









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 2020-03-09 in the Morning exam. The detailed solutions are also provided for every previous year question and some of these questions can be asked again in your Ssc Cgl Tier I exam. There are 100 questions in the exam and 60 minutes are provided for the Ssc Cgl Tier I exam. The Cutoff of the exam was 140 marks hence you should try to score at least 150 marks.

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

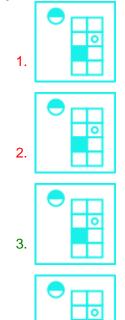
Question 1:

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

Difficulty : Moderate

Average Time : 42 Seconds

Options:



Solution:

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The correct answer is option 3 i.e

The logic which follows here is:

The square is shaded by 1 block in clockwise.

The small circle is moving in clockwise direction.

The big circle is changing its position from left to right, and right to left and so on.

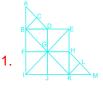
The circle itself is rotating in 90 degree clockwise direction.

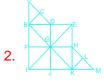
Question 2:

A piece of paper is folded and cut as shown below in the question figures. Select from the given answer figures, how it will appear when unfolded?

Difficulty: Moderate Average Time: 76 Seconds

Options:







4.

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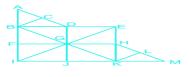
Solution:

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



Understanding

After unfolding, the paper will appear as follows:



When the paper is unfolded the same pattern will appear in all four quadrants.



Question 3:

Seema flies a kite on a 16 m string at an inclination of 60o. What is the height (h) of the kite above the ground?

Difficulty : Moderate Average Time : 77 Seconds

Options:

- 1. 4(3) m
- 2. 8(3) m
- 3. 16(3) m
- 4. 6(3) m

Solution:

The correct answer is option 2 i.e 8(3) m

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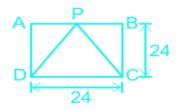












In the given right-angled triangle, the angle subtended is 60°, the length of the string is 16m.

Sin = Perpendicular/Hypotenuse

Sin60° = Perpendicular/16

(3)/2 = Perpendicular/16

Perpendicular = 8(3)m

Question 4:

In a certain code language, 'POUND' is coded as '106' and 'CLEAN' is coded as '41'. How will 'MAKER' be coded as in that language?

Difficulty: Moderate

Average Time: 62 Seconds

Options:

- 1. 78
- 2. 50
- 3. 112
- 4. 54

Solution:

The correct answer is option 4 i.e 54.

Question 5:

Arrange the following words in the order in which they would appear in an English dictionary. 1. Realistic 2. Realism 3. Restore 4. Research

Difficulty: Moderate

Average Time: 32 Seconds

Options:

1. 2, 1, 4, 3

2. 2, 1, 3, 4

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1, 2, 3, 4

4. 1, 2, 4, 3

Solution:

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

Understanding

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

So the arrangement is;

- 1. Realism
- 2. Realistic
- 3. Research
- 4. Restore

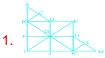
Question 6:

Which of the following Venn diagrams best represent the relationship between the classes? Tables, Wooden objects, Chairs

Difficulty : Moderate

Average Time: 49 Seconds

Options:









Solution:

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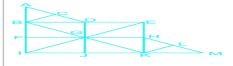


The correct answer is **option 3** i.e



Understanding

The possible Venn diagram is:



Some tables and chairs are wooden objects. No table is a chair.

Hence, the diagram given below shows the best relationship between them:

Question 7:

If 'A' stand for 'subtraction ', 'B' stands for 'multiplication', 'C' stand for 'addition' and 'D' stands for 'division', then what is the value of the following expression? 32 B 4A 12 B (35 A 24) C 52 D 4

Difficulty : Moderate Average Time : 85 Seconds

Options:

- 1. 47
- 2. 19
- 3. 9
- 4. 39

Solution:

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

Understanding

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Given equation:32 B 4A 12 B (35 A 24) C 52

D 4

Given conditions:

A -

Вх

C +

D÷

After replacement the equation becomes;

 $= 32 \times 4 - 12 \times (35 - 24) + 52 \div 4$

 $= 32 \times 4 - 12 \times 11 + 52 \div 4$

 $= 32 \times 4 - 12 \times 11 + 13$

 $= 128 - 12 \times 11 + 13$

= 128 - 132 + 13

= 9

Hence, option 3 is the correct answer.

Question 8:

Name the author of the book 'Ain-i-Akbari'?

Difficulty : Moderate

Average Time: 62 Seconds

Options:

- 1. Todar Mal
- 2. Dara Shikoh
- 3. Abu'l Fazl
- 4. Abdul Rahim Khan-I-Khana

Solution:

The correct answer is option 3 i.e Abu'l Fazl.

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 The Ain-i-Akbari or the "Administration of Akbar", is a 16th-century detailed document recording of the administration of the Mughal Empire under Emperor Akbar, written by his court historian, Abu'l Fazl in the Persian language.

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() i	Jesti	n	u	

The India Meteorological Department (IMD) celebrated its ______ foundation day on January 15, 2020.

Difficulty: Moderate Average Time: 48 Seconds

Options:

- 1. 145th
- 2. 135th
- 3. 139th
- 4. 140th

Solution:

The correct answer is option 1 i.e 145th.

- The India Meteorological Department (IMD) celebrated its 145th Foundation Day on 15 January.
- It was established in 1875. The day was celebrated by the Ministry of Earth Science under which IMD (Indian Meteorological Department) functions.

Question 10:

A cube is made by folding the given sheet. In the cube so formed, which of the following pairs of letters will be on opposite sides?

Difficulty : Moderate Average Time : 50 Seconds

Options:

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Q and E

- 2. L and U
- 3. B and E
- 4. A and Q

Solution:

The correct answer is **option 1** i.e **Q and E.**

Understanding

After folding the sheet along the lines;

A is opposite to U

Q is opposite to E

L is opposite to B

Hence, option 1 is the correct answer.

Question 11:

Identify the number that does NOT belong to the following series. 2, 6, 14, 30, 62, 126, 250

Difficulty: Moderate Average Time: 52 Seconds

Options:

- 1. 126
- 2. 62
- 3. 14
- 4. 250

Solution:

The correct answer option 4 i.e 250.

Understanding

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Given series: 2, 6, 14, 30, 62, 126, 250

The logic used here is:

2 + 4 = 6

6 + 8 = 14

14 + 16 = 30

30 + 32 = 62

62 + 64 = 126

126 + 128 = 254

The odd term in the series is 254.

Hence, option 4 is the correct answer.

Question 12:

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

Difficulty: Moderate Average Time: 53 Seconds

Options:

1. Loyalty: fraud

2. Examination: Pass

3. Competition: Poem

4. Machine: Fault

Solution:

The correct answer is option 2 i.e Examination: Pass.

Understanding Application

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	Similarly,
Audition is related to the selection.	An examination is related to passing it.
	Hence, option 2 is the correct answer.

Question 13:

Study the given pattern carefully and select the number that can replace the question mark (?) in it. 11 12 18 4 5 6 57 19 ?

Difficulty: Moderate Average Time: 52 Seconds

Options:

1. 55

2. 59

3. 205

4. 108

Solution:

The correct answer is option 4 i.e 108.

Understanding	Application
The logic used here is:	Similarly,
Column 1:	Column 3:
$11^2 - 4^3 = 57$	$18^2 - 6^3 = 108$
Column 2:	Hence, option 4 is the
$12^2 - 5^3 = 19$	correct answer.

Question 14:

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

56: 30:: 78:?

Difficulty : Moderate Average Time : 57 Seconds

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Options:

- 1. 56
- 2. 53
- 3. 50
- 4. 61

Solution:

The correct answer is option 1 i.e 56.

Understanding	Application
The logic used	Similarly,
here is:	78:?
56: 30	7 × 8 = 56
5 × 6 = 30	Hence, option 1 is the correct answer.

Question 15:

'Ethiopia' is related to 'Africa' in the same way as 'Brazil' is related to '______'

Difficulty : Moderate Average Time : 52 Seconds

Options:

- 1. Brasilia
- 2. Africa
- 3. North America
- 4. South America

Solution:

The correct answer is option 4 i.e South America.

Understanding	Application
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Similarly,

Ethiopia is a landlocked country in Africa.

Brazil is a country in South America.

Hence, option 4 is the correct answer.

Question 16:

The value of $1800 \div 20 \times \{(12 - 6) + (24 - 12)\}$ is:

Difficulty: Moderate Average Time: 49 Seconds

Options:

1. 1720

2. 1620

3.840

4. 2720

Solution:

The correct answer is option 2 i.e 1620

Understanding	Application
We will apply the BODMAS rule to simplify the given equation.	1800 ÷ 20 × {(12 - 6) + (24 - 12)} 90 × {6 +12} 90 × 18
	1620

Question 17:

If 3A = 4B = 5C, then A : B : C is equal to:

Difficulty: Moderate Average Time: 44 Seconds

Options:

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10:5:4

2. 10:7:6

3. 20:15:12

4. 20:15:16

Solution:

The correct answer is option 3 i.e 20:15:12

We have given that 3A = 4B = 5C

Let C = LCM(3, 4) = 12

3A = 4B = 60

A = 20

B = 15

A:B:C=20:15:12

Question 18:

In a certain code language, 'DRONE' is written as 'SERFO'. How will 'HOUSE' be written as in that language?

Difficulty: Moderate Average Time: 43 Seconds

Options:

1. PIVFT

2. PQWGS

3. PIXFT

4. QJXGB

Solution:

The correct answer is option 3 i.e PIXFT.

Understanding Application

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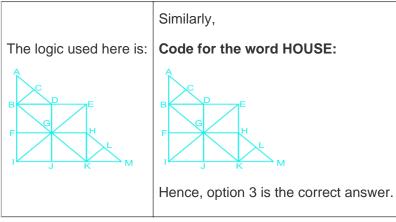












Question 19:

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if appears to be at variance with commonly known facts, decide which of the given conclusions logically follows (s) from the statements. Statements: 1. Some dancers are writers. 2. All writers are students. Conclusions: I. Some students are dancers. II. Some students are writers. III. No student is a dancer.

Difficulty : Moderate Average Time : 72 Seconds

Options:

- 1. Only conclusions II and III follow.
- 2. Only conclusions I and II follow.
- 3. All conclusions I, II and III follow.
- 4. Either conclusion I or III follows.

Solution:

The correct answer is option 2 i.e Only conclusions I and II follow.

Understanding

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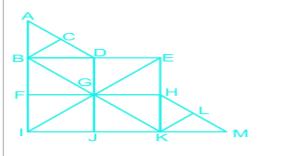








The least possible Venn Diagram for the given statements is drawn below:



Conclusions:

- I. Some students are dancers **True** (As all writer are part of students and some writers are dancers).
- II. Some students are writers **True** (All writers are students, so some students are writers is true).
- III. No student is a dancer **False** (This is definitely false).

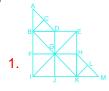
Hence, Only conclusions I and II follow.

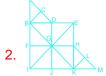
Question 20:

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

Difficulty: Moderate Average Time: 76 Seconds

Options:





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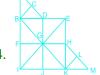










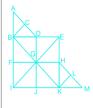


Solution:

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

Understanding

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



Question 21:

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

Difficulty: Moderate Average Time: 73 Seconds

Options:

1. Volume

2. Distance

3. Gallon

4. Weight

Solution:

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

Understanding

Gallon is only the unit of measurement of Volume.

Hence, option 3 is the odd one out.

Question 22:

Select the letter-cluster that can replace the question mark (?) in the following series. DJQC, ELTG, FNWK, GPZO,?

Difficulty: Moderate Average Time: 45 Seconds

Options:

- 1. HRCS
- 2. HQCT
- 3. GRDS
- 4. HRBU

Solution:

The correct answer is option 1 i.e HRCS.

Understanding

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Given series: DJQC, ELTG, FNWK, GPZO,?

The logic used here is:

DJQC, ELTG

D + 1 = E

J + 2 = L

Q + 3 = T

C + 4 = G

Similarly the term after GPZO;

G + 1 = H

P + 2 = R

Z + 3 = C

0 + 4 = S

The next term in the series is HRCS.

Hence, option 1 is the correct answer.

Question 23:

How many triangles are there in the given figure ?

Difficulty : Moderate

Options:

1. 24

2. 22

3. 23

4. 21

Solution:

The correct answer is option 2 i.e 22.

Understanding

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Average Time: 62 Seconds

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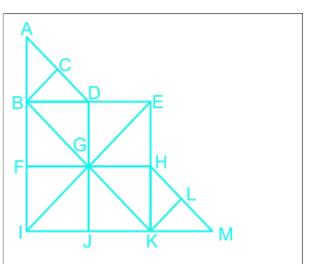












22 triangles: ABC, BCD, ABD, BDG, BFG, DGE, EGH, BGE, FGI, GJI, GJK, GHK, HKL, LKM, HKM, GIK, BIK, BEK, BIE, IKE, GEK, BGI.

Question 24:

60 students participated in one or more of the three competitions, i.e. Quiz, Extempore and Debate. A total of 22 students participated either in Quiz only or in Extempore only. 4 students participated in all three competitions. A total of 14 students participated in any of the two competitions only. How many students participated in Debate only?

Difficulty : Moderate Average Time : 60 Seconds

Options:

1. 14

2. 11

3. 22

4. 20

Solution:

The correct answer is option 4 i.e 20.

Question 25:

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. Our new office will become operational from a weeks time.

Difficulty: Moderate Average Time: 36 Seconds

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Options:

- 1. No improvement
- 2. by the week's time
- 3. for a weeks time
- 4. in a week's time

Solution:

The correct answer is option 4 i.e. in a week's time.

- "Operational" is followed by the preposition "In".
- The chosen option follows the given rule hence, it will **IMPROVE** the statement correctly.

Correct Sentence:-

Our new office will become operational in a week's time.

Question 26:

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. You will not learn cycling unless you don't try.

Difficulty : Moderate Average Time : 58 Seconds

Options:

- 1. until you don't try
- 2. unless you try
- 3. until you are not trying
- 4. unless you didn't try

Solution:

The correct answer is option 2 i.e. unless you try.

- "Unless" shows a negative sense hence, we can not use a negative verb with it.
- The chosen option follows the given rule hence, it will **IMPROVE** the statement correctly.

Correct Sentence:-

You will not learn cycling unless you try.

Question 27:

Select the most appropriate meaning of the given idiom. Kill two birds with one stone

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Difficulty: Moderate

Average Time: 53 Seconds

Options:

- 1. To try something impossible
- 2. To plan two murders simultaneously
- 3. To achieve two results with a single effort
- 4. To be an expert shooter

Solution:

The correct answer is option 3 i.e. **To achieve two results with a single effort.**

The meaning of the given idiom is-

Kill two birds with one stone- to do one thing which will achieve two results.

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

Question 28:

Select the correct indirect form of the given sentence. Rahul said to his mother, "Can I go out and play now?"

Difficulty: Moderate Average Time: 53 Seconds

Options:

- 1. Rahul asked his mother if he could go out and play then.
- 2. Rahul asked to his mother could he go out and play now.
- 3. Rahul asked his mother that could he go out and play then.
- 4. Rahul asked his mother if can he go out and play now.

Solution:

The correct answer is option 1 i.e. Rahul asked his mother if he could go out and play then.

- As the reported speech is in "Interrogative sentence" we need to make changes according to this.
- There will be a change in the reporting verb and it will be changed into "Asked".
- The inverted comma will be changed into "IF".
- "Can" will be changed into "Could".
- "Now" will be changed into "Then".
- The reported speech will be kept in an assertive structure (subject + verb).

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

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Question 29:

Select the SYNONYM of the given word. SOLEMN

Difficulty: Moderate Average Time: 77 Seconds

Options:

- 1. Furious
- 2. Ordinary
- 3. Serious
- 4. Ignorant

Solution:

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

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

- 1. Solemn- (used about a person) very serious; not happy or smiling.
- 2. Furious- very angry.
- 3. Ordinary- normal; not unusual or different from others.
- 4. Serious- bad or dangerous.
- Ignorant- not knowing about something.

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

Question 30:

Select the correct passive form of the given sentence. Fortunately, the fire did not cause much damage.

Difficulty : Moderate Average Time : 58 Seconds

Options:

- 1. Fortunately, not much damage is caused by the fire.
- 2. Fortunately, not much damage is being caused by the fire.
- 3. Fortunately, not much damage was caused by the fire.
- 4. Fortunately, not much damage was being caused by the fire.

Solution:

The correct answer is option 3 i.e. Fortunately, not much damage was caused by the fire.

Active voice- Subject + did not + v1 + object + other words.

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Passive voice- Object + was/were + not + v3 + by + subject + other words.

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

As the chosen option follows this rule it will be the col	rect answer.
Comprehension :	
In the following passage some words have been deleted. If the most appropriate option for each blank. Tourism can concern is (1) damage to the environment. In which take neither the local architecture (3) to	Fill in the blanks with the help of the alternatives given. Select ause social, cultural or environmental disruption. The greatest order to attract more tourists, (2) resorts are built the ecology into consideration. Natural systems get o provide water (5) waste disposal facilities along with
Question 31 :	
Select the most appropriate option to fill in blank number (1).
Difficulty : Moderate	Average Time : 76 Seconds
Options :	
1. the	
2. an	
3. a	
4. one	
Solution :	
The correct answer is option 1 i.e. the .	
 The statement is emphasizing on the "Damage" her 	nce, "The" will be the correct choice here before it.
Hence, the chosen option will be correct.	
the most appropriate option for each blank. Tourism can concern is (1) damage to the environment. In which take neither the local architecture (3) t	Fill in the blanks with the help of the alternatives given. Select ause social, cultural or environmental disruption. The greatest order to attract more tourists, (2) resorts are built the ecology into consideration. Natural systems get o provide water (5) waste disposal facilities along with
Question 32 :	
Select the most appropriate option to fill in blank number (2	2).

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Difficulty : Moderate	
	Average Time: 63 Seconds

Options:

- 1. scheming
- 2. sprawling
- 3. stretching
- 4. spreading

Solution:

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

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

- 1. **sprawling-** covered with buildings across a large area.
- 2. **scheming-** making secret plans, usually to cheat somebody for your own benefit.
- 3. stretching- to pull something so that it becomes longer or wider; to become longer or wider in this way.
- 4. **spreading** to affect a larger area or a bigger group of people; to make something do this.

The statement and option both have the meaning related to "Build" hence, the chosen option 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. Tourism can cause social, cultural or environmental disruption. The greatest
concern is (1) damage to the environment. In order to attract more tourists, (2) resorts are built
which take neither the local architecture (3) the ecology into consideration. Natural systems get
(4) as a result of indiscriminate construction to provide water (5) waste disposal facilities along with
recreational arrangements to tourists.

Question 33:

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

Difficulty: Moderate Average Time: 88 Seconds

Options:

- 1. or
- 2. nor
- 3. none

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no

Solution .

Goldion:
The correct answer is option 2 i.e. nor .
• "Neither nor" is the correct pair of the conjunction.
• The chosen option completes this construction hence, it will suit the given blank.

Hence, the chosen option will be correct.

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In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select
the most appropriate option for each blank. Tourism can cause social, cultural or environmental disruption. The greatest
concern is (1) damage to the environment. In order to attract more tourists, (2) resorts are built
which take neither the local architecture (3) the ecology into consideration. Natural systems get
(4) as a result of indiscriminate construction to provide water (5) waste disposal facilities along with
recreational arrangements to tourists.

Question 34:

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

Difficulty: Moderate Average Time: 64 Seconds

Options:

- 1. distracted
- 2. dismayed
- 3. displayed
- 4. destroyed

Solution:

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

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

- 1. destroyed- to damage something so badly that it can no longer be used or no longer exists.
- 2. **distracted** unable to give your full attention to something because you are worried or thinking about something else.
- 3. dismayed- to cause to lose courage or resolution.
- 4. **displayed** to put something in a place where people will see it or where it will attract attention.

Indiscriminate construction is destroying the natural systems hence, the chosen option will suit the given blank.

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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. Tourism can cause social, cultural or environmental disruption. The greatest concern is (1) damage to the environment. In order to attract more tourists, (2) resorts are built which take neither the local architecture (3) the ecology into consideration. Natural systems get (4) as a result of indiscriminate construction to provide water (5) waste disposal facilities along with recreational arrangements to tourists.	
Question 35 :	
Select the most appropriate option to fill in blank number (5).	
Difficulty : Moderate	Average Time: 88 Seconds
Options:	
1. also	
2. as	
3. but	
4. and	
Solution:	
The correct answer is option 4 i.e. and.	
• The statement has a simple meaning hence, it will be connected with "And".	
Hence, the chosen option will be correct.	
Question 36 :	
Select the INCORRECTLY spelt word.	
Difficulty : Moderate	Average Time : 37 Seconds

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Options:

1. Pamphlet

2. Potraite

3. Persevere

4. Pageant

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Solution:

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

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

- 1. Pamphlet- a very thin book with a paper cover containing information about a particular subject.
- 2. **Portrait** a picture, painting or photograph of a person.
- 3. **Persevere** to continue trying to do or achieve something that is difficult.
- 4. **Pageant** a type of public entertainment at which people dress in clothes from past times and give outdoor performances of scenes from history.

The chosen option is incorrectly spelt hence, it will be the correct answer.

Question 37:

In the sentence identify the segment which contains the grammatical error. Mohit did not went to school yesterday as he was unwell.

Average Time: 64 Seconds

Difficulty: Moderate

Options:

1. went to school

2. was unwell

3. yesterday as he

4. Mohit did not

Solution:

The correct answer is option 1 i.e. went to school.

- 1. The error lies in option 1 because of the wrong use of "Form form".
- 2. We need to replace "Went" with "Go" for making the statement grammatically correct.

Grammatical concept:-

- The auxiliary verb "Did" is followed by the first form of the verb.
- The chosen option contains the ERROR hence, it will be the correct choice.

Correct Sentence:-

Mohit did not go to school yesterday as he was unwell.

Question 38:

Select the ANTONYM of the given word. REAR

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Difficulty: Moderate

Average Time: 65 Seconds

Options:

- 1. Lower
- 2. Hind
- 3. Back
- 4. Front

Solution:

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

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

- 1. Rear- the back part.
- 2. Lower- below something or at the bottom of something.
- 3. Hind- (used about an animal's legs, etc.) at the back.
- 4. **Back** the part of a person's or animal's body between the neck and the bottom.
- 5. **Front** the side or surface of something/somebody that faces forward.

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

Question 39:

Select the SYNONYM of the given word. ERADICATE

Difficulty: Moderate Average Time: 62 Seconds

Options:

- 1. Approve
- 2. Magnify
- 3. Condense
- 4. Uproot

Solution:

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

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

- 1. **Eradicate** to destroy or get rid of something completely.
- 2. Approve- to be pleased about something; to like somebody/something.

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Magnify- to make something look bigger than it is, usually using a special piece of equipment.

- 4. Condense- to change or make something change from gas to liquid.
- 5. **Uproot** to pull up a plant by the roots.

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

Question 40:

Given below are four jumbled sentences. Select the option that gives their correct order. A. Their prestige and glory spread far and wide. B. The first Olympics were held at Olympia in Greece in 776 B.C. C. It was because the Christians believed that they encouraged pagan worship in temples. D. However, with the advent of Christianity, the games lost their importance.

Difficulty: Moderate Average Time: 76 Seconds

Options:

- 1. DCAB
- 2. BCDA
- 3. BADC
- 4. ACDB



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

- Statement B is independent and defines the theme of the paragraph "Olympics" hence, it will be the opening statement.
- Statement A starts with the pronoun "Their" that is being used for "Olympics" hence, it will come after B.
- Statement C gives the reason behind games losing their importance hence, C will come after D.
- Now we have the final arrangement i.e. BADC.

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 paragraph's idea or theme 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.
- 4. If a statement starts with **Pronoun**, find **the noun** for which the pronoun is used, both the statements containing **noun** and **pronoun** will form a pair respectively.

Question 41:

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In the sentence identify the segment which contains the grammatical error. If a few drops of lemon are put in the milk, ithas turned sour.

Difficulty: Moderate Average Time: 99 Seconds

Options:

- 1. If a few
- 2. drops of lemon
- 3. are put in the milk
- 4. it has turned sour

Solution:

The correct answer is option 4 i.e. it has turned sour.

- 1. The error lies in option 4 because of the wrong use of "Tense".
- 2. We need to replace "Turned" with "Turns" for making the statement grammatically correct.

Grammatical concept:-

- This given sentence is a **zero conditional sentence**. It is used when the result will always happen. Its structure is If + Simple Present/Simple Present. Thus the phrase must be replaced with 'it turns sour'.
- The chosen option contains the ERROR hence, it will be the correct choice.

Correct Sentence:-

If a few drops of lemon are put in the milk, it turns sour.

Question 42:

Fill in the blank with the most appropriate word. Do you want to ______ to Reader's Digest magazine?

Difficulty: Moderate Average Time: 76 Seconds

Options:

- 1. describe
- 2. subscribe
- 3. transcribe
- 4. prescribe

Solution:

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Average Time: 70 Seconds



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

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

- 1. **describe** to say what somebody/something is like, or what happened.
- 2. **subscribe** to pay for a newspaper or magazine to be sent to you regularly.
- 3. transcribe- to record thoughts, speech or data in a written form, or in a different written form from the original.
- 4. **prescribe-** to say what medicine or treatment somebody should have.

The statement talks about the "Magazine" hence, the chosen option will suit the meaning of the given statement.

Hence, the chosen option will be correct.

Correct Sentence:-

Do you want to **subscribe** to Reader's Digest magazine?

Question 43:

Select the INCORRECTLY spelt word.

Difficulty: Moderate

Options:

- 1. Delicious
- 2. Journy
- 3. Furious
- 4. Failure

Solution:

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

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

- 1. Delicious- having a very pleasant taste or smell.
- 2. **Journey** the act of travelling from one place to another, usually on land.
- 3. Furious- very angry.
- 4. Failure- lack of success.

The chosen option is incorrectly spelt hence, it will be the correct answer.

Question 44:

Select the ANTONYM of the given word. PERSUADE

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Difficulty: Moderate

Average Time: 52 Seconds

Options:

- 1. Dissuade
- 2. Impress
- 3. Pervade
- 4. Induce

Solution:

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

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

- 1. **Persuade** to make somebody do something by giving him/her good reasons.
- 2. Dissuade- to persuade somebody not to do something.
- 3. Impress- to make somebody feel admiration and respect.
- 4. **Pervade** to spread through and be noticeable in every part of something.
- 5. **Induce** to make or persuade somebody to do something.

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

Question 45:

Select the word which means the same as the group of words given. Central character in a story or play

Difficulty: Moderate Average Time: 63 Seconds

Options:

- 1. Protagonist
- 2. Hedonist
- 3. Opportunist
- 4. Cartoonist

Solution:

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

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

- 1. **Protagonist** (in literature) the main character in a play, film or book.
- 2. **Hedonist** a person who believes that pleasure is the most important thing in life.

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Opportunist- making use of an opportunity, especially to get an advantage for yourself; not done in a planned way.

4. Cartoonist- a person who draws cartoons.

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

Question 46:

Given below are four jumbled sentences. Select the option that gives their correct order. A. These baits were temptations that people couldn't resist. B. He evolved a theory that the world was a rat-trap. C. Once, a peddler sat looking at his rat-traps. D. Here, people lay baits for others.

Difficulty: Moderate Average Time: 71 Seconds

Options:

- 1. DACB
- 2. CBDA
- 3. BDAC
- 4. CADB

Solution:

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

- Statement C is independent and defines the theme of the paragraph "Peddler" hence, it will be the opening statement.
- Statement B starts with the pronoun "He" that is being used for "Peddler" hence, B will come after C.
- Statement D and A both talk about "Baits" hence, they will come respectively.
- Now we have the final arrangement i.e. CBDA.

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 paragraph's idea or theme 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.
- 4. If a statement starts with **Pronoun**, find **the noun** for which the pronoun is used, both the statements containing **noun** and **pronoun** will form a pair respectively.

Question 47:

Select the most appropriate meaning of the given idiom. Make off with

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Difficulty: Moderate

Average Time: 94 Seconds

Options:

- 1. To transfer
- 2. To run away
- 3. To discover
- 4. To understand

Solution:

The correct answer is option 2 i.e. To run away.

The meaning of the given idiom is-

Make off with- carry something away illicitly.

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

Question 48:

Select the word which means the same as the group of words given. Person or animal living on another

Difficulty : Moderate Average Time : 45 Seconds

Options:

- 1. Parasite
- 2. Pupil
- 3. Heir
- 4. Successor

Solution:

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

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

- 1. **Parasite** a plant or an animal that lives in or on another plant or animal and gets its food from it. Parasites sometimes cause disease.
- 2. Pupil- a child in school.
- 3. **Heir** the person with the legal right to receive (inherit) money, property or a title when the owner dies.
- 4. Successor- a person or thing that comes after somebody/something else and takes his/her/its place.

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

Question 49:

Fill in the blank with the most appropriate word. Your demands are bound to lead to _____ in the family.

Difficulty: Moderate Average Time: 67 Seconds

Options:

- 1. absence
- 2. discord
- 3. barrier
- 4. decrease

Solution:

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

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

- 1. absence- a time when somebody is away from somewhere; the fact of being away from somewhere.
- 2. discord- disagreement or argument.
- 3. barrier- an object that keeps people or things separate or prevents them moving from one place to another.
- 4. **decrease** to become or to make something smaller or less.

The meaning chosen option will suit the ginve statement contextually.

Hence, the chosen option will be correct.

Correct Sentence:-

Your demands are bound to lead to discord in the family.

Question 50:

In the given figure, ABC, if = 800, the measure of each of the other two angles will be:

Difficulty: Moderate Average Time: 70 Seconds

Options:

- 1. 60°
- 2. 80°
- 3. 40°

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50°

Solution:

The correct answer is option 4 i.e 50°

Understanding	Application
	ABC = ACB
The given triangle ABC is an isosceles triangle in which the angles facing the equal sides are equal in measure. The sum of all the three angles in a triangle is 180°.	Let the measure of angle be x. $x + x + 80^{\circ} = 180^{\circ}$ $2x = 100^{\circ}$ $x = 50^{\circ}$

Question 51:

What is the smallest integer that is a multiple of 5, 8 and 15?

Difficulty : Moderate Average Time : 72 Seconds

Options:

- 1. 60
- 2. 40
- 3. 6000
- 4. 120

Solution:

The correct answer is option 4 i.e 120

Understanding Application

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For getting the least common multiple of the numbers we have to take the lcm of the given numbers.

lcm(5, 8, 15) $2^3 \times 3 \times 5$ 120

Question 52:

The simple interest on a sum of money for 3 years at an interest rate of 6% p.a. is Rs.6,750. What will be the compound interest rounded off on the same sum at the same rate for the same period, compounded annually is closest to:

Difficulty: Moderate Average Time: 53 Seconds

Options:

- 1. Rs.7,133
- 2. Rs.7,663
- 3. Rs.7,103
- 4. Rs.7,163

Solution:

The correct answer is option 4 i.e Rs.7,163

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Simple interest = (principal × rate of interest × time period) / 100

 $SI = (P \times r \times t) / 100$

The simple interest is the product of principal, rate of interest per annum & the time period divided by 100.

Compound interest = $P(1 + r / 100)^t$ - P

 $6750 = (P \times 6 \times 3) / 100$

P = Rs. 37500

The compound interest for the given sum will be as follows.

SI = 37500(1 + 6) $(100)^3 - 37500$

SI = 44663.1 -

37500

Rs. 7163.1

Question 53:

A + B means 'A is the father of B'; A \times B means 'A is the brother of B'; A \div B means 'A is the sister of B'; Which of the following expressions means 'H is the paternal grandson of P'?

Difficulty: Moderate Average Time: 74 Seconds

Options:

1. $D + H + K \times M \div P$

2. $H + K + D \times P \div M$

3. $P + K + D \times H \div M$

4. $P + K + D \div H \times M$

Solution:

The correct answer is **option 4** i.e $P + K + D \div H \times M$.

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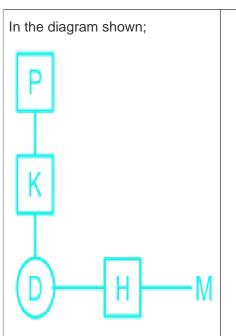










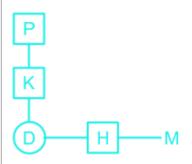


Square shows males, the circle shows females, vertical lines show generations, single horizontal line shows brother or sisters and double lines show a couple.

Lets check each option one by one.

Taking Option 1:

 $D + H + K \times M \div P$



From this it is clear that H is in 2nd generation, so this is not correct answer.

Taking Option 2:

 $H + K + D \times P \div M$

Hence the correct answer which shows relationship of H as grand son of

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Question 54:

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

Difficulty : Moderate

Average Time: 141 Seconds

Options:

- 1. ADGJ
- 2. TVXZ
- 3. RSTU
- 4. JNQS

Solution:

The correct answer is option 4 i.e JNQS.

Understanding

Option 1: ADGJ

A + 3 = D; D + 3 = G; G + 3 = J

Option 2:TVXZ

T + 2 = V; V + 2 = X; X + 2 = Z

Option 3:RSTU

R + 1 = S; S + 1 = T; T + 1 = U

Option 4:JNQS

Option 4 does not follow any particular

pattern.

Hence, JNQS is the odd one out.

Question 55:

Select the option in which the numbers are related in the same way as are the numbers in the given set. (144, 1728, 12)

Difficulty: Moderate Average Time: 60 Seconds

Options:

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(9, 27, 6)

2. (441, 2431, 22)

3. (121, 1331, 11)

4. (343, 49, 8)

Solution:

The correct answer is **option 3** i.e **(121, 1331, 11)**

Understanding

The logic which follows here is:

 x^{2}, x^{3}, x

12², 12³, 12

144, 1728, 12

In the same way

11², 11³, 11

121, 1331, 11

Question 56:

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.

Difficulty: Moderate

Average Time: 50 Seconds

Options:

1. 37: 266

2. 45: 322

3. 43: 318

4. 53: 378

Solution:

The correct answer is option 3 i.e 43: 318.

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Understanding

The logic used here is:

2nd number = $(1st number \times 7) + 7$

Option 1: 37: 266

 $(37 \times 7) + 7 = 266$

Option 3: 43: 318

 $(43 \times 7) + 7 = 308$

Option 4 does not follow the pattern.

Hence, option 4 is the odd one out.

Question 57:

Select the correct mirror image of the given letter-cluster when a vertical mirror is placed on the right side of the cluster. R Q B K H N T

Difficulty : Moderate Average Time : 55 Seconds

Options:

RQBKHNT 1

R Q B K H N T .

RQBKHNT .E

RQBKHNT .4

Solution:

The correct answer is option 2 i.e T N H X B Q A.

Understanding

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The mirror image of the question figure is shown below:

RQBKHNT

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 58:

Select the letter that can replace the question mark (?) in the following series. Y, R, L, G, ?, Z

Difficulty : Moderate Average Time : 84 Seconds

Options:

- 1. E
- 2. D
- 3. C
- 4. F

Solution:

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

Understanding

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Average Time: 56 Seconds



Given series: Y, R, L, G, ?, Z

The logic used here is:

Y - 7 = R

R - 6 = L

L - 5 = G

G - 4 = C

C - 3 = Z

The next term in the series is G - 4 = C.

Hence, option 3 is the correct answer.

Question 59:

What does the writ of 'Mandamus' mean?

Difficulty: Moderate

Options:

- 1. We Command
- 2. By What Warrants
- 3. To be Certified
- 4. You May Have the Body

Solution:

The correct answer is option 1 i.e We Command.

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Mandamus ("we command") is a
 judicial remedy in the form of an order
 from a court to any government,
 subordinate court, corporation, or public
 authority, to do (or forbear from doing)
 some specific act which that body is
 obliged under law to do (or refrain from
 doing), and which is in the nature of
 public duty, and in certain cases one of
 statutory duty.

Question 60:

Which of the following Acts was amended to provide a statutory basis for the implementation of the flexible inflation targeting (FIT) framework?

Difficulty : Moderate

Average Time : 59 Seconds

Options:

- 1. Reserve Bank of India (RBI) Act, 1934
- 2. The Industrial Finance Corporation of India Act, 1948
- 3. Deposit Insurance and Credit Guarantee Corporation Act, 1961
- 4. Banking Regulation Act, 1949

Solution:

The correct answer is option 1 i.e Reserve Bank of India (RBI) Act, 1934.

- The Reserve Bank of India Act, 1934 was amended to provide a statutory basis for an FTI framework.
- The amended Act provides for the inflation target to be set by the Government, in consultation with the RBI, once every five years.

Question 61:

Shaukat Kaifi passed away in 2019. She was the mother of which famous actress?

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Difficulty: Moderate

Average Time: 54 Seconds

Options:

- 1. Dia Mirza
- 2. Urmila Matondkar
- 3. Fatima Sana Shaikh
- 4. Shabana Azmi

Solution:

The correct answer is option 4 i.e Shabana Azmi.

 Shaukat Kaifi was the mother of Shabana Azmi.

Question 62:

Who launched the first phase of the Mumbai Trans Harbour Link (MTHL) on 15th January 2020?

Difficulty: Moderate Average Time: 41 Seconds

Options:

- 1. Ajit Pawar
- 2. Uddhav Thackeray
- 3. Narendra Modi
- 4. Devendra Fadnavis

Solution:

The correct answer is option 2 i.e Uddhav Thackeray.

- Uddhav Thackeray launched the first phase of the Mumbai Trans Harbour Link (MTHL) on 15th January 2020.
- The alternate name of the link is Sewri -Nhava Sheva Trans Harbour Link.

Question 63:

What is the full form of GNP?

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Difficulty: Moderate

Average Time: 45 Seconds

Options:

- 1. Gramin Nigam Parishad
- 2. Gross National Product
- 3. Gross National Produce
- 4. Gramin Nisak Praman

Solution:

The correct answer is option 2 i.e. Gross National Product.

- Gross National Product (GNP) is an estimate of the total value of all the final products and services turned out in a given period by the means of production owned by a country's residents.
- GNP is commonly calculated by taking the sum of personal consumption expenditures, private domestic investment, government expenditure, net exports and any income earned by residents from overseas investments, minus income earned within the domestic economy by foreign residents.

Question 64:

What is the yellow dust present in the middle of a flower called?

Difficulty: Moderate Average Time: 55 Seconds

Options:

- 1. Pollen
- 2. Zygote
- 3. Sperm
- 4. Stomata

Solution:

The correct answer is option 1 i.e Pollen.

 The yellow powdery stuff, often on the ends of stick-like structures coming out of the flower is called pollen, and the stick that holds it is called a stamen.

Question 65:

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The Paithan Hydro - Electric Project is on river	

Difficulty : Moderate Average Time : 43 Seconds

Options:

- 1. Narmada
- 2. Brahmaputra
- 3. Godavari
- 4. Yamuna

Solution:

The correct answer is option 3 i.e Godavari.

- The Paithan (Jayakwadi) Hydro-electric project is on the river Godavari.
- The harsh project is one of the largest irrigation projects in the Indian state of Maharashtra.

Question 66:

Fatehabad district derives its name from the eponymous headquarters town founded by _____ in the 14th century, who named it after his son Fateh Khan.

Difficulty : Moderate Average Time : 47 Seconds

Options:

- 1. Firoz Shah Tughlaq
- 2. Humayun
- 3. Allauddin Khilji
- 4. Ghiyasuddin Tughlaq

Solution:

The correct answer is option 1 i.e. Firoz Shah Tughlaq.

• Fatehabad district derives its name from the eponymous headquarters town founded by Firoz Shah Tughlak in the 14th century.

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He named it after his son Fateh Khan, Fatehabad.

• The Fatehabad district was carved out of the Hisar district on 15 July 1997.

Question 67:

Protium, deuterium and tritium are the naturally occurring isotopes of:

Difficulty: Moderate Average Time: 46 Seconds

Options:

- 1. Gold
- 2. Hydrogen
- 3. Nitrogen
- 4. Carbon

Solution:

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

- Hydrogen (₁H) has three naturally occurring isotopes, sometimes denoted ¹H - protium, ²H - deuterium, and ³H - tritium.
- Isotopes have the same number of protons but different in number of neutrons.
- Hydrogen is the most unstable element of the periodic table.

Question 68:

Name the first actor to win the Oscar Awards.

Difficulty: Moderate Average Time: 49 Seconds

Options:

- 1. Lionel Barrymore
- 2. Emil Jannings
- 3. Charlie Chaplin
- 4. Warner Baxter

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Average Time: 55 Seconds



Solution:

The correct answer is option 2 i.e Emil Jannings.

- The Academy Award for Best Actor is an award presented annually by the Academy of Motion Picture Arts and Sciences (AMPAS). It is given in honour of an actor who has delivered an outstanding performance in a leading role while working within the film industry.
- Emil Jannings was given the Best Actor award for his work in both The Way of All Flesh and The Last Command.

Question 69:

In which year did the Portuguese capture Goa?

Difficulty: Moderate

Options:

1. 1475 AD

2. 1540 AD

3. 1510 AD

4. 1610 AD

Solution:

The correct answer is option 3 i.e 1510 AD.

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- The Portuguese conquest of Goa occurred when the governor of Portuguese India Afonso de Albuquerque captured the city in 1510.
- Goa was not among the cities
 Albuquerque had received orders to conquer: he had only been ordered by the Portuguese king to capture Hormuz, Aden, and Malacca.

Question 70:

Who designed the logo for Lokpal in India?

Difficulty : Moderate Average Time : 48 Seconds

Options:

- 1. Kamareddy
- 2. Prashant Mishra
- 3. Deepak Punia
- 4. B.P. Raju

Solution:

The correct answer is **option 2** i.e **Prashant Mishra**.

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- In the three-stage selection process, the Logo design of Shri Prashant Mishra, Prayagraj, Uttar Pradesh was selected for adoption as the Logo of Lokpal.
- The logo of Lokpal is based upon the literal meaning of LOKPAL, LOK – meaning people and PAL – meaning caretaker, i.e. "caretaker of people".
- The logo symbolizes how LOKPAL protects and cares for the people of India by establishing justice as per law.

Question 71:

In which country has the World Anti-doping Agency recently imposed a 4-year ban?

Difficulty: Moderate Average Time: 60 Seconds

Options:

- 1. China
- 2. Russia
- 3. Brazil
- 4. Pakistan

Solution:

The correct answer is option 2 i.e Russia.

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- The World Anti-Doping Agency has imposed a four-year ban on Russia using its flag, anthem and team names at Olympic and other major sports events.
- The ban means Russia will be unable to formally compete in next summer's Olympics and Paralympics in Tokyo and the 2022 Winter Games in Beijing.

Question 72:

The Legislative Assembly of which state adopted a new logo on the 9th January 2020?

Difficulty: Moderate Average Time: 50 Seconds

Options:

- 1. Andhra Pradesh
- 2. Tripura
- 3. Arunachal Pradesh
- 4. Assam

Solution:

The correct answer is **option 3** i.e **Arunachal Pradesh.**

- The Arunachal Pradesh Legislative Assembly (APLA) adopted a new logo on 9 January. The logo reflects the distinct identity and culture of the state.
- The new logo consists of the national emblem and the state flower foxtail orchid, Rhynchostylis Retusa.

Question 73:

In which of the following is citric acid present?

Difficulty : Moderate Average Time : 47 Seconds

Options:

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Curd

- 2. Black Gram
- 3. Tamarind
- 4. Lemon

Solution:

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

- Citric acid is a weak organic acid that has the molecular formula C₆H₈O₇. It occurs naturally in citrus fruits.
- Example: Lemon, Mandarins, Grapefruits etc.

Question 74:

Which of the following years is called the Year of the Great Divide in the demographic history of India?

Difficulty: Moderate Average Time: 47 Seconds

Options:

- 1. 1951
- 2. 1911
- 3. 1921
- 4. 1931

Solution:

The correct answer is option 3 i.e 1921.

 The year 1921 is often referred to as the "Year of the Great Divide," the last period in which India's population declined, due to the effects of famine.

Question 75:

Jai Prakash Narayan Museum of Socialism is situated in:

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Difficulty: Moderate

Average Time: 42 Seconds

Options:

- 1. Vadodara
- 2. Amritsar
- 3. New Delhi
- 4. Lucknow

Solution:

The correct answer is option 4 i.e Lucknow.

- The JayaPrakash Narayan
 Interpretation Centre/ Museum of
 Socialism in Lucknow has been
 conceived to galvanise broader civic
 and cultural exchange through its public
 architecture.
- It is positioned on a site that offers the citizens of Lucknow, multiple choices of leisure, business, recreation and sports in the International Convention Centre.

Question 76:

Deficiency of which of the following vitamins causes Night Blindness?

Difficulty: Moderate Average Time: 49 Seconds

Options:

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

Solution:

The correct answer is option 1 i.e. Vitamin A.

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- Night blindness is a type of vision impairment also known as nyctalopia.
- People with night blindness experience poor vision at night or in dimly lit environments.
- People with vitamin A deficiency often suffer from night blindness.
- Vitamin A is needed for eye health and is essential for helping you process images.
- It plays a role in transforming nerve impulses into images in the retina.

Question 77:

What is the pass at the southern end of the Nilgiri hills called?

Difficulty : Moderate Average Time : 57 Seconds

Options:

- 1. Goran ghat pass
- 2. Malshej ghat pass
- 3. Chorla ghat pass
- 4. Palakkad gap

Solution:

The correct answer is option 4 i.e Palakkad gap.

- Palakkad Gap or Palghat Gap is a low mountain pass in the Western Ghats between Coimbatore in Tamil Nadu and Palakkad in Kerala.
- It has an average elevation of 140 metres with a width of 24–30 kilometres.
- The pass is located between the Nilgiri Hills to the north and Anaimalai Hills to the south.

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Question 78:

Name the Indian equestrian to qualify for the Tokyo Olympics officially after a wait/span of two decades.

Difficulty: Moderate Average Time: 55 Seconds

Options:

- 1. Fouaad Mirza
- 2. Bishal Singh
- 3. Ghulam Mohammed Khan
- 4. Raghubir Singh

Solution:

The correct answer is option 1 i.e Fouaad Mirza.

 Double Asian Games medallist equestrian Fouaad Mirza officially became the first Indian to qualify for the Tokyo Olympics, ending a wait spanning two decades in January 2020.

Question 79 :

are called the 'Powerhouses' of the cell.

Difficulty: Moderate Average Time: 44 Seconds

Options:

- 1. Pituitary glands
- 2. Lungs
- 3. Mitochondria
- 4. Arteries

Solution:

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

- Mitochondria are tiny organelles inside cells that are involved in releasing energy from food. This process is known as cellular respiration.
- It is for this reason that mitochondria are often referred to as the powerhouses of the cell.

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Question 80:

The wood of which of the following trees is used to make the large plucked string instrument used in Carnatic classical music known as Bobbili Veena / Saraswathi Veena?

Difficulty : Moderate Average Time : 47 Seconds

Options:

- 1. Sandal wood
- 2. Walnut wood
- 3. Teak wood
- 4. Jackfruit wood

Solution:

The correct answer is option 4 i.e Jackfruit wood.

 Bobbili veena, also known as Saraswathi Veena or the Ekanda Veena, is a large plucked string instrument used in Carnatic classical music. It is carved from a single piece of Jackwood. Jackwood is a rainforest tree.

Question 81:

In which year was the first Round Table Conference held in London?

Difficulty: Moderate Average Time: 47 Seconds

Options:

- 1. 1919
- 2. 1907
- 3. 1930
- 4. 1923

Solution:

The correct answer is option 3 i.e 1930.

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- The first Round Table Conference convened from 12 November 1930 to 19 January 1931.
- The Round Table Conference officially inaugurated by His Majesty George V in the Royal Gallery House of Lords in London and chaired by the Prime Minister.

Question 82:

The length, breadth and height of a cuboidal box are in the ratio 7 : 5 : 3 and its whole surface area is 27832 cm2. its volume is:

Difficulty : Moderate

Average Time: 48 Seconds

Options:

1. 288100 cm³

2. 280120 cm³

3. 208120 cm³

4. 288120 cm³

Solution:

The correct answer is option 4 i.e 288120 cm²

Let the sides of the cuboid be 7x, 5x & 3x.

The surface area of the cuboid = 2[lb + bh + hl]

$$A = 2[7x \times 5x + 5x \times 3x + 7x \times 3x]$$

$$27832 = 2[35x^2 + 15x^2 + 21x^2]$$

$$142x = 27832$$

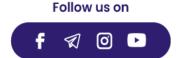
$$x^2 = 196$$

x = 14 cm

The sides of the cuboid will be 98cm, 70cm & 42cm

The volume of the cube = lbh

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 $V = 98 \times 70 \times 42$

 $V = 288.120 \text{ cm}^3$

Question 83:

In the right triangle shown in the figure, what is the value of Cosec?

Difficulty: Moderate Average Time: 63 Seconds

Options:

1. 5/11

2. 5/13

3. 12/13

4. 13/5

Solution:

The correct answer is option 4 i.e 13/5

Understanding	Application
	Perpendicular = 5 cm
The side facing the angle is called the	Hypotenuse = 13 cm
perpendicular in the	Cosec =
right-angled triangle.	hypotenuse /
	perpendicular
	Cosec = 13 / 5

Question 84:

The following table represents the number of candidates that appeared and qualified in a competitive examination from different states over five years. Study the table and answer the question that follow. State Year 1997 1998 1999 2000 2001 Appeared Qualified Appeared Qualified Appeared Qualified Appeared Qualified M 5200 720 8500 980 7400 850 6800 775 9500 1125 N 7500 840 9200 1050 8450 920 9200 980 8800 1020 P 6400 780 8800 1020 7800 890 8750 1010 9750 1250 Q 8100 950 9500 1240 8700 980 9700 1200 8950 995 The total number of candidates that qualified from all the states together in 1998 is approximate what percentage of the total number of candidates that qualified from all the states together in 2001? (Correct to Two decimal points)

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Difficulty: Moderate

Average Time: 73 Seconds

Options:

- 1. 96.70%
- 2. 90.72%
- 3. 94.7%
- 4. 97.72%

Solution:

The correct answer is option 4 i.e 97.72%

The total number of candidates that qualified from all the states together in 1998 = 980 + 1050 + 1020 + 1240

4290

The total number of candidates that qualified from all the states together in 2001 = 1125 + 1020 + 1250 + 995

4390

Required percentage = $(4290 / 4490) \times 100$

97.72%

Question 85:

6Tan - 53Sec + 12Cot = 0, 00 900, then the value of (Cosec + Sec) is:

Difficulty: Moderate Average Time: 44 Seconds

Options:

- 1. (3 + 2(3))/2
- 2. 2(3 + 2(3))/3
- $3. \ 2/3(3 + (3))$
- 4. 3 + (3)/2

Solution:

The correct answer is option 3 i.e 2/3(3 + (3))

6Tan - 53Sec + 12Cot = 0

6(Sin / Cos) - 53(1 / Cos) + 12(Cos / Sin) = 0

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$$6(Sin / Cos) + 12(Cos / Sin) = 53(1 / Cos)$$

$$(6 + 6\cos^2) / \sin \cos = 53 / \cos$$

$$12 - 6\sin^2 - 53\sin = 0$$

$$(Sin - (3) / 2)(Sin + 4(3) / 3)$$

$$Sin = -4(3) / 3$$
 is not possible.

$$=60^{\circ}$$

$$(2/3) + 2$$

$$(2 + 23) / 3$$

$$2/3(3+(3)$$

Question 86:

The average age of A, B, and C is 20 years, and that of B and C is 25 years. What is the age of A?

 ${\bf Difficulty: Moderate}$

Average Time: 70 Seconds

Options:

- 1. 15 years
- 2. 25 years
- 3. 10 years
- 4. 20 years

Solution:

The correct answer is option 3 i.e 10 years

The average age of A, B & C is 20 years.

$$(A + B + C) / 3 = 20$$

$$A + B + C = 60 \dots (1)$$

The average age of B & C is 25 years.

(B + C) / 2 = 25

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B + C = 50 ...(2)

Subtracting (2) from (1)

A + B + C - (B + C) = 60 - 50

A = 10 years

Question 87:

The following table represents the number of candidates that appeared and qualified in a competitive examination from different states over five years. Study the table and answer the questions that follow. State Year 1997 1998 1999 2000 2001 Appeared Qualified Appeared Qualified Appeared Qualified Appeared Qualified Appeared Qualified M 5200 720 8500 980 7400 850 6800 775 9500 1125 N 7500 840 9200 1050 8450 920 9200 980 8800 1020 P 6400 780 8800 1020 7800 890 8750 1010 9750 1250 Q 8100 950 9500 1240 8700 980 9700 1200 8950 995 What was the total number of candidates appearing from all the states in the years 1997?

Difficulty: Moderate Average Time: 65 Seconds

Options:

1. 27,200

2. 72,200

3. 27,000

4. 22,700

Solution:

The correct answer is option 1 i.e 27,200

The total number of candidates appearing from all the states in the years 1997 = 5200 + 7500 + 6400 + 8100

27200

Question 88:

The single discount equivalent to two successive discounts of 20% and 15% is:

Difficulty: Moderate Average Time: 34 Seconds

Options:

1. 22%

2. 28%

3. 30%

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32%

Solution:

The correct answer is option 4 i.e 32%

Understanding	Application
The successive discount = a + b - ab /	a = 20%, b = 15% Successive discount = $20 + 15 - (20 \times 15)$
Where a, b are the successive discounts.	/ 100 35 - 3
added to the discount of	32%

Question 89:

Ram makes a profit of 30% by selling an article. What would be the profit percent if it were calculated on the selling price instead of the cost price? (correct to one decimal place).

Difficulty: Moderate Average Time: 51 Seconds

Options:

- 1. 24.2%
- 2. 22.4%
- 3. 20.1%
- 4. 23.1%

Solution:

The correct answer is option 4 i.e 23.1%

Understanding Application

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In the denominator, we can see the cost price because in general, we calculate the profit on the cost price.

Let the price of an article be 100

Profit = [(Selling price - Cost price) / Cost price] × 100 30 / 100 = (SP - 100) / 100

SP = 130

When we calculate on selling price.

Profit% = (130 - 100) / 130

 $Profit = (3 / 13) \times 100$

Profit = 23.1%

Question 90:

The following table represents the number of candidates that appeared and qualified in a competitive examination from different states over five years. Study the table and answer the question that follow. State Year 1997 1998 1999 2000 2001 Appeared Qualified Appeared Qualified Appeared Qualified Appeared Qualified Appeared Qualified M 5200 720 8500 980 7400 850 6800 775 9500 1125 N 7500 840 9200 1050 8450 920 9200 980 8800 1020 P 6400 780 8800 1020 7800 890 8750 1010 9750 1250 Q 8100 950 9500 1240 8700 980 9700 1200 8950 995 What is the average number of candidates that appeared from state Q during the given years?

Difficulty: Moderate Average Time: 69 Seconds

Options:

1. 8980

2. 8880

3. 9000

4. 8990

Solution:

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The correct answer is option 4 i.e 8990

The sum of candidates that appeared from state Q during the given years = 8100 + 9500 + 8700 + 9700 + 8950

44950

Average = Sum of observations / Number of observations

Average = 44950 / 5

8990

Question 91:

What is the area of a sector of a circle of radius 14 cm and central angle 45? (Take = 22/7)

Difficulty : Moderate Average Time : 40 Seconds

Options:

1. 77 cm²

2. 70 cm²

3. 11 cm²

4. 67 cm²

Solution:

The correct answer is **option 1** i.e **77** cm²

The area of a sector of a circle = (/360)r²

$$=45^{\circ}$$
, r = 14cm

$$A = (/360)r^2$$

$$A = (45 / 360) \times (22 / 7) \times 14^{2}$$

$$A = (1 / 8) \times 28 \times 22$$

 $A = 77 cm^2$

Question 92:

The following table represents the number of candidates that appeared and qualified in a competitive examination from different states over five years. Study the table and answer the question that follow. State Year 1997 1998 1999 2000 2001 Appeared Qualified Appeared Qualified Appeared Qualified Appeared Qualified Appeared Qualified M 5200 720 8500 980 7400 850 6800 775 9500 1125 N 7500 840 9200 1050 8450 920 9200 980 8800 1020 P 6400 780 8800 1020 7800 890 8750 1010 9750 1250 Q 8100 950 9500 1240 8700 980 9700 1200 8950 995 What is the difference between the

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number of candidates qualifying in the year 1998, in the states M and P?

Difficulty: Moderate Average Time: 93 Seconds

Options:

1. 60

2. 50

3. 44

4. 40

Solution:

The correct answer is option 4 i.e 40

The number of candidates qualifying in the year 1998 in the states M = 980

The number of candidates qualifying in the year 1998 in the states P = 1020

Difference = 1020 - 980

40

Question 93:

Expand: (4a + 3b + 2c)2

Difficulty: Moderate Average Time: 38 Seconds

Options:

1. $16a^2 + 9b^2 + 4c^2 + 24ab + 12bc + 16ca$

2. $16a^2 + 9b^2 - 4c^2 - 24ab - 12bc - 16ca$

3. $16a^2 - 9b^2 + 4c^2 - 24ab + 12bc - 16ca$

4. $4a^2 + 3b^2 + 2c^2 + 24ab + 12bc + 16ca$

Solution:

The correct answer is option 1 i.e $16a^2 + 9b^2 + 4c^2 + 24ab + 12bc + 16ca$

 $(4a + 3b + 2c)^2$

Let x = 4a + 3b & y = 2c

 $(x + y)^2 = x^2 + 2xy + y^2$

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$$(4a + 3b + 2c)^2 = (4a + 3b)^2 + (2c)^2 + 2(4a + 3b)(2c)$$

 $(4a + 3b + 2c)^2 = 16a^2 + 24ab + 9b^2 + 4c^2 + 16ac + 12bc$

Question 94:

If A + B = 12 and AB = 17, what is the value of A3 + B3?

Difficulty: Moderate Average Time: 76 Seconds

Options:

- 1. 1166
- 2. 1106
- 3. 1213
- 4. 1116

Solution:

The correct answer is option 4 i.e 1116

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

$$A + B = 12 & AB = 17$$

$$A^3 + B^3 = (12)^3 - 3(17)(12)$$

$$A^3 + B^3 = 1728 - 612$$

$$A^3 + B^3 = 1116$$

Question 95:

Triangle PDC is drawn inside the square ABCD of side 24 cm where P lies on AB. What is the area of the triangle?

Difficulty : Moderate Average Time : 51 Seconds

Options:

- 1. 280 cm²
- 2. 288 cm²
- 3. 298 cm²
- 4. 200 cm²

Solution:

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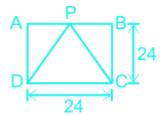








The correct answer is option 2 i.e 288 cm²



The area of the triangle = $(1/2) \times \text{base} \times \text{height}$

 $(1/2) \times 24 \times 24$

 288 cm^2

Question 96:

In the figure, PA Is a tangent from an external point P to the circle with centre O. If POB = 1100, then the measure of APO is:

Difficulty: Moderate

Average Time: 52 Seconds

Options:

1. 25°

2. 30°

3. 40°

4. 20°

Solution:

The correct answer is option 4 i.e 20°

Understanding	Application
An exterior angle of a triangle is equal to the sum of the two opposite interior angles. A radius that connects to the tangent forms 90 degrees. PAO = 90°	$POB = APO$ $+ PAO$ $110^{\circ} =$ $APO + 90^{\circ}$ $APO = 20^{\circ}$

Question 97:

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Ravi scores 72% marks in examinations. If these are 360 marks, then the maximum marks are:

Difficulty : Moderate Average Time : 75 Seconds

Options:

- 1. 500
- 2. 350
- 3. 400
- 4. 450

Solution:

The correct answer is option 1 i.e 500

The score of Ravi = 360 marks = 72%

72% = 360

1% = 360 / 72

 $100\% = (360 / 72) \times 100$

500

Question 98:

Ram and Shyam can complete a task in days and 15 days, respectively. They work together for 4 days, and then ram leaves. In how many days after Ram leaves, will Shyam complete the remaining task alone?

Difficulty: Moderate Average Time: 42 Seconds

Options:

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

Solution:

The correct answer is option 3 i.e 2 days

Let the number of units of work be 60.

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The number of units works done by Ram = 60 / (20 / 3)

9 units

The number of units works done by Shyam = 60 / 15

4 units

The number of units works completed in 4 days = $4 \times (4 + 9)$

 $4 \times 13 = 52$ units

Rest work = 60 - 52 = 8units

Shyam will take number of days = 8 / 4 = 2days

Question 99:

X and Y are two stations that are 280 km apart. A train starts at a certain time from X and travels towards Y at 60 km/h. After 2 hours, another train starts from Y and travels towards X at 20 km/h. After how many hours does the train leaving from X meet the train which left from Y?

Difficulty: Moderate

Average Time: 68 Seconds

Options:

- 1. 4 hours
- 2. 3 hours
- 3. 6 hours
- 4. 2 hours

Solution:

The correct answer is option 1 i.e 4 hours

Total distance = 280 किमी

Train from X covers a distance = 60×2

120 km

The rest distance = 280 - 120 = 160 km

The speed of the train from station Y = 20 kmph

The relative speed of both the train combined = 60 + 20

80 kmph

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Time = distance / speed

Time = 160 / 80

2 hours

Total time = 2 + 2 = 4 hours

Question 100:

(3a - 4b)3 is equal to:

Difficulty: Moderate

Average Time: 49 Seconds

Options:

1.
$$27a^3 - 64b^3$$

2.
$$9a^2 - 24ab + 16b^2$$

3.
$$27a^3 - 64b^3 - 108a^2b + 144ab^2$$

4. $9a^2 - 16b^2$

Solution:

The correct answer is **option 3** i.e $27a^3 - 64b^3 - 108a^2b + 144ab^2$

(3a - 4b)³

By the expansion of $(x - y)^3 = x^3 - y^3 - 3xy(x - y)$

By putting x = 3a & y = 4b

 $(3a)^3 - (4b)^3 - 3(3a)(4b)(3a - 4b)$

27a³ - 64b³ - 36ab(3a - 4b)

 $27a^3 - 64b^3 - 108a^2b + 144ab^2$

Ssc Cgl Tier I Previous Year Question Paper Analysis

The analysis of Ssc Cgl Tier I Previous Year Question Paper held on 2020-03-09 in the Morning exam is as follows:

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

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questions were asked from General Awareness and 25 questions were asked from English Language

4. 22 questions should have been skipped if you were short of time.

Ssc Cgl Tier I Previous Year Question Paper Topic Wise Weightage

Logical Reasoning

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

Quantitative Aptitude

- 1. Geometry 2
- 2. Data Sufficiency 23

General Awareness

- 1. History 4
- 2. Polity 1
- 3. Economics 2
- 4. Science 5
- 5. Geography 2
- 6. GK Misc 3
- 7. Current Affairs 8

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English Language

- 1. Cloze Test 10
- 2. Spotting Error 2
- 3. Parajumbles 2
- 4. Idioms 1
- 5. One Word Substitution 2
- 6. Voice 1
- 7. Synonym 1
- 8. Antonym 2
- 9. Filler (Vocab) 2
- 10. Incorrectly Spelt 2
- 11. Incorrectly Spelt 2

Ssc Cgl Tier I Previous Year Question Paper Tips and Tricks



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

Daily Current Affairs

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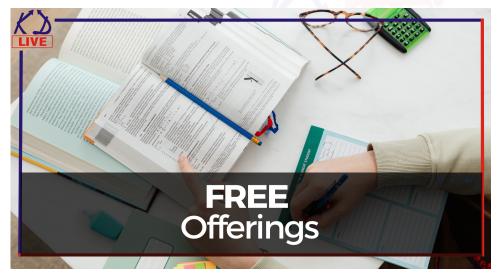






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Admit Card

Exam Results

Exam Cutoff

Exam Eligibility

Exam Pattern

Answer Key

Important Days



Further Guidance on Ssc Cgl Tier I Previous Year Question Paper

For Asking any query on Ssc Cgl Tier I Previous Year Question Paper please mail Send Email or you can fill the form at KD Live.

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About Neetu Mam

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

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