.

#### Let's have a look at the meaning of the given options:-

- 1. adorned- to add something in order to make a thing or person more attractive or beautiful.
- 2. allured- powerfully attract or charm; tempt.
- 3. attracted- to cause somebody/something to go to something or give attention to something.
- 4. adjourned- to stop a meeting, a trial, etc. for a short time and start it again later.

The statement and chosen option both talk about "Beauty" hence, it will suit the given blank.

#### Hence, the chosen option will be correct.

#### Question 25 :

Given below are four jumbled sentences. Select the option that gives their correct order. A. While the long thin ones are most common, there are many other varieties. B. Noodles are the staple food in many cultures across the world. C. They are then served with a sauce or in soup. D. However, all varieties are usually cooked in boiling water.

Difficulty : Moderate

Average Time : 76 Seconds

#### **Options** :

- 1. BCAD
- 2. BDAC
- 3. BCDA
- 4. BADC

#### Solution :

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

- Statement B is independent and introduces the theme of the paragraph "Noodles" hence, it will be the opening statement.
- Statement C starts with the pronoun 'They" which is being used for "Varieties" hence, C will come after D.
- Statement A can not be the last statement hence, it will come before DC.

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Now we have the final arrangement i.e. **BADC**.

The chosen option is the same as the final arrangement hence, it will be correct.

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#### Some common rules that help while solving the Para Jumbles:-

- 1. Read the paragraph carefully and try to comprehend the idea or theme of the paragraph and eliminate the irrelevant options.
- 2. Try to identify the opening (Independent statement) and closing statement (Concluding statement).
- 3. Try to **identify** the **mandatory pairs**. Two sentences can be connected through various connectors.

#### Question 26 :

Given below are four jumbled sentences. Select the option that gives their correct order. A. I found he was an old sailor and knew all the seafaring men in Bristol. B. So, I engaged him on the spot to be the ship's cook but he proved to be much more. C. He had lost his health ashore and wanted a berth as cook to get to the sea again. D. I was standing on the dock when by accident I fell in talk with a stranger.

**Difficulty : Moderate** 

#### **Options**:

- 1. BACD
- 2. DBAC
- 3. DACB
- 4. CBAD

#### Solution :

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

- Statement D is independent and introduces the theme of the paragraph "Talk with a stranger" hence, it will be the opening statement.
- Statement A gives information about "stranger" as a sailer hence, A will come after D.
- Statement B starts with "SO" which shows the conclusion hence, B will come at the end of the statement.
- Finally, C will come before B.
- Now we have the final arrangement i.e. **DACB**.

The chosen option is the same as the final arrangement hence, it will be correct.

#### Some common rules that help while solving the Para Jumbles:-

1. Read the paragraph carefully and try to comprehend the idea or theme of the paragraph and eliminate the irrelevant options.



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Try to identify the opening (Independent statement) and closing statement (Concluding statement).

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3. Try to identify the mandatory pairs. Two sentences can be connected through various connectors.

#### Question 27 :

Which two signs should be interchanged to make the given equation correct?  $121 \div 11 + 54 - 9 \times 3 = 128$ 

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#### Difficulty : Moderate

#### Average Time : 89 Seconds

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## Options :

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

#### Solution :

The correct answer is option 4 i.e ÷ and -

#### Understanding

Given equation:  $121 \div 11 + 54 - 9 \times 3 = 128$ 

Check the options

```
Option 1: + and ×
```

After interchanging the equation becomes;

= 121 ÷ 11 × 54 - 9 + 3

= 588 is not equal to 128.

Hence, option 1 is not the correct answer.

#### Option 2: + and -

After interchanging the equation becomes;

= 121 ÷ 11 - 54 + 9 × 3

= -16 is not equal to 128.

Hence, option 2 is not the correct answer.



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#### Understanding

Option 3: x and ÷

After interchanging the equation becomes;

 $= 121 \times 11 + 54 - 9 \div 3$ 

= 1382 is not equal to 128.

Hence, option 3 is not the correct answer.

Option 4: ÷ and -

After interchanging the equation becomes;

 $= 121 - 11 + 54 \div 9 \times 3 = 128$ 

= 128 = 128.

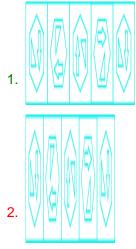
Hence, option 4 is the correct answer.

#### **Question 28:**

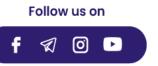
Select the option in which the given figure is NOT embedded (rotation is not allowed).

**Difficulty : Moderate** 

#### **Options:**



3.



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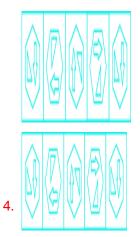






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Solution : The correct answer is option 1

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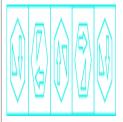
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The given figure is embedded in option 2, as shown below:

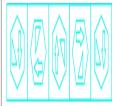


The given figure is embedded in option 3, as shown below:



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





The given figure is not embedded in option 1.

#### Question 29:

Arrange the following words in a logical and meaningful order. 1. Acre 2. Square Yard 3. Square inch 4. Hectare 5. Square feet

**Difficulty : Moderate** 

**Options**:

- 1. 3-5-1-2-4
- 2. 3-5-2-1-4

Average Time: 88 Seconds

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#### 3-5-1-4-2

4. 3-5-2-4-1

#### Solution :

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

#### Understanding

In this question, you need to arrange the words in a logical and meaningful order.

So the arrangement is;

- 1. Square inch
- 2. Square feet
- 3. Square Yard
- 4. Acre
- 5. Hectare

#### Question 30:

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

**Difficulty : Moderate** 

#### **Options**:

- 1. Spinach
- 2. Radish
- 3. Potato
- 4. Carrot

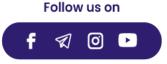
#### Solution :

The correct answer is option 1 i.e Spinach.

Understanding

**Average Time : 57 Seconds** 

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Radish, Potato and Carrot are tuberous roots

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but spinach is a green leafy vegetable.

Hence, SPINACH is the odd one out.

#### Question 31 :

In the given Venn diagram, the 'rectangle' represents 'ladies of a club', the 'triangle' represents 'like to dance', the 'circle' represent 'like to sing' and the 'pentagon' represents ' like to mimic'. The numbers given in the diagram represent the number of persons in that particular category. How many ladies of the club NEITHER like to dance NOR like to mimic?

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**Difficulty : Moderate** 

#### **Options** :

- 1. 23
- 2. 64
- 3. 72
- 4. 26

#### Solution :

The correct answer is option 2 i.e 64.

#### Understanding

The number of students who neither like to dance nor like to mimic = Number of ladies of the club who wants to sing + Number of ladies of the club who don't want to sing, dance and mimic = 23 + 41 = 64

Hence, option 2 is the correct answer.

#### Question 32 :

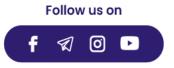
Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements. Statements: 1. All laptops are computers. 2. Some tablets are laptops. Conclusions: I. All tablets are computers. II. Some tablets are computers are laptops.

**Difficulty : Moderate** 

Average Time : 65 Seconds

Options :

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Average Time : 62 Seconds

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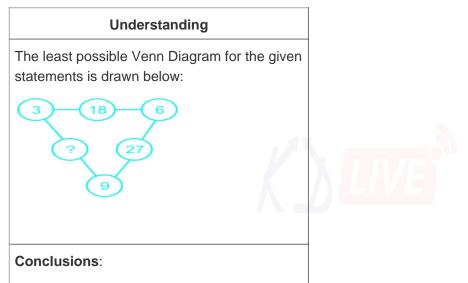
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All conclusions I, II and III follow.

- 2. Only conclusion II follows.
- 3. Only conclusions II and III follow.
- 4. Only conclusion III follows.

#### Solution :

The correct answer is option 3 i.e Only conclusions II and III follow.



I. All tablets are computers **False** (This is possible but not definite).

II. Some tablets are computers **True** (Some tablets are laptop and all laptop are computer).

III. Some computers are laptops **True** (All laptop are part of computer).

Hence, Only conclusions II and III follow.

#### Question 33 :

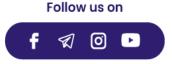
Select the option that is related to the third number in the same way as the second number is related to the first number. 3: 20:: 7:?

**Difficulty : Moderate** 

Average Time : 77 Seconds

Options :

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- 100
- 2. 105
- 3.96
- 4.98

#### Solution :

The correct answer is **option 1** i.e **100**.

Understanding	Application
The legic used	Similarly,
The logic used here is:	7:?
3: 20	$7^2 \times 2 + 2 = 100$
$3^2 \times 2 + 2 = 20$	Hence, option 1 is the correct answer.

#### **Question 34 :**

Select the letter that can replace the question mark (?) in the following series. A, D, ?, P, Y

#### **Difficulty : Moderate**

#### **Options** :

- 1. J
- 2. 1
- 3. H
- 4. G

#### Solution :

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

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Average Time : 51 Seconds



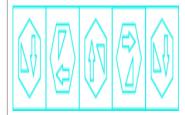


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Given series: A, D, ?, P, Y

The logic used here is:



Hence, option 2 is the correct answer.

#### Question 35 :

How many triangles are there in the given figure?

**Difficulty : Moderate** 

#### **Options** :

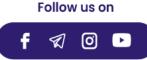
- 1.31
- 2. 21
- 3. 29
- 4. 19

#### Solution :

The correct answer is option 3 i.e 29.

Understanding

Average Time : 50 Seconds



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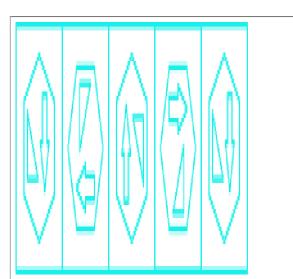






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29 triangles: ABC, ACD, ABD, BEF, DHI, AEG, AGI, AEI, POR, PQR, JLR, MQN, JOK, LRN, OQR, RJN, EFS, GHT, SKL, TMN, EJL, GIN, ROS, EJR, AIN, TQN, BES, SOP, CDT.

#### **Question 36 :**

Select the option in which the words share the same relationship as that shared by the given pair of words. Horses : Neigh

#### **Difficulty : Moderate**

#### **Options** :

- 1. Bears : Roar
- 2. Elephants : Whine
- 3. Camels : Grunt
- 4. Donkeys : Chortle

#### Solution :

The correct answer is option 3 i.e Camels: Grunt.

Understanding

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Average Time : 54 Seconds





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	Similarly,
Neigh is the sound made by the horse.	Grunt is the sound made by camels.
	Hence, option 3 is the correct answer.

#### Question 37:

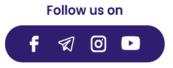
Select the number that can replace the question mark (?) in the following series. 1, 5, 9, ?, 21

Difficulty : Moderate	Average Time : 51	1 5
Options : 1. 19		
2. 11		
3. 15		
4. 20		
Solution :		
The correct answer is <b>option 3</b> i.e <b>15.</b>		
Understanding		

g
Given series: 1, 5, 9, ?, 21
The logic used here is:
The number represents the positional value of the vowels.
A = 1
E = 5
I = 9
O = 15
U = 21
Hence, option 3 is the correct answer.

#### Question 38:

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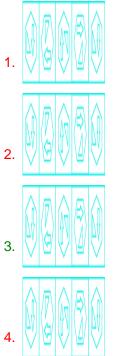
Average Time : 54 Seconds

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Select the option that depicts how the given transparent sheet of paper would appear if it is folded at the dotted line.

#### **Difficulty : Moderate**

**Options** :





Solution : The correct answer is option 3

Understanding



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When the transparent sheet is folded,

The top line in the right part which is at the top right corner will be the top left corner to the same position.

The bottom line in the right part which is at the bottom right corner will be the bottom left corner to the same position.

The middle line in the right part which is at the top right corner will be the top left corner to the same position.

The sheet appears as;



Hence, option 3 is the correct answer.

#### Question 39:

A + B means 'B is the daughter of A'; A – B means 'B is the sister of A'; A × B means 'B is the husband of A'; A ÷ B means 'A is the father of B'; IF,  $P \div R \div T + Q - S \times U + Z$ , then how is R related to Z?

**Difficulty : Moderate** 

#### **Options**:

- 1. Paternal grandmother
- 2. Maternal grandmother
- 3. Paternal grandfather
- 4. Maternal grandfather

#### Solution :

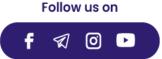
The correct answer is option 4 i.e Maternal grandfather

Understanding

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**Average Time : 104 Seconds** 



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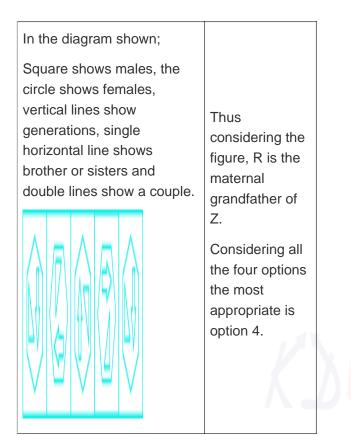






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#### **Question 40 :**

Study the given pattern carefully and select the number that can replace the question mark (?) in it. 7 3 11 4 9 23 11 7 ?

**Difficulty : Moderate** 

#### **Options**:

- 1.77
- 2.59
- 3.71
- 4. 63

#### Solution :

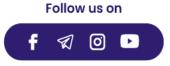
The correct answer is option 2 i.e. 59

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The logic used here is:	Similarly,
Row 1: (7 × 3) - (7 + 3) = 11	Row 3: (11 × 7) - (11 + 7) = 59
Row 2: (4 × 9) - (4 + 9) = 23	Hence, option 2 is the correct answer.

#### Question 41:

Hemant buys a dozen eggs for Rs.5.50 per egg. While carrying them, two eggs get wasted when they fall down and get damaged. He sells the remaining eggs at Rs. 7.70 per egg. Find the net profit earned by him in the overall deal.

#### **Difficulty : Moderate**

#### **Options**:

- 1. Rs.11.00
- 2. Rs.10.70
- 3. Rs.15.00
- 4. Rs.15.40

#### Solution :

The correct answer is **option 1** i.e **Rs.11.00**.

### Understanding Cost of 1 egg = Rs. 5.50

Cost of 1 dozen eggs =  $12 \times 5.50 = 66$ 

Number of eggs he sells = 12 - 2 = 10

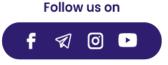
Cost of 10 eggs =  $7.70 \times 10 = 77$ 

Profit = 77 - 66 = 11

Hence, option 1 is the correct answer.

Question 42:

Average Time : 61 Seconds



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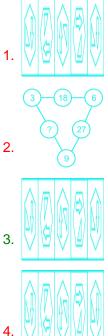
Select the correct mirror image of the given figure when a mirror is placed on the right of the figure.

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#### **Difficulty : Moderate**

Options :





Solution : The correct answer is option 3

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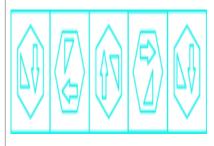






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The mirror image of the question figure is shown below:



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

#### **Question 43:**

In a certain code language, 'FIGURE' is written as 'DJEVPF'. How will 'DECODE' be written as in that language?

**Difficulty : Moderate** 

#### **Options** :

- 1. BFAPBF
- 2. BFDNBF
- 3. BDANBD
- 4. BDDNBD

#### Solution :

The correct answer is option 1 i.e. BFAPBF

Understanding	Application
Understanding	Application



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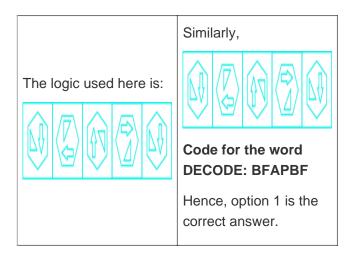


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#### **Question 44 :**

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

Average Time : 65 Seconds

**Difficulty : Moderate** 

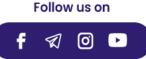
#### **Options** :

- 1. 28-164
- 2. 12-72
- 3. 17-102
- 4. 19-114

#### Solution :

The correct answer is option 1 i.e 28-164

Understanding



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The logic used here is:

Option 1: 28 × 6 = 168 (not 164)

Option 2: 12 × 6 = 72

Option 3: 17 × 6 = 102

Option 4: 19 × 6 = 114

Option 1 is the odd one out.

#### Question 45 :

Three different positions of the same dice are shown. Select the symbol that will be on the face opposite to the one showing '%'.

#### **Difficulty : Moderate**

#### **Options**:

- 1. @
- 2. =
- 3. +
- 4. \*

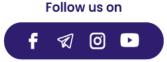
#### Solution :

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

Understanding	Application
3 (27)	We can see
	that the
(9)	side
1st position: + and # are adjacent to %	opposite %
	is =
3rd position: + and # are adjacent to =	

#### **Question 46 :**

"Bangladesh" is related to 'Dhaka' in the same way as "Pakistan" is related to '\_\_\_\_\_'.



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**Difficulty : Moderate** 

Average Time : 52 Seconds

#### **Options** :

- 1. Multan
- 2. Lahore
- 3. Karachi
- 4. Islamabad

#### Solution :

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

Understanding	Application
	Similarly,
Dhaka is the capital of Bangladesh.	Islamabad is the capital of Pakistan.
	Hence, option 4 is the correct answer.

#### Question 47 :

Four letter-cluster have been given, out of which three are alike in some manner and one is different. Select the odd lettercluster.

**Difficulty : Moderate** 

#### **Options** :

- 1. NOQTX
- 2. BCEHL
- 3. GHJMP
- 4. ABDGK

Solution : The correct answer is option 3 i.e GHJMP

Understanding

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Average Time : 51 Seconds



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Similarly,The logic used here is: $GHJMP$ does not follow the pattern.NOQTX $G+1 = H$ $N+1 = O$ $H+2 = J$ $O+2 = Q$ $J+3 = M$ $Q+3 = T$ $M+3 = P$ $T+4 = X$ Hence, option 3 is the correct answer.		
here is:the pattern.NOQTX $G + 1 = H$ $N + 1 = O$ $H + 2 = J$ $O + 2 = Q$ $J + 3 = M$ $Q + 3 = T$ $M + 3 = P$ $T + 4 = X$ Hence, option 3 is the		Similarly,
N + 1 = O $H + 2 = J$ $O + 2 = Q$ $J + 3 = M$ $Q + 3 = T$ $M + 3 = P$ $T + 4 = X$ Hence, option 3 is the	U U	
M + 2 = J $O + 2 = Q$ $Q + 3 = T$ $T + 4 = X$ Hence, option 3 is the	NOQTX	G + 1 = H
Q + 3 = T $M + 3 = P$ $T + 4 = X$ Hence, option 3 is the	N + 1 = O	H + 2 = J
T + 4 = X Hence, option 3 is the	O + 2 = Q	J + 3 = M
Hence, option 3 is the	Q + 3 = T	M + 3 = P
	T + 4 = X	· · ·

#### **Question 48 :**

Select the letter-cluster that can replace the question mark (?) in the following series. ABDE, FGIJ, ?, PQST, UVXY

**Difficulty : Moderate** 

#### **Options**:

- 1. KLNP
- 2. KLMO
- 3. KLNO
- 4. KLMN

#### Solution :

The correct answer is option 3 i.e KLNO.

#### Understanding

Given series: ABDE, FGIJ, ?, PQST, UVXY

The logic used here is:

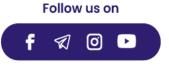
Fist two letters and the last two letters have a difference of 1 in each letter cluster.

So the next term in the series is KLNO.

Hence, option 3 is the correct answer.

Question 49:

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Average Time : 62 Seconds



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

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Difficulty : Moderate

Average Time : 55 Seconds

#### **Options** :

- 1. 18
- 2. 29
- 3. 54
- 4. 38

#### Solution :

The correct answer is option 3 i.e 54



 $6 \times 3 = 18$  (written between 3 and 6)

 $3 \times 9 = 27$  (written on the opposite side of 3 and 9)

Thus,

 $9 \times 6 = 54$  (will be written on the opposite side of 6 and 9)

#### Question 50 :

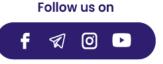
Select the figure that can replace the question mark (?) in the following series.

Difficulty : Moderate

Average Time : 44 Seconds

**Options :** 

1.



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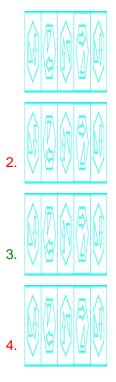






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#### Solution :

The correct answer is option 3

#### Understanding

The hexagon is rotating by 90° in clockwise direction at each step.

The sequence of figures:



#### **Question 51 :**

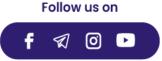
'Torr' is a unit of .

#### **Difficulty : Moderate**

#### **Options**:

1. pressure

**Average Time : 65 Seconds** 



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#### power

- 3. force
- 4. energy

#### Solution :

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

• The torr is a unit of pressure based on an absolute scale, defined as exactly (1/760) of a standard atmosphere (101325 Pa). Thus one torr is exactly (101325/760) pascals (133.32 Pa).

#### Question 52 :

Who appoints the Advocate General of states?

#### **Difficulty : Moderate**

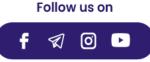
#### **Options**:

- 1. President of India
- 2. Chief Justice of the high court
- 3. Chief Minister of the state
- 4. Governor of the state

#### Solution :

The correct answer is option 4 i.e. Governor of the state.

Average Time : 43 Seconds



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- In India, an advocate general is a legal advisor to a state government.
- The post is created by the Constitution of India and corresponds to that of Attorney General for India at the union government level.
- The Governor of each state shall appoint a person who is qualified to be appointed as judge of High Court as the Advocate General.

#### Question 53 :

As of January 2020, the Make in India program was implemented by the \_

#### **Difficulty : Moderate**

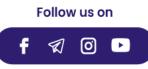
#### **Options**:

- 1. Ministry of Science and Technology
- 2. Ministry of Commerce and Industry
- 3. Ministry of Heavy Industries and Public Enterprises
- 4. Ministry of Shipping

#### Solution :

The correct answer is option 2 i.e Ministry of Commerce and Industry.

Average Time : 57 Seconds



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- Make in India is an initiative by the Government of India to encourage companies to manufacture in India and incentivize dedicated investments into manufacturing.
- The policy approach was to create a conducive environment for investments, develop a modern and efficient infrastructure, and open up new sectors for foreign capital.
- As of January 2020, the Make in India program was implemented by the Ministry of Commerce and Industry.

#### **Question 54 :**

On which date is National Sports Day observed in India?

#### **Difficulty : Moderate**

#### **Options**:

- 1. 17th September
- 2. 5th July
- 3. 29th August
- 4. 4th May

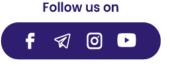
#### Solution :

The correct answer is option 3 i.e 29th August.

- National Sports Day is a public holiday celebrated in various countries to honour the national sports teams and sports traditions of those countries.
- The National Sports Day in India is celebrated on 29 August, on the birth anniversary of hockey player Major Dhyan Chand.

#### **Question 55 :**

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#### What is the bond angle (in degrees) in the structure of a benzene molecule?

#### **Difficulty : Moderate**

#### **Options :**

- 1. 90
- 2. 120
- 3. 150
- 4. 60

#### Solution :

#### The correct answer is option 2 i.e. 120

- The benzene molecule is composed of six carbon atoms joined in a ring with one hydrogen atom attached to each.
- It has the shape of a regular hexagon with bond angles of 120 degrees in the structure.

#### Question 56 :

The Mission of the Ramsar Convention is to conserve \_

#### **Difficulty : Moderate**

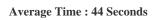
#### **Options :**

- 1. wetlands
- 2. oceans
- 3. deserts
- 4. rivers

#### Solution :

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

Average Time : 50 Seconds



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 The Convention's mission is "the conservation and wise use of all wetlands through local and national actions and international cooperation, as a contribution towards achieving sustainable development throughout the world".

#### Question 57:

In which state The Jaugada Rock Edict of Asoka is located?

#### **Difficulty : Moderate**

#### **Options**:

- 1. Gujarat
- 2. Andhra Pradesh
- 3. Odisha
- 4. Uttarakhand

#### Solution :

The correct answer is option 3 i.e Odisha.

- · Jaugada is an ancient fort that served as a Mauryan fortified capital of the Kalinga province.
- Jaugada is located near the cities of Berhampur and Purushottampur in the Ganjam district of Odisha, India.

#### **Question 58:**

In 2018, who among the following came to the limelight by building a people's road through crowdfunding that helped in connecting remote villages of Manipur?

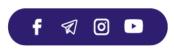
**Difficulty : Moderate** 

#### **Options** :

1. Irom Sharmila

Average Time : 49 Seconds

Average Time : 45 Seconds



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#### **Armstrong Pame**

- 3. Dingo Singh
- 4. Mary Kom

#### Solution :

The correct answer is **option 2** i.e **Armstrong Pame**.

- Armstrong Pame: He is an IAS officer in Manipur.
- He came to the limelight by building a people's road through crowdfunding that helped in connecting remote villages of Manipur.

#### **Question 59:**

Which among the following heritage buildings does NOT figure among those which were dedicated to the nation by PM Narendra Modi during his two-day visit to West Bengal in January 2020?

**Difficulty : Moderate** 

**Options**:

Average Time : 51 Seconds

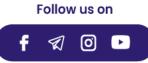
1. Belur Math Temple

2. Victoria Memorial Hall

- 3. Old Currency Building
- 4. Metcalfe House

#### Solution :

The correct answer is option 1 i.e Belur Math Temple.



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- On the 11th of January 2020, the Prime Minister dedicated Four Refurbished Heritage Buildings in Kolkata to the Nation.
- These are the Old Currency Building, the Belvedere House, the Metcalfe House and the Victoria Memorial Hall.
- The headquarters of Ramakrishna Math and Ramakrishna Mission are situated in an area named Belur in the district of Howrah, West Bengal, India and the entire campus of the headquarters is popularly known as 'Belur Math'.

#### **Question 60 :**

What does 'A' stand for in 'UDAN', the initiative of the Civil Aviation Ministry?

**Difficulty : Moderate** 

#### **Options**:

- 1. Air
- 2. Aam
- 3. Aviation
- 4. Aastha

#### Solution :

The correct answer is option 2 i.e Aam.

Average Time : 59 Seconds



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• UDAN-RCS, UDAN (Ude Desh ka Aam Naagrik) is a regional airport development and "Regional Connectivity Scheme" (RCS) of the Government of India, with the objective of "letting the common citizen of the country fly", aimed at making air travel affordable and widespread, to boost inclusive national economic development, job growth and air transport infrastructure development of all regions and states of India.

#### Question 61:

Which team won the Federation Cup Football Tournament the most number of times?

#### **Difficulty : Moderate**

#### **Options**:

- 1. Mohun Bagan AC
- 2. East Bengal FC
- 3. Salgaocar SC
- 4. Bengaluru FC

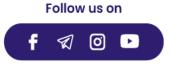
#### Solution :

The correct answer is option 1 i.e. Mohun Bagan AC.

- · The Federation Cup, also known as Hero Federation Cup for sponsorship reasons, was an annual single roundrobin and knockout-style club football tournament in India that started in 1977.
- Mohun Bagan AC won the Federation Cup Football Tournament the most number of times. (14 Titles)

#### **Question 62:**

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Which of the following is the outermost solid part of the Earth?

**Difficulty : Moderate** 

#### **Options**:

- 1. Caldera
- 2. Crust
- 3. Core
- 4. Mantle

#### Solution :

#### The correct answer is option 2 i.e Crust.

- Earth's outermost, rigid, rocky layer is called the crust.
- It is composed of low-density, easily melted rocks; the continental crust is predominantly granitic rock (see granite), while the composition of the oceanic crust corresponds mainly to that of basalt and gabbro.

#### **Question 63:**

How many carbon and hydrogen atoms are there in Propane, respectively?

#### **Difficulty : Moderate**

#### **Options** :

- 1. 2, 6
- 2.3,8
- 3. 2, 4
- 4. 4, 7

#### Solution :

The correct answer is option 2 i.e. 3, 8.

Average Time : 51 Seconds



Average Time : 48 Seconds



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 The propane molecule has three carbon atoms and eight hydrogen atoms (C<sub>3</sub>H<sub>8</sub>), from which a general chemical formula can be derived; C<sub>n</sub>H 2n+2.

#### **Question 64 :**

According to the Jain philosophy, the term 'Jina' means \_\_\_\_\_

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**Difficulty : Moderate** 

#### **Options** :

- 1. free from fetters
- 2. lord
- 3. worthy
- 4. the conqueror

#### Solution :

The correct answer is option 4 i.e the conqueror.

- The term "Jain" is derived from the Sanskrit word "Jina" means conqueror of senses.
- It shows the victory of a person from the cycle of birth and death.

#### Question 65 :

As of January 2020, who among the following is the Lt. Governor of Jammu and Kashmir?

#### **Difficulty : Moderate**

#### **Options :**

- 1. Lalji Tandon
- 2. Jagdish Mukhi
- 3. Girish Chandra Murmu
- 4. Satyapal Malik

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#### Solution :

The correct answer is option 3 i.e Girish Chandra Murmu.

- The Lieutenant Governor of Jammu and Kashmir is the head of state of the Union territory of Jammu and Kashmir.
- The office of lieutenant governor was established after an Act was passed in August 2019 in the Parliament of India, reorganising the state of Jammu and Kashmir into two union territories; Jammu and Kashmir and Ladakh on 31 October 2019.
- As of January 2020, Girish Chandra Murmu is the Lt. Governor of Jammu and Kashmir

#### Question 66 :

Who among the following scholars is associated with the Tibet-home theory of the Aryans?

#### **Difficulty : Moderate**

#### **Options :**

- 1. Dayanand Saraswati
- 2. Max Muller
- 3. MacDonell
- 4. Bal Gangadhar Tilak

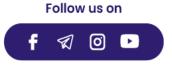
#### Solution :

The correct answer is option 1 i.e Dayanand Saraswati.

• Swami Dayanand Saraswati in Satyarth Prakash gave the Tibet home theory that Tibet was the original home of the Aryans.

#### Question 67 :

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The 'Great Indian Novel' is authored by:

Difficulty : Moderate

#### **Options** :

- 1. Vikram Seth
- 2. Chitra Banerjee
- 3. Shashi Tharoor
- 4. Arvind Adiga

#### Solution :

The correct answer is option 3 i.e Shashi Tharoor.

- The Great Indian Novel is a satirical novel by Shashi Tharoor, first published by Viking Press in 1989.
- It is a fictional work that takes the story of the Mahabharata, the Indian epic, and recasts and resets it in the context of the Indian Independence Movement and the first three decades postindependence.

#### Question 68 :

Which of the following animals does NOT find a place in the National Emblem of India?

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Difficulty : Moderate

#### **Options** :

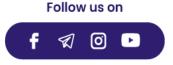
- 1. Horse
- 2. Bull
- 3. Camel
- 4. Lion

Solution :

The correct answer is option 3 i.e Camel.

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- The National Emblem of a nation is a seal that is earmarked for official purposes and orders the highest admiration and loyalty.
- For a nation, it is a symbol of power and signifies the foundation of its constitutional values. The Indian National Emblem was accepted on 26 January 1950 by Madhav Sawhney.
- The Ashoka pillar, erected by Emperor Ashoka, has four lions seated back to back which imply power, courage, confidence and pride.
- · Other animals demonstrated on the pillar are horse, bull, elephant, and lion.

#### **Question 69 :**

Which of the following states does NOT share its boundary with Madhya Pradesh?

**Difficulty : Moderate** 

#### **Options**:

- 1. Uttar Pradesh
- 2. Odisha
- 3. Gujarat
- 4. Rajasthan

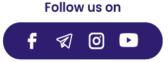
#### Solution :

The correct answer is option 2 i.e. Odisha.

- Madhya Pradesh is a state in central India. Its capital is Bhopal.
- It borders the states of Uttar Pradesh in the northeast, Chhattisgarh in the southeast, Maharashtra in the south, Gujarat in the west, and Rajasthan in the northwest.
- CM of Madhya Pradesh is Shivraj Singh Chouhan.

#### Question 70:

In the context of UN Sustainable Development Goals, which of the following pairs is INCORRECT?



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Difficulty : Moderate

Average Time : 48 Seconds

#### **Options :**

- 1. Zero Hunger SDG 2
- 2. Quality Education SDG 3
- 3. Decent Work and Economic Growth SDG 8
- 4. No Poverty SDG 1

#### Solution :

The correct answer is option 2 i.e Quality Education – SDG 3.

- The Sustainable Development Goals (SDGs), also known as the Global Goals, were adopted by all United Nations Member States in 2015 as a universal call to action to end poverty, protect the planet and ensure that all people enjoy peace and prosperity by 2030.
- Quality Education is an SDG 4 goal.

#### Question 71 :

The Swaraj Party was founded by:

#### **Difficulty : Moderate**

#### **Options** :

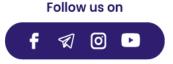
- 1. Sukhdev and Rajguru
- 2. Aruna Asaf Ali and Subhash Chandra Bose
- 3. Bhimrao Ambedkar and Sardar Vallabhbhai Patel
- 4. Motilal Nehru and Chittaranjan Das

#### Solution :

The correct answer is option 4 i.e Motilal Nehru and Chittaranjan Das.

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- The Swaraj Party was established as the Congress-Khilafat Swaraj Party.
- It was a political party formed in India on 1 January 1923 after the Gaya annual conference in December 1922 of the National Congress, that sought greater self-government and political freedom for the Indian people from the British Raj.
- · The two most important leaders were Chittaranjan Das, who was its president and Motilal Nehru, who was its secretary.

#### Question 72 :

Name the densest stable element known on earth.

**Difficulty : Moderate** 

#### **Options**:

- 1. Tungsten
- 2. Rhodium
- 3. Osmium
- 4. Aluminium

#### Solution :

The correct answer is option 3 i.e. Osmium.

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- · Osmium is a chemical element with the symbol Os and atomic number 76.
- It is a hard, brittle, bluish-white transition metal in the platinum group that is found as a trace element in alloys, mostly in platinum ores.
- It is the densest naturally occurring element, with an experimentally measured (using x-ray crystallography) density of 22.597 g/cm<sup>3</sup>.

#### Question 73:

Which company recently became the 1st Indian company to hit the â,110 Lakh Crore market valuations?

#### **Difficulty : Moderate**

#### **Options**:

- 1. Jio
- 2. BSNL
- 3. Airtel
- 4. Reliance

#### Solution :

The correct answer is option 4 i.e Reliance.

 Mukesh Ambani-led Reliance Industries (RIL) became the first Indian firm to cross the market capitalisation of â,110 lakh crore as its shares touched their new 52-week high of â,11,584 before closing at â,11579.95.

#### Question 74 :

What is the velocity of sound in the air?

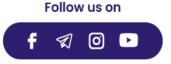
**Difficulty : Moderate** 

**Options**:

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- 343 m/sec
- 2. 220 m/sec
- 3. 232 m/sec
- 4. 110 m/sec

#### Solution :

The correct answer is option 1 i.e 343 m/sec.

- The speed of sound is the distance travelled per unit of time by a sound wave as it propagates through an elastic medium.
- At 20 °C (68 °F), the speed of sound in the air is about 343 metres per second or a kilometre in 2.9 s or a mile in 4.7 s.
- It depends strongly on temperature as well as the medium through which a sound wave is propagating.

#### **Question 75:**

With reference to dances and their native states, which of the following pairs is correct?

#### **Difficulty : Moderate**

#### **Options**:

- 1. Gomira Uttar Pradesh
- 2. Sattariya Manipur
- 3. Yakshagana Karnataka
- 4. Kalaripayattu Karnataka

#### Solution :

The correct answer is option 3 i.e Yakshagana – Karnataka.



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- · Yakshagana is a traditional Folk art, developed in Dakshina Kannada, Udupi, Uttara Kannada, Shimoga and western parts of Chikmagalur districts, in the state of Karnataka and in Kasaragod district in Kerala that combines dance, music, dialogue, costume, make-up, and stage techniques with a unique style and form.
- · It is believed to have evolved from preclassical music and theatre during the period of the Bhakti movement.

#### **Question 76 :**

Find the area and circumference of a circle if the radius is 14 cm. (Taken = 22/7).

#### **Difficulty : Moderate**

#### **Options**:

1. Area =  $44 \text{ cm}^2$ ; CircUmference = 308 cm

- 2. Area =  $88 \text{ cm}^2$ ; Circumference = 616 cm
- 3. Area =  $308 \text{ cm}^2$ ; Circumference = 44 cm
- 4. Area =  $616 \text{ cm}^2$ ; Circumference = 88 cm

#### Solution :

The correct answer is option 4 i.e Area = 616 cm<sup>2</sup> ; Circumference = 88 cm

The area of a circle =  $r^2$ 

 $(22/7) \times (14)^2$ 

 $616 \text{cm}^2$ 

The circumference of the circle = 2r

 $2 \times (22 / 7) \times 14$ 

88 cm

```
Question 77 :
```

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What is the area of a triangle whose sides are 3 cm, 5 cm and 4 cm?

Difficulty : Moderate

#### **Options** :

- 1.  $6 \text{ cm}^2$
- 2. (2(3)) cm<sup>2</sup>
- 3. (2(6)) cm<sup>2</sup>
- 4. 3 cm<sup>2</sup>

#### Solution :

The correct answer is **option 1** i.e **6** cm<sup>2</sup>

The sides of this triangle formed a triplet (3, 4, 5) that implies it is a right-angled triangle.

Area of right-angled triangle =  $(1 / 2) \times base \times height$ 

 $A = (1 / 2) \times 3 \times 4$ 

 $A = 6 \text{ cm}^2$ 

#### Question 78 :

The total number of students in a class is 65. If the total number of girls in the class is 35, then the ratio of the total number of boys to the total number of girls is:

Difficulty : Moderate

#### **Options** :

- 1.7:6
- 2.7:13
- 3. 13 : 7
- 4.6:7

#### Solution :

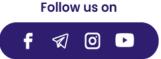
The correct answer is **option 4** i.e **6 : 7** 

The total number of students in the class = 65

The total number of girls in the class = 35

Average Time : 59 Seconds

Average Time : 53 Seconds



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The total number of boys in the class = 65 - 35

30

The required ratio = 30:35

6:7

**Question 79:** If 5Cos2 + 1 = 3Sin2, 00 900, then what is the value of (tan + Sec)/(Cot + Cosec)?

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**Difficulty : Moderate** 

**Average Time : 45 Seconds** 

#### **Options**:

- 1. (2 + 33)/3
- 2. (2 + 33)/2
- 3. (3 + 23)/3
- 4. (3 + 23)/2

#### Solution :

The correct answer is option 3 i.e (3 + 23)/3

```
5\cos^2 + 1 = 3\sin^2
```

By adding 3Cos<sup>2</sup> in both the sides

```
5\cos^2 + 1 + 3\cos^2 = 3\sin^2 + 3\cos^2
8\cos^2 + 1 = 3
\cos^2 = 1/4
Cos = 1 / 2 \text{ or } - 1 / 2
As 0^{\circ} 90° Cos can not be negative
 = 60<sup>°</sup>
(tan + Sec) / (Cot + Cosec)
(\tan 60^{\circ} + \sec 60^{\circ}) / (\cot 60^{\circ} + \csc 60^{\circ})
(3 + 2) / (1 / 3 + 2 / 3)
```

```
(3 + 2) / 3 / 3)
```



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(3 + 23) / 3

#### Question 80 :

What is the remainder when we divide 570 + 770 by 74?

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Difficulty : Moderate

#### **Options :**

- 1. 1
- 2. 5
- 3. 0
- 4. 7

#### Solution :

The correct answer is **option 3** i.e **0** 

- $5^{70} + 7^{70}$  $(5^2)^{35} + (7^2)^{35}$  $25^{35} + 49^{35}$
- (As 25 + 49 = 74 divides completely.)

Remainder = 0

#### Question 81 :

A man sold two gifts at Rs.30 each. On one gift he gained 18%, and on the other gift he lost 18%. What is his overall gain/loss (in Rs)?

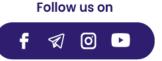
#### Difficulty : Moderate

#### **Options** :

- 1. Loss of Rs.2.00
- 2. Gain of Rs.1.75
- 3. Loss of Rs.2.50
- 4. Gain of Rs.2.00

#### Solution :

The correct answer is **option 1** i.e **Loss of Rs.2.00** 



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Average Time : 44 Seconds

Average Time : 84 Seconds





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The selling price of the first gift = Rs.30

The cost price of the first gift = 30 / 1.18

Rs.25.42

The selling price of the second gift = Rs.30

The cost price of the second gift = 30 / 0.82

Rs.36.58

Total cost price = 25.42 + 36.58

Rs.62.00

Total selling price = 30 + 30

Total loss = 60 - 62

- Rs.2

The negative sign signifies the loss.

#### Question 82 :

The following table shows the items of expenditure of a company (in Rs lakh per annum), from 2015 to 2019. Year salary Fuel and transport Bonus Interest on Ioan Taxes 2019 250 90 5 23.5 80 2018 350 110 2.5 30 110 2017 325 100 3.5 40 70 2016 300 125 4 35 90 2015 400 140 3 45 100 What is the average amount of interest per year which the company had to pay during this period?

Average Time : 64 Seconds

**Difficulty : Moderate** 

#### **Options :**

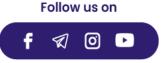
- 1. Rs.30.7 lakh
- 2. Rs.34.7 lakh
- 3. Rs.25 lakh
- 4. Rs.35 lakh

#### Solution :

The correct answer is option 2 i.e Rs.34.7 lakh

The interest for the loan for all the years is = 23.5, 30, 40, 35 & 45

23.5 + 30 + 40 + 35 + 45 = 173.5



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Total number of years = 5

Average = 173.5 / 5

Rs.34.7 lakh

#### **Question 83:**

If a4 + 1/a4 = 50, a > 0, then find the value of a3 + 1/a3.

**Difficulty : Moderate** 

**Average Time : 41 Seconds** 

#### **Options**:

- 1. [2(1 13)](-1 + 213)
- 2. [2(1 + 13)] + (-1 + 213)
- 3. [2(1 + 13)](-1 + 213)
- 4. [2(1 + 13)](-1 213)

#### Solution :

The correct answer is option 3 i.e [2(1 + 13)](-1 + 213)

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We will put the value  $x = a^2$  in the given identity  $(x^4 + 1 / x^4) = (x^2 + 1 / x^2)^2 - 2$  $(x^4 + 1 / x^4) = (x^2 + 1 / x^2)^2 - 2 = 50$  $(x^{4} + 1 / x^{4}) = (x^{2} + 1 / x^{2})^{2} = 52$ By the property,  $x^{2} + 1$ /  $x^{2} = (x + 1 / x)^{2} - 2$  $x^{2} + 1 / x^{2} = 213$  $(x + 1 / x)^2 - 2 = 213$ x + 1 / x = (213 + 2) $x^{3} + 1 / x^{3} = (x + 1 / x^{3})$  $(x)^{3} - 3(x + 1 / x)$  $x^{3} + 1 / x^{3} = ((213 +$  $2))^{3} - 3((213 + 2))$  $x^{3} + 1 / x^{3} = [2(1)]$ + 13)](-1 + 213)

#### **Question 84 :**

Find the product of (a + b + 2c)(a2 + b2 + 4c2 - ab - 2bc - 2ca).

**Difficulty : Moderate** 

**Options**:

- 1.  $a^3 + b^3 + 8c^3 6abc$
- 2.  $a^3 + b^3 + 8c^3 abc$
- 3.  $a^3 + b^3 + 6c^3 6abc$
- 4.  $a^3 + b^3 + 8c^3 2abc$

Solution :

The correct answer is **option 1** i.e  $a^3 + b^3 + 8c^3 - 6abc$ 

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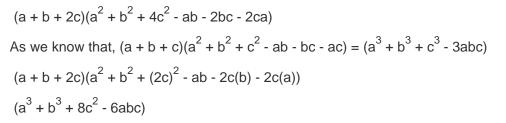
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**Average Time : 100 Seconds** 





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#### Question 85 :

When two equal amounts are deposited for 5 years and 3 years at the rate of 7% and 9% per annum respectively, and the difference of their simple interest is Rs.475. Then find the deposited amount.

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**Difficulty : Moderate** 

#### **Options :**

- 1. Rs.5,837.5
- 2. Rs.6,037.5
- 3. Rs.5,992.5
- 4. Rs.5,937.5

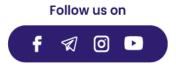
#### Solution :

The correct answer is option 4 i.e Rs.5,937.5

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Simple interest = (principal × rate of interest × number of years) / 100	Let P be the deposited amount, $(P \times 7 \times 5) / 100 -$ $(P \times 9 \times 3) / 100$ = 475 0.35P - 0.27P = 475 0.08P = 475 P = 475 / 0.08 P = Rs.5937.5

#### Question 86 :

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The length of each equal side of an isosceles triangle is 15 cm and the included angle between those two sides is 90°. Find the area of the triangle.

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**Difficulty : Moderate** 

#### **Options :**

- 1. 225/2 cm<sup>2</sup>
- 2. 255/2 cm<sup>2</sup>
- 3. 125/2 cm<sup>2</sup>
- 4.  $225 \text{ cm}^2$

#### Solution :

The correct answer is **option 1** i.e **225/2 cm<sup>2</sup>** 

The area of the triangle =  $(1 / 2)a \times b \times sin$ 

 $(1 / 2) \times 15 \times 15 \times \sin 90^{\circ}$ 

(225 / 2)cm<sup>2</sup>

#### Question 87 :

The average score in mathematics of 90 students of sections A and B together is 49. The number of students in A was 25% more than that of B, and the average score of the students in B was 20% higher than that of the students in A. what is the average score of the students in A?

**Difficulty : Moderate** 

#### **Options** :

- 1. 45.5
- 2. 45
- 3. 44
- 4. 44.5

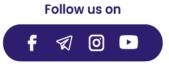
Solution : The correct answer is option 2 i.e 45

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Average Time : 63 Seconds

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FR	
PC	<b>)F</b>

	Total score by 90 students = 90 × 49 4410	
	Let the number of students in section B is 'x'	
	The number of students in section A = 5x / 4	
Average = sum of all observations/number of observations	x + 5x / 4 = 90 x = 40	
	Let the average score of section A be y	LIVE
	The average score of section B = 6y / 5	
	50y + 40(6y / 5) = 4410	
	98y = 4410 y = 45	

#### **Question 88 :**

If Cot + tan = 2Sec, 00 900, then the value of (tan2 - Sec)/(Cot2 + Cosec) is:

**Difficulty : Moderate** 

**Options** :

- 1. (3 2)/11
- 2. (23 1)/11



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Average Time : 63 Seconds





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- (3 2)/5
- 4. (23 1)/5

#### Solution :

The correct answer is option 2 i.e (23 - 1)/11

Cot + tan = 2Sec

 $(\cos / \sin) + (\sin / \cos) = 2 \sec$ 

 $(\cos^2 + \sin^2) / \cosh = 2\sec$ 

1 / sincos = 2 sec

seccosec = 2sec

cosec = 2

 $= 30^{\circ} (as 0^{\circ} 90^{\circ})$ 

(tan2 - Sec) / (Cot2 + Cosec)

```
(\tan 60^{\circ} - \sec 30^{\circ}) / (\cot 60^{\circ} + \csc 30^{\circ})
```

(3 - 2 / 3) / (1 / 3 + 2)

(1/3)/(1+23/3)

1/(1+23)

By rationalizing the denominator

(23 - 1) / 11

#### Question 89:

In ABC, D is a point on BC such that AD is the bisector of A, AB = 11.7 cm, AC = 7.8 cm and BC = 13 cm. What is the length (in cm) of DC?

Average Time: 85 Seconds

#### **Difficulty : Moderate**

#### **Options**:

- 1. 5.6
- 2. 5.2
- 3. 6.5



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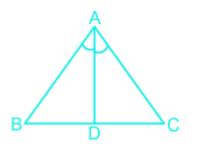
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#### 7.8

#### Solution :

The correct answer is option 2 i.e 5.2



B the angle bisector theorem.

DC/AC = BD/AB

DC/7.8 = 13 - DC/11.7

0.3DC = 2.6 - 0.2DC

DC = 2.6 / 0.5

DC = 5.2

#### Question 90 :

By what number must the given number be multiplied to increase the number by 25%.

#### **Difficulty : Moderate**

#### **Options :**

- 1. 5/4
- 2. 3/4
- 3. 2/5
- 4. 3

#### Solution :

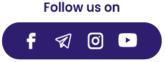
The correct answer is option 1 i.e 5/4

We know that by multiplying with the respective multiplying factor we could increase the number by the corresponding factor.

(1 + 0.25)



Average Time : 45 Seconds



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#### (1 + 1 / 4) = 5 / 4

#### Question 91 :

In a stream running at 3 km/h, a motorboat goes 12 km upstream and back to the starting point in 60 min. find the speed of the motorboat in still water. (in km/h)

**Difficulty : Moderate** 

#### Average Time : 42 Seconds

#### **Options :**

- 1. 2(2 + (17))
- 2. 2(4 + (15))
- 3. 3(2 + (17))
- 4. 3(4 + (17))

#### Solution :

The correct answer is option 4 i.e 3(4 + (17))

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	Let the speed of boat in still water be 'v' km/h
	Total time taken by boat = time taken in upstream + time taken in downstream
	1 = 12 / (v - 3) + 12 / (v + 3)
Speed in upstream = speed of the boat in still water - speed of	1 / 12= 1 / (v - 3) + 1 / (v + 3)
the stream Speed in downstream	1 / 12= (v + 3 + v - 3) / (v + 3)(v - 3)
= speed of the boat in still water + speed of the stream.	$1 / 12 = 2v / v^2 - 9$ $v^2 - 9 = 24v$
	$v^2 - 24v - 9 = 0$
	The roots of the quadratic equations are 3(4 + 17) and 3(4 - 17)
	As speed cannot be negative so the only possible solution will be 3(4 + 17)

#### **Question 92 :**

Solve the following expression. 5.6 -  $\{2 + 0.6 \text{ of } (2.1 - 2.6 \times 1.12)\}$ 

**Difficulty : Moderate** 

#### **Options** :

- 1. 7.7113
- 2. 7.7112

Average Time: 79 Seconds

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#### 4.0872

#### 4. 4.0871

#### Solution :

The correct answer is option 3 i.e 4.0872

 $5.6 - \{2 + 0.6 \text{ of } (2.1 - 2.6 \times 1.12)\}$ 

We will solve the above sum with the help of BODMAS

5.6 - {2 + 0.6 of (2.1 - 2.912)}

5.6 - {2 + 0.6 of (-0.812)}

5.6 - {2 - 0.4872}

5.6 - 1.5128

4.0872

#### **Question 93:**

A trader marks his goods at 60% above the cost price and allows a discount of 25%. What is his gain percent?

**Difficulty : Moderate** 

**Average Time : 45 Seconds** 

#### **Options** :

- 1. 30%
- 2. 20%
- 3. 25%
- 4. 40%

#### Solution :

The correct answer is option 2 i.e 20%

Let the cost price of the goods be Rs.100, the marking price of the goods shall be Rs.160.

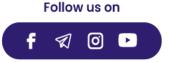
By applying the discount of 25% on the marked price =  $160 \times (1 - 0.25)$ 

 $160 \times 0.75$ 

Rs.120

The gain will be = Selling price - cost price

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120 - 100 = 20%

#### Question 94 :

Solve the following. ((Sin27o) / (Cos63o)) - ((Cos27o) / ((Sin63o))2

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Difficulty : Moderate

Average Time : 46 Seconds

#### Options :

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

#### Solution :

#### The correct answer is option 1 i.e 0

```
((Sin27^{\circ}) / (Cos63^{\circ})) - ((Cos27^{\circ}) / (Sin63^{\circ}))^{2}
```

```
As we know that, sin(90^{\circ} - x) = cosx \& cos(90^{\circ} - x) = sinx
```

```
((\cos(90^{\circ} - 27^{\circ})) / (\cos 63^{\circ})) - ((\sin(90^{\circ} - 27^{\circ})) / (\sin 63^{\circ}))^{2}
```

 $((\cos 63^{\circ}) / (\cos 63^{\circ})) - ((\sin 63^{\circ}) / (\sin 63^{\circ}))^2$ 

$$(1 - 1)^2 = 0$$

#### Question 95 :

In the given figure, a circle inscribed in PQR touches its sides PQ, QR and RP at points S, T and U, respectively. If PQ = 15 cm, QR = 10 cm, and RP = 12 cm, then find the lengths of PS, QT and RU?

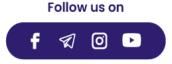
#### Difficulty : Moderate

#### Options :

- 1. PS = 8.5 cm, QT = 3.5 cm and RU = 6.5 cm
- 2. PS = 8.5 cm, QT = 6.5 cm and RU = 3.5 cm
- 3. PS = 6.5 cm, QT = 8.5 cm and RU = 3.5 cm
- 4. PS = 3.5 cm, QT = 6.5 cm and RU = 8.5 cm

#### Solution :

The correct answer is option 2 i.e PS = 8.5 cm, QT = 6.5 cm and RU = 3.5 cm



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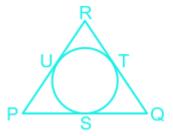


Average Time : 76 Seconds





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Let PS = xcm

SQ = 15 - x

The tangent from an external point to the circle are equal in length

QT = SQ = 15 - x

QR = 10 cm

```
TR = UR = 10 - (15 - x) = x - 5
```

```
And
```

```
RP = 12 \text{ cm}
```

```
PU = 12 - (x - 5) = 17 - x
```

PU = PS

17 - x = x

x = 8.5 cm

PS = 8.5 cm

QT = 15 - x = 6.5 cm

RU = x - 5 = 8.5 - 5 = 3.5 cm

#### Question 96:

The following table showing the percentage of the total population of a state in different age groups. Age group (in years) Population (in percentage) 0-15 31 15-25 5.25 25-35 14.25 35-45 14.50 45-55 17.25 55 & above 17.75 Total 100 Out of every 50,000 people, find the approximate number of persons below the age of 35.

**Difficulty : Moderate** 

**Options** :

1. 26,250

Average Time: 79 Seconds



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- 25,250
- 3. 26,260
- 4. 25,230

#### Solution :

The correct answer is option 2 i.e 25,250

Total population = 50,000

The percentage of people below the age of 35 = 31 + 5.25 + 14.25

50.5%

(50.5 / 100) × 50,000

25,250

#### Question 97:

The following table shows the percentage distribution of the population of five states, A, B, C, D and E on the basis of the poverty line and also on the basis of sex. State Percentage of population below the povetry line Proportion of Males and Below Poverty line Above Poverty line Males : Females Males : Females A 15 5 : 3 4 : 3 B 25 1 : 2 2 : 3 C Females 19 3 : 2 4 : 5 D 35 1 : 2 2 : 3 E 24 3 : 5 6 : 7 If the male population above the proverty line for State B is 2.5 millions, then what is the total population of state B?

**Difficulty : Moderate** 

#### Average Time : 56 Seconds

#### **Options**:

- 1.  $7^2/_3$  million
- 2.  $10^{5}/_{3}$  million
- 3.  $8^2/_3$  million
- 4.  $8^{1}/_{3}$  million

#### Solution :

The correct answer is option 4 i.e 8  $^{1}/_{3}$  million

The ratio of male and female in state B above poverty = 2 : 3

The number of males in state B above poverty = 2.5 million

The number of females in state B above poverty =  $2.5 \times (3/2)$ 

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3.75 million

Total population of state B above poverty = 3.75 + 2.5

6.25 million

Total population of state  $B = 6.25 \times (100/75)$ 

8.33 million or 8  $^{1}/_{3}$  million

#### Question 98 :

The following table shows the percentage distribution of the population of five states, A, B, C, D and E on the basis of the poverty line and also on the basis of sex. State Percentage of population below the poverty line Proportion of Males and Females Below Poverty line Above Poverty line Males : Females Males : Females A 15 5 : 3 4 : 3 B 25 1 : 2 2 : 3 C19 3 : 2 4 : 5 D 35 1 : 2 2 : 3 E 24 3 : 5 6 : 7 If the population of males below the poverty line for State C is 3 million, then what is the total population of State C?

Difficulty : Moderate

#### **Options** :

- 1. 24.486 million
- 2. 26.326 million
- 3. 25.617 million
- 4. 23. 361 million

#### Solution :

The correct answer is **option 2** i.e **26.326 million** 

The population of males below the poverty line for State C = 3 million

The ratio of male and female in state C below the poverty line = 3 : 2

The population of females below the poverty line for State C = 3 million  $\times$  (2/3)

2 million

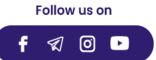
Total population of state C below the poverty line = 2 million + 3 million

5 million

The 19% population of state C = 5,000,000

Total population of state C =  $5,000,000 \times (100/19)$ 

Average Time : 79 Seconds



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26.326 million

#### Question 99 :

25a2 - 9 is factored as:

**Difficulty : Moderate** 

#### **Options** :

- 1. (25a + 1) (a 9)
- 2.  $(5a 3)^2$
- 3. (5a + 1)(5a 9)
- 4. (5a + 3)(5a 3)

#### Solution :

The correct answer is option 4 i.e (5a + 3)(5a - 3)

$$25a^2 - 9$$
  
 $(5a)^2 - (3)^3$ 

By applying the algebraic identity,  $a^2 - b^2 = (a + b)(a - b)$ 

(5a + 3)(5a - 3)

#### Question 100 :

A can do a piece of work in 6 days. B can do it in 9 days. With the assistance of C they complete the work in 3 days. In how many days can C alone do the work?

Difficulty : Moderate

#### **Options** :

- 1.8
- 2. 16
- 3. 18
- 4. 12

Solution : The correct answer is option 3 i.e 18 Average Time : 53 Seconds

Average Time : 54 Seconds

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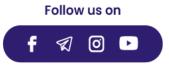
# FREE

Understanding	Application
	Let the number of units work be LCM(9, 3, 6) = 18
	The number of units works completed by A in one day = 18 / 6
The rate of work is inversely proportional to the time taken by the person.	3 units
	The number of units works completed by B in one day = 18 / 9
	2 units
	The number of units works completed by A, B, and C in one day = 18 / 3
	6 units
	Number of units completed by C = 6 - (2 + 3)
	6 - 5 = 1 unit
	If C completes 1 unit of work in 1 day then for 18 units of work he will take = 18 days.



## **Ssc Cgl Tier I Previous Year Question Paper** Analysis

The analysis of Ssc Cgl Tier I Previous Year Question Paper held on 2020-03-07 in the Evening exam is as follows:



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100 questions were moderate.

- 2. The safe score is 140 marks.
- 3. 25 questions were asked from Logical Reasoning, 25 questions were asked from English Language, 25 questions were asked from General Awareness and 25 questions were asked from Quantitative Aptitude

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4. 20 questions should have been skipped if you were short of time.

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

## Logical Reasoning

- 1. Coding Decoding 2
- 2. Analogy 3

K) LIVE

- 3. Classification 3
- 4. Blood Relations 1
- 5. Syllogism 1
- 6. Venn Diagrams 1
- 7. Dictionary Based 1
- 8. Figure Based 1
- 9. Matrix 1
- 10. Paper-cutting, Folding, Punching 1
- 11. Mirrors And Water Reflection 1
- 12. Configuration, Fitting Pieces, Odd Pieces 2
- 13. Series 3
- 14. Mathematical Reasoning 3
- 15. Cubes And Dice 1

## English Language

- 1. Cloze Test 7
- 2. Spotting Error 2
- 3. Parajumbles 2
- 4. Idioms 2
- 5. One Word Substitution 2
- 6. Narration 1
- 7. Sentence Improvement 2

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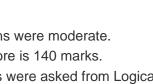
8. Synonym - 2







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Antonym - 2

- 10. Filler (Vocab) 2
- 11. Incorrectly Spelt 1
- 12. Incorrectly Spelt 1

## General Awareness

- 1. History 2
- 2. Polity 1
- 3. Science 5
- 4. Environment 1
- 5. Geography 2
- 6. GK Misc 7
- 7. Current Affairs 7

## **Quantitative Aptitude**

- 1. Time Speed And Distance 1
- 2. Geometry 2
- 3. Data Sufficiency 22

## **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.



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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.

## **Daily Current Affairs**

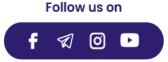


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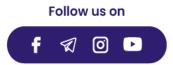
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## About Neetu Mam



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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.





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