Ssc Cgl Tier I Previous Year Question Paper Overview

Here, you can solve all the questions asked in Ssc Cgl Tier I Previous Year Question Paper on 2021-08-24 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

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 1 :
Select the option that is related to the third word in the same way as the second word is related to the first word. Libya: Tripoli:: Ireland:?

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

Options :

1. Mascow

2. Dublin

3. Oslo

4. Madrid

Solution :
The correct answer is **option 2** i.e. **Dublin.**

The logic used here is:

Libya: Tripoli

Tripoli is the capital city of Libya.

Similarly,

Ireland:?

Dublin is the capital city of Ireland.

Hence, **option 2** is 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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.
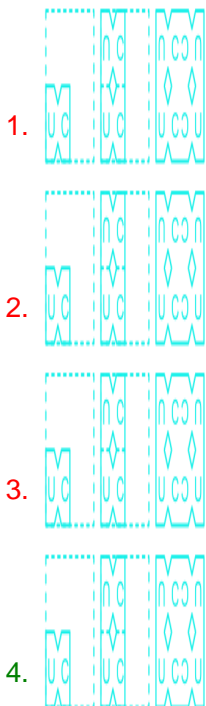
Question 2 :
Select the figure from among the given options that can replace the question mark (?) in the following series.

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

Options :

1.

2.

3.

4.

Solution :

The correct answer is **option 4**

The logic used here is:

1. The figure at the centre of the square alternately rotates by 90 degrees and 180 degrees in the anticlockwise direction.

2. The figure at the top, left, and the bottom is rotating by 180 degrees, and the figure on the right side is the same in figure 2.

3. The figure at the right, and the bottom is rotating by 180 degrees, and the figure on the top, and the left side is the same in figure 3.

4. The figure at the top, left, and right is rotating by 180 degrees, and the figure on the bottom side is the same in figure 4.

5. The figure on the left, and the bottom is rotating by 180 degrees, and the figure on the top, and the right side is the same in figure 5.

6. The figure at the top, right, and bottom is rotating by 180 degrees, and the figure on the left side is the same in figure 6.

The series of figures:

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 3 :
Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series. d q _ p l n _ q t _ l n d _ t p l _ d q _ p _ n

Difficulty : Moderate

Average Time : 133 Seconds

Options :

STUDY CONTENTS THAT GET YOU SELECTED

5 LAKH+ STUDENTS
Already enrolled with our
selection focused courses.

30+ EXPERT INSTRUCTORS
Our instructors are the best
In the industry

10000+ HOURS OF VIDEOS
All videos are well-explained for you
to get every bit out of the videos

FREE PDF

    t, d, p, q, n, t, l

2. t, p, d, q, l, n, t

3. d, l, n, p, q, t, t

4. t, t, q, p, n, l, d

Solution :

The correct answer is **option 1** i.e. **t, d, p, q, n, t, l.**

The sequence is – t, d, p, q, n, t, l

Given sequence: d q _ p l n _ q t _ l n d _ t p l _ d q _ p _ n

Option 1: t, d, p, q, n, t, l

d q **t** p l n / **d** q t **p** l n / d **q** t p l **n** / d q **t** p **l** n

Option 1 forms a particular pattern. So, there is no need for checking further options.

Hence, **option 1** is 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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 4 :

Study the given pattern carefully and select the number that can replace the question mark (?) in it. 23 32 16 3 4 5 72 132 ?

Difficulty : Moderate

Average Time : 88 Seconds

Options :

1. 85

2. 80

3. 88

4. 162

Solution :

The correct answer is **option 1** i.e. **85.**

The logic used here is:

Column 1:

23 × 3 + 3 = 69 + 3 = 72

Column 2:

32 × 4 + 4 = 128 + 4 = 132

Column 3:

16 × 5 + 5 = 85

Hence, **option 1** is 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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 5 :
Select the option that is related to the fourth number in the same way as the first number is related to the second number. 21: 693::?: 792

Difficulty : Moderate   **Average Time : 60 Seconds**

Options :
1. 36
2. 26
3. 24
4. 22

Solution :
The correct answer is **option 3** i.e. **24**

The logic used here is:

21: 693

693 ÷ 33 = 21

Similarly,

?: 792

792 ÷ 33 = 24

Hence, **option 3** is 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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 6 :
In a certain code language, 'MONTHLY' is written as 'DGMOSJR'. How will 'HEADING' be written in that language?

Difficulty : Moderate   **Average Time : 57 Seconds**

Options :

1. MJNZEXN

2. MNJEZNX

3. LINYFZM

4. LIYNZFM

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

The logic used here is:

'MONTHLY' is written as 'DGMOSJR'

First, reverse the given code.

MONTHLY = RJSOMGD

M + 5 = R

O - 5 = J

N + 5 = S

T - 5 = O

STUDY CONTENTS THAT GET YOU SELECTED

5 LAKH+ STUDENTS
Already enrolled with our
selection focused courses.

30+ EXPERT INSTRUCTORS
Our instructors are the best
In the industry

10000+ HOURS OF VIDEOS
All videos are well-explained for you
to get every bit out of the videos

FREE PDF

H + 5 = M

L - 5 = G

Y + 5 = D

Similarly,

Code for the word HEADING:

H + 5 = M

E - 5 = Z

A + 5 = F

D - 5 = Y

I + 5 = N

N - 5 = I

G + 5 = L

HEADING = LINYFZM

Hence, **option 3** is 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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 7 :
Four number-pairs have been given, of which three are alike and one is different. Select the number pair that is different.

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

Options :

1. 8: 34

2. 5: 24

3. 6: 26

4. 7: 30

Solution :

The correct answer is **option 2** i.e. **5: 24.**

The logic used here is:

1st number × 4 + 2 = 2nd number

Option 1: 8: 34

8 × 4 + 2 = 32 + 2 = 34

This follows the logic.

Option 2: 5: 24

5 × 4 + 2 = 20 + 2 = 22

This does not follow the logic.

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

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 8 :

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

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

Options :

1. Taunt

2. Snub

3. Regard

4. Abuse

Solution :

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

The logic used here is:

Taunt means a remark made in order to anger, wound, or provoke someone.

Snub means rebuff, ignore, or spurn disdainfully.

Regard means to consider or think of in a specified way.

Abuse means misuse.

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

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 9 :
Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the equation.
512 * 32 * 9 * 100 * 6 * 25 * 2

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

Options :
1. ÷, ×, +, =, , ×
2. ÷, ×, +, , =, ×
3. ÷, ×, , +, =, ×
4. +, ×, ÷, =, , ×

Solution :
The correct answer is **option 3** i.e. ÷, ×, , +, =, ×.

Given equation: 512 * 32 * 9 * 100 * 6 * 25 * 2

Let us check all the options:

Option 1: ÷, ×, +, =, , ×

The expression becomes:

$= 512 \div 32 \times 9 + 100 = 6 - 25 \times 2$

= 244 is not equal to -44.

Option 2: ÷, ×, +, , =, ×

= 512 ÷ 32 × 9 + 100 - 6 = 25 × 2

= 238 is equal to 50.

Option 3: ÷, ×, , +, =, ×

= 512 ÷ 32 × 9 - 100 + 6 = 25 × 2

= 50 is not equal to 50.

Hence, **option 3** is 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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.
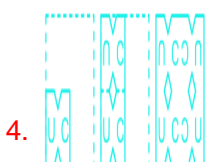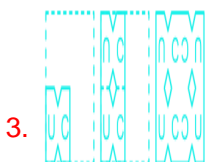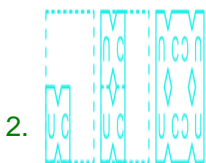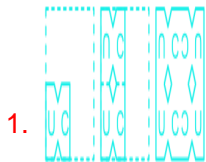
Question 10 :
Select the Venn diagram that best illustrates the relationship between the following classes. Men, Lyricists, Extroverts

Difficulty : Moderate   Average Time : 80 Seconds

Options :

1.

2.

3.

4.

Solution :

The correct answer is **option 2** .

The possible Venn diagram is:

Some men are lyricists, and some men are extroverts.

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

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 11 :
The income of three playback singers Aswath, Sunita, and Ramdin are in the ratio of 12: 9: 7 and their expenditures are in the ratio of 15: 9: 8. If Aswath saves 25% of his income, what is the ratio of the savings of Aswath, Sunita, and Ramdin?

Difficulty : Moderate   **Average Time : 94 Seconds**

Options :

1. 23: 18: 11

2. 25: 16: 13

3. 15: 18: 11

4. 5: 8: 7

Solution :

The correct answer is **option 3** i.e. **15: 18: 11.**

Income ratio = 12x: 9x: 7x

Expenditure ratio = 15y: 9y: 8y

Savings ratio = (12x - 15y): (9x - 9y): (7x - 8y)

According to the question;

Aswath saves 25% of his income.

So, (12x - 15y) = 25% of 12x

12x - 15y = 3x

9x = 15y

x / y = 15 / 9

Thus, x = 15, y = 9

Saving of Aswath = (12x - 15y) = (12 × 15 - 15 × 9) = (180 - 135) = 45

Saving of Sunita = (9x - 9y) = (9 × 15 - 9 × 9) = (135 - 81) = 54

Saving of Ramdin = (7x - 8y) = (7 × 15 - 8 × 9) = (105 - 72) = 33

Ratio of savings of Aswath: Sunita: Ramdin = 45: 54: 33 = 15: 18: 11

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 12 :
Select the letter cluster from among the given options that can replace the question mark (?) in the following series. CLAP, HLVP, HQVK, MQQK,?

Difficulty : Moderate

Average Time : 82 Seconds

Options :
1. MLQP
2. RQLK
3. HQVK
4. MVQF

Solution :

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

Given series: CLAP, HLVP, HQVK, MQQK,?

The series follows the pattern:

CLAP, HLVP, HQVK, MQQK

C + 5 = H, L = L, A - 5 = V, P = P

H = H, L + 5 = Q, V = V, P - 5 = K

H + 5 = M, Q = Q, V - 5 = Q, K = K

Similarly;

MQQK,?

M = M, Q + 5 = V, Q = Q, K - 5 = F

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

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 13 :
Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follows from the statements. Statements: All lemons are plums. All plums are dates. Some dates are mangoes. Conclusions: I. Some lemons are mangoes. II. Some mangoes are plums. III. All lemons are dates. IV. Some mangoes are dates.

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

Options :
  1. Both conclusions III and IV follow
  2. Only conclusions II and III follow
  3. Only conclusions I and II follow
  4. Only conclusions I and IV follow

Solution :

The correct answer is **option 1** i.e. **Both conclusions III and IV follow.**

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

Conclusions:

I. Some lemons are mangoes **False** (It is possible, but no definite conclusion can be drawn).

II. Some mangoes are plums **False** (It is possible, but no definite conclusion can be drawn).

III. All lemons are dates **True** (As all lemons are plums, all plums are dates, so, all lemons are dates).

IV. Some mangoes are dates **True** (As some dates are mangoes, so, some mangoes are also dates).

Hence, **Both conclusions III and IV follow.**

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 14 :
Three different positions of the same dice are shown, the faces of which are marked with the letter L, M, N, O, P and Q. Select the letter that will be on the face opposite to the face having the letter 'M'.

Difficulty : Moderate   Average Time : 104 Seconds

Options :
1. P
2. Q
3. L
4. N

Solution :

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

In dice 1 and 2, Q is common. So, start rotating either in the clockwise or anticlockwise direction.

Clockwise direction:

Dice 1: Q M O

Dice 2: Q P L

So, M is opposite to P.

Anticlockwise direction:

Dice 1: Q O M

Dice 2: Q L P

So, M is opposite to P.

Hence, **option 1** is 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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 15 :
Pointing to a girl in a college poster, Deepika said, "She is my mother-in-law's only son's niece". How is that girl's mother related to Deepika?

Difficulty : Moderate

Average Time : 75 Seconds

Options :
1. Sister
2. Sister-in-law
3. Daughter-in-law
4. Cousin

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

In the diagram shown;

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

From the above figure, the girl's mother is the sister-in-law of Deepika.

Hence, **option 2** is 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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 16 :
Study the given pattern carefully and select the number that can replace the question mark (?) in it. 45 9 3 122 10 12 116 6 ?

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

Options :
 1. 12
 2. 16
 3. 10
 4. 14

Solution :
The correct answer is **option 4** i.e. **14.**

The logic used here is:

Row 1:

$(9^2 + 3^2) \div 2 = (81 + 9) \div 2 = 90 \div 2 = 45$

Row 2:

$(10^2 + 12^2) \div 2 = (100 + 144) \div 2 = 244 \div 2 = 122$

Row 1:

$(6^2 + x^2) \div 2 = (36 + x^2) \div 2 = 116$

x = 14

Hence, **option 4** is 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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 17 :
Find the number of triangles in the given figures.

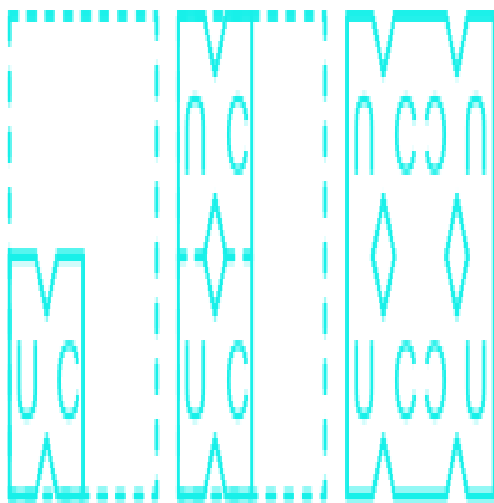**Difficulty : Moderate**   **Average Time : 63 Seconds**

Options :

1. 17

2. 13

3. 19

4. 15

Solution :
The correct answer is **option 3** i.e. **19.**

19 triangles: ABC, ACD, ABD, AEL, AKL, EFL, KLJ, FLG, LJI, GLH, LIH, ALF, ALJ, AFJ, AFH, AJH, FLH, JLH, FHJ.

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 18 :
Select the options figure in which the given figure is embedded (rotation is NOT allowed).
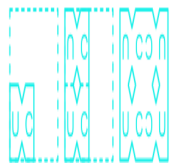
Difficulty : Moderate
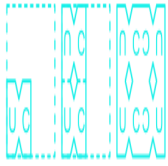
Average Time : 58 Seconds

Options :

1.

2.

3.

4.

Solution :

The correct answer is **option 3** .

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

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 19 :

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

Difficulty : Moderate   **Average Time : 83 Seconds**

Options :

1. Ring: Boxing

2. Judo: Arena

3. Cycling: Velodrome

4. Baseball: Rink

Solution :

The correct answer is **option 3** i.e. **Cycling: Velodrome**

The logic used here is:

Golf: Course

Golf is played on a course.

Similarly,

Cycling: Velodrome

Cycling is done on tracks called a velodrome.

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

Comprehension :

and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 20 :

In a certain code language, 'LABOUR' is coded as '279', and 'EXHALE' is coded as '321'. How will 'CAUTIOUS' be coded in that language?

Difficulty : Moderate

Average Time : 64 Seconds

Options :

1. 535
2. 525
3. 553
4. 552

Solution :

The correct answer is **option 1** i.e. **535.**

The logic used here is:

'LABOUR' is coded as '279'

Opposite of L = O = 15

Opposite of A = Z = 26

Opposite of B = Y = 25

Opposite of O = L = 12

Opposite of U= F = 6

Opposite of R = I = 9

LABOUR = 15 + 26 + 25 + 12 + 6 + 9 = 93 × Number of vowels = 93 × 3 = 279

Similarly,

Code for the word CAUTIOUS:

Opposite of C = X = 24

Opposite of A = Z = 26

Opposite of U = F = 6

Opposite of T = G = 7

Opposite of I = R = 18

Opposite of O = L = 12

Opposite of U = F = 6

Opposite of S = H = 8

LABOUR = 24 + 26 + 6 + 7 + 18 + 12 + 6 + 8 = 107 × Number of vowels = 107 × 5 = 535

Hence, **option 1** is 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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 21 :
Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown.

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

Options :

1.
2.
3.
4.

Solution :
The correct answer is **option 1** . .

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.

STUDY CONTENTS THAT GET YOU SELECTED

5 LAKH+ STUDENTS
Already enrolled with our
selection focused courses.

30+ EXPERT INSTRUCTORS
Our instructors are the best
In the industry

10000+ HOURS OF VIDEOS
All videos are well-explained for you
to get every bit out of the videos

FREE PDF

Hence, **option 1** is 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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 22 :

The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?
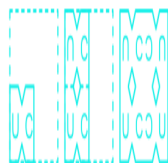
Difficulty : Moderate   **Average Time : 97 Seconds**

Options :

1.

2.

3.

4.

Solution :

The correct answer is **option 4** .

After unfolding, the paper will appear as follows:

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 23 :

Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary. 1. Publicity 2. Precision 3. Puberty 4. Pneumonia 5. Perturb

Difficulty : Moderate   **Average Time : 84 Seconds**

Options :

1. 5, 3, 2, 4, 1

2. 5, 4, 2, 1, 3

3. 5, 4, 2, 3, 1

4. 5, 2, 4, 1, 3

Solution :

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

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

So the arrangement is;

1. Perturb

2. Pneumonia

3. Precision

4. Puberty

5. Publicity

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 24 :
Select the number from among the given options that can replace the question mark (?) in the following series. 68, 3, 63, 3, 57, 9, 50, 15, 42, 33, 33,?

Difficulty : Moderate

Average Time : 59 Seconds

Options :

1. 63

2. 66

3. 33

4. 36

Solution :

The correct answer is **option 1** i.e. **63.**

Given series: 68, 3, 63, 3, 57, 9, 50, 15, 42, 33, 33,?

The series follows the pattern:

68 - 5 = 63

$3 \times 2 - 3 = 3$

63 - 6 = 57

$3 \times 2 + 3 = 9$

57 - 7 = 50

$9 \times 2 - 3 = 15$

50 - 8 = 42

$15 \times 2 + 3 = 33$

42 - 9 = 33

$33 \times 2 - 3 = 63$

So, the next term in the series is **63.**

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 25 :

Four letter clusters have been given, of which three are alike and one is different. Select the letter cluster that is different.

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

Options :

1. GKPV

2. NRIP

3. RVEK

4. CGTZ

Solution :

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

The logic used here is:

1st letter + 4 = 2nd letter

Opposite of 2nd letter = 3rd letter

3rd letter + 6 = 4th letter

Option 1: GKPV

G + 4 = K

Opposite of K = P

P + 6 = V

This follows the logic.

Option 2: NRIP

N + 4 = R

Opposite of R = I

I + 6 = O

This does not follow the logic.

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

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 26 :
Which of the following pairs of cities became a part of UNESCO's Creative Cities Network in 2019?

Difficulty : Moderate   **Average Time : 75 Seconds**

Options :
1. Jaipur and Delhi

2. Mumbai and Hyderabad

3. Kolkata and Ujjain

4. Chennai and Varanasi

Solution :
The correct answer is **option 2** i.e. **Mumbai and Hyderabad**

- **United Nations Educational, Scientific and Cultural Organization (UNESCO) has included Mumbai and Hyderabad in its network of 'Creative Cities' among the 66 cities selected on the occasion of World Cities Day 2019 (31st October).**
- **The UNESCO Creative Cities Network counts a total of 246 cities with the addition of 66 new cities.**
- Mumbai has been designated as Creative City of Films and Hyderabad as a Creative City of Gastronomy.
- **Earlier, Indian cities like Chennai and Varanasi have been included in UNESCO Cities of Music while Jaipur has been included in the City of Crafts and Folk Arts**.â€‹

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. John was an artist (1)_____ profession. He was very (2)_____ at his work

STUDY CONTENTS THAT GET YOU SELECTED

5 LAKH+ STUDENTS
Already enrolled with our
selection focused courses.

30+ EXPERT INSTRUCTORS
Our instructors are the best
In the industry

10000+ HOURS OF VIDEOS
All videos are well-explained for you
to get every bit out of the videos

FREE PDF

and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 27 :

In which of the following years did the Kakori Conspiracy case take place?

Difficulty : Moderate

Average Time : 80 Seconds

Options :

1. 1932
2. 1925
3. 1919
4. 1909

Solution :

The correct answer is **option 2** i.e. **1925**

- Kakori Conspiracy which is also called Kakori Conspiracy Case or Kakori Train Robbery.
- It took place on **August 9, 1925.**
- It took place in what is now central Uttar Pradesh state, north-central India.

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 28 :

Who among the following was appointed as the Chairman of Telecom Equipment and Services Export Promotion Council (TEPC) in January 2021?

Difficulty : Moderate

Average Time : 60 Seconds

Options :

1. Shyamal Ghosh
2. Sandeep Aggarwal
3. Sukhbir Singh Sandhu
4. S Muralidhar

Solution :

The correct answer is **option 2** i.e. **Sandeep Aggarwal**

- Sandeep Aggarwal has been appointed as the new Chairman of the Telecom Equipment and Services Export Promotion Council (TEPC).
- He is the MD of Paramount Communications Ltd., a cable manufacturer.

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 29 :

In which of the following years was the first rocket launched in India?

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

Options :

1. 1963
2. 1977
3. 1948
4. 1973

Solution :

The correct answer is **option 1** i.e. **1963**

- India's first rocket launch took place in 1963.
- The land which now houses India's famed Vikram Sarabhai Space Centre.
- Indians watched their first rocket head for space through this centre.

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 30 :

Who among the following was appointed as the Managing Director of Life Insurance Corporation in February 2021?

STUDY CONTENTS THAT GET YOU SELECTED

5 LAKH+ STUDENTS
Already enrolled with our
selection focused courses.

30+ EXPERT INSTRUCTORS
Our instructors are the best
In the industry

10000+ HOURS OF VIDEOS
All videos are well-explained for you
to get every bit out of the videos

FREE PDF

Difficulty : Moderate

Average Time : 57 Seconds

Options :

1. TC Susheel Kumar

2. Rajeev Arora

3. Pankaj Jain

4. Siddhartha Mohanty

Solution :

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

- **The Appointments Committee of the Cabinet (ACC) approved the appointment of Siddhartha Mohanty as the new Managing Director of the Life Insurance Corporation (LIC) of India.**
- He is currently serving as the Managing director (MD) and chief executive officer (CEO) of LIC Housing Finance. Siddhartha Mohanty replaced TC Suseel Kumar, who retired on January 31, 2021.
- LIC has four Managing Directors and one Chairman.

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 31 :

Which phenomenon deals with the scattering of light by molecules of a medium when they are excited to vibrational energy levels?

Difficulty : Moderate

Average Time : 72 Seconds

Options :

1. Rayleigh Effect

2. Huygens Effect

3. Raman Effect

4. Maxwell Effect

Solution :

Follow us on

Address : 1997, Mukherjee Nagar, 110009
Email : online@kdcampus.org
Call : +91 95551 08888

Download the App
GET IT ON Google Play

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

Raman Effect:

- **The Raman Effect is the phenomenon of scattering of light by molecules present in a medium.**â€‹
- It states that there is a **change in the wavelength** of light that occurs when a **light beam is deflected by molecules.**
- This is caused due to the molecules of gases, liquids, or solids when they are **excited to vibrational energy levels**.
- **Raman effect** is also **known** as **Raman scattering**.

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 32 :
Who among the following cricketers is the brand ambassador of Jindal South West (JSW) Steel as of January 2021?

Difficulty : Moderate   **Average Time : 78 Seconds**

Options :

1. Rishabh Pant
2. MS Dhoni
3. Rohit Sharma
4. Virat Kohli

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

- **Jindal South West (JSW) Steel appointed** Indian middle-order wicket-keeper batsman **Rishabh Pant as its brand ambassador.**
- Pant will help promote JSW's steel products which include Colouron+ colour-coated sheets and JSW Neosteel TMT bars, for a three-year period.
- He is an Indian cricketer who plays as a for India, Delhi, and the Delhi Capitals in the Indian Premier League.
- He has also served as the vice-captain of the India U-19 team for the 2016 Under-19 Cricket World Cup.

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. John was an artist (1)_____ profession. He was very (2)_____ at his work

STUDY CONTENTS THAT GET YOU SELECTED

5 LAKH+ STUDENTS
Already enrolled with our
selection focused courses.

30+ EXPERT INSTRUCTORS
Our instructors are the best
In the industry

10000+ HOURS OF VIDEOS
All videos are well-explained for you
to get every bit out of the videos

FREE PDF

and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 33 :

In how many districts across all the states of India was the third phase of 'Pradhan Mantri Kaushal Vikas Yojana' launched in January 2021?

Difficulty : Moderate

Average Time : 77 Seconds

Options :

1. 189

2. 600

3. 567

4. 409

Solution :

The correct answer is **option 2** i.e. **600**

- **The third phase of Pradhan Mantri Kaushal Vikas Yojana was launched on January 15, 2021, in 600 districts across all the states of India.**
- The third phase was spearheaded by the **Ministry of Skill Development and Entrepreneurship (MSDE).**
- It focuses on new-age India and **COVID-related skills.**
- Based on the learnings gained from the first and second phases of the mission, the Ministry has improved the newer version of the scheme to match the current policy doctrine and energize the skilling ecosystem affected due to the COVID-19 pandemic.

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 34 :

In which year was 'Target Olympic Podium Scheme' ('TOPS') formulated by the Ministry of Youth Affairs and Sports?

Difficulty : Moderate

Average Time : 77 Seconds

Options :

1. 2013

2015

3. 2014

4. 2016

Solution :
The correct answer is **option 3** i.e. **2014**

Target Olympic Podium Scheme (TOPS) was formulated in 2014 with the aim to identify, groom and prepare potential medal prospects for Olympics.

• It is a flagship programme of the ministry of youth affairs and sports.

• It aims to keep an eye in the future and fund a developmental group of athletes who are medal prospects for the Olympic Games.

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 35 :
The scientific study of dreams is called _____.

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

Options :

1. oneirology

2. morphology

3. entomology

4. kalology

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

The scientific study of dreams is called Oneirology.

Current research on the above topic finds out the correlations between dreaming and current knowledge about the

functions of the brain, as well as understanding of how the brain works during the dreams.

- The study of **the size, shape, and structure of animals, plants, and microorganisms and of the relationships of their constituent parts** is called Morphology**.**
- Entomology is the study of **insects and their relationship to humans, the environment, and other organisms**.
- **The study of beauty and aesthetics** is called Kalology.

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 36 :

According to which of the following Articles of the Constitution of India can the Parliament amend the Constitution?

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

Options :

1. Article 368
2. Article 103
3. Article 129
4. Article 234

Solution :

The correct answer is **option 1** i.e. **Article 368**

Amendment of Indian Constitution:

- **The parliament can amend the Constitution under Article 368.**
- **Amending the constitution of India** is the process of making amendments to the fundamental law or supreme law of the country.
- **Article 368** is set out in **Part XX of the Indian Constitution.**
- This procedure preserves the sanctity of India's Constitution and holds a check on the Indian Parliament's arbitrary power.
- Article **368 does not** set down the legislative process to be followed at various points of the amendment.

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 37 :
A channel of canal where water flows under the influence of gravity is called _____.

Difficulty : Moderate   **Average Time : 78 Seconds**

Options :

1. lift channel

2. warabandi system

3. command area

4. flow channel

Solution :

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

A flow channel is also called the Gravity Irrigation.

Gravity irrigation is the type of irrigation in which water is available at a higher level to enable supply to the land by gravity flow.

Other types of irrigation are:

Lift Irrigation: When groundwater is lifted up to be used as irrigation water or water supply is at too low a level to run by the gravitation of the land.

Drip Irrigation: In this irrigation, water is directly applied to the root zone of the plant using a drip nozzle.

Sprinkler Irrigation: In this method of irrigation water is applied through a network of pipes and pumps.

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 38 :
Which of the following is the only floating national park in India and the world?

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

Options :

1. Balpakram National Park

2. Keibul Lamjao National Park

3. Nagarhole National Park

4. Gugamal National Park

Solution :

The correct answer is **option 2** i.e. **Keibul Lamjao National Park**

- The **Keibul Lamjao National Park** is a national park in the Bishnupur district of the norh-eastern state of Manipur in India.
- It is 40 km^2 (15.4 sq mi) in area, the only floating park in the world, located in North East India, and an integral part of Loktak Lake.

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 39 :

Which of the following Articles of the Constitution of India states that there would be no tax levied or collected EXCEPT by the authority of law?

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

Options :

1. Article 301

2. Article 123

3. Article 265

4. Article 107

Solution :

The correct answer is **option 3** i.e. **Article 265**

Article 265 of the Indian constitution deals with the taxes not to be imposed save by authority of law. It means that **no tax shall be levied or collected except by the authority of law.**

Additional Information:

- **The 7th schedule of the constitution defines the subjects on which Union/State or both can levy taxes.**
- **As per the 73rd and 74th amendments of the constitution,** limited financial powers have been given to the local governments which are enshrined in Part IX and IX-A of the constitution.

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 40 :
All monetary transfers or kinds sent by migrants to their place of origin are called _____.

Difficulty : Moderate   Average Time : 78 Seconds

Options :

1. drafts

2. remittances

3. bills

4. payments

Solution :
The correct answer is **option 2** i.e. **remittances.**

Remittances:

- **Remittances are usually understood as financial or in-kind transfers made by migrants to friends and relatives back in communities of origin.**
- These are the sum of **two main components:**
- Personal Transfers in cash or in-kind between resident and non-resident households and Compensation of Employees, which refers to the income of workers who work in another country for a limited period.
- Remittances help in stimulating economic development in recipient countries, but this can also make such countries over-reliant on them.

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 41 :

Terrace farming is done on which of the following types of land?

Difficulty : Moderate	**Average Time : 75 Seconds**

Options :

1. Plains
2. Deserts
3. Hills
4. Forests

Solution :

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

Terrace farming is **a type farming in which the crops are cultivated on the sides of hills or mountains by planting on graduated terraces carved into the slope**, or in other words, the practice of carving flat regions out of hilly or mountainous terrain to produce crops.

Advantages of Terrace Farming:

- **Increases farmability and land productivity of sloped fields**.
- Contributes to water conservation as it slows down and reduces water runoffs, improves rainwater harvesting.
- Prevents soil erosion by decreasing rill formations.
- Boosts soil conservation.

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 42 :

On which of the following dates has the Government of India decided to commemorate the birth anniversary of Subash Chandra Bose as 'Parakram Diwas'?

Difficulty : Moderate

Average Time : 78 Seconds

Options :

1. 7 June

2. 12 March

3. 5 May

4. 23 January

Solution :

The correct answer is **option 4** i.e. **23 January**

The government has decided to observe January 23 as 'Parakram Diwas' to commemorate the birth anniversary of Netaji Subhas Chandra Bose.
Prime Minister Narendra Modi participated in the first 'Parakram Diwas' programme in Kolkata on January 23 on Bose's 125th birth anniversary and inaugurated an exhibition on the grounds of National Library to mark the occasion.

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 43 :
The Periodic Law as we know it today owes its development to:

Difficulty : Moderate

Average Time : 63 Seconds

Options :

1. JJ Thomson

2. Niels Bohr

3. Ernest Rutherford

4. Dmitri Mendeleev

Solution :

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

The Periodic Law was developed by Russian chemist, Dmitri Mendeleev (1834-1907).

- **Modern Periodic Table:**
- The Modern Periodic Table is classified into the following elements - **p-block, s-block, d-block, and f-block**.
- The **p-block** elements include **chalcogens, pnictogens, halogens, inert gases**.
  - The **18th group** is known as Inert gas, zero groups, Nonreactive gases.
  - The **17th group** is known as **Halogen**.
  - The **16th group** is known as **Chalcogen**.
  - The **15th group** is known as **Pnictogen**.
- The **s-block** elements include **alkali metals and alkaline earth metals**.
- The **d-block** elements include **Transition elements**.
- The **f-block** elements include **Inner Transition Elements**.

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 44 :
Who wrote Samudragupta's prashasti (a eulogy written in the form of poetry or prose, usually by court poets) at Allahabad?

Difficulty : Moderate   **Average Time : 104 Seconds**

Options :
1. Vagabhatta
2. Harisena
3. Amarsimha
4. Kalidasa

Solution :
The correct answer is **option 2** i.e. **Harisena.**

- **Samudra Gupta court poet and minister Harisena composed the Allahabad pillar Inscription or Prayag Prasasti.**
- The Pillar was an Asokan Pillar erected by Asoka six centuries before him.
- **This Inscription is a eulogy of Samudra Gupta and mentions the conquests of Samudra Gupta and the boundaries of the Gupta Empire.**

Allahabad Prasasti, composed by Harishena, does not bear any date and for this reason, historians have presumed that it was composed probably before the Ashwamedha Yajna performed by Samudragupta.

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 45 :
Which of the following gases is naturally formed via the anaerobic decay of phosphorus containing organic matter?

Difficulty : Moderate   Average Time : 73 Seconds

Options :
1. Perchloryl fluoride
2. Phosphorus pentafluoride
3. Phosphine
4. Phosgene

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

Phosphine:

- **It is the simplest phosphorus hydride and a colourless and extremely toxic gas.**
- The earliest reported preparation was made by Antoine Lavoisier's student Philippe Gengembre in the late 18th century.
- It is made industrially from white phosphorus by hydrolysis with an alkali metal hydroxide or an aqueous acid-catalyzed disproportionation reaction.
- **The industrial product is normally shipped as liquefied gas.**
- **Hence, the correct answer is 'Phosphine'.**

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 46 :

Who among the following authored 'Poverty and Un-British Rule in India'?

Difficulty : Moderate

Average Time : 73 Seconds

Options :

1. Rabindranath Tagore

2. Dadabhai Naoroji

3. Mahatma Gandhi

4. Jawaharlal Nehru

Solution :

The correct answer is **option 2** i.e. **Dadabhai Naoroji**

- The book titled **'Poverty and Un-British Rule in India'** was written by **Dadabhai Naoroji.**
- Some other books by Dadabhai Naoroji were: **Poverty of India, Admission of educated natives into the Indian Civil Service and Condition of India.**

Additional Information about Dadabhai Naroji:

- He was also known as the **"Grand Old Man of India"** and '**Father of Indian Nationalism**'.
- He was the **first Indian to be elected as a member of the British Parliament.**
- He was the **founder of Indian National Congress, Zoroastrian Trust Funds of Europe, National Congress, London Indian Society.**

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 47 :

Who among the following was appointed as the first woman Chairperson of BCCC (Broadcasting Content Complaints Council) by IBF (Indian Broadcasting Foundation)?

Difficulty : Moderate

Average Time : 88 Seconds

Options :

Chitra Ramakrishna

2. Indra Nooyi

3. Kiran Mazumdar

4. Gita Mittal

Solution :

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

- The **Indian Broadcasting Foundation (IBF)** has appointed <u>**Justice Gita Mittal**</u> as the new chairperson of the **Broadcasting Content Complaints Council (BCCC).**
- Justice Mittal succeeded former **Justice Vikramajit Sen.**
- She also served as the 1st woman **Chief Justice of Jammu & Kashmir High Court.**
- Former Chief Justice of Jammu & Kashmir High Court, Justice **Gita Mittal,** has been declared as one of the two recipients of the **Arline Pacht Global Vision Award for 2021.**

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 48 :

The 'Hemis Festival' is celebrated in Ladakh on the 10th day of the Tibetan Lunar month. To which of the following lords is the festival dedicated?

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

Options :

1. Lord Ganesha

2. Lord Padmasambhava

3. Lord Shiva

4. Lord Vishnu

Solution :

The correct answer is **option 2** i.e. **Lord Padmasambhava**

Hemis Festival is a festival of Ladakh:

- Hemis festival greatly represents the analogy of Ladakh culture.
- Like the other popular festivals in Leh Ladakh, the Hemis Festival in Ladakh also marks the victory of good over evil.
- **The festival is dedicated to the birth of Buddhist Lord Padmasambhava, who is the founder of Vajrayana Buddhism in Ladakh.**
- **Hemis festival is celebrated on the 10th day of the Tibetan lunar month.**

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 49 :

Who among the following wrote the non-fiction 'The Paradoxical Prime Minister: Narendra Modi and His India'?

Difficulty : Moderate   Average Time : 74 Seconds

Options :

1. Arundhati Roy

2. Salman Rushdie

3. Chetan Bhagat

4. Shashi Tharoor

Solution :

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

The Paradoxical Prime Minister was written by Shashi Tharoor.

- **The Paradoxical Prime Minister: Narendra Modi And His India is a Non-fiction book written by senior Indian National Congress parliamentarian Shashi Tharoor.**
- This book talks about prime minister **Narendra Modi's life and his time**.
- It is divided into 5 sections comprising **50 chapters**.
- It was released on **26th October 2018**.

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 50 :
Who authored 'Akbarnama'?

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

Options :

1. Abul Fazl

2. Abdus Samad

3. Faizi

4. Abdul Latif

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

- Abul Fazl was the author of Akbarnama.
- It is the official history of Akbar's reign in 3 volumes.
- This book gives the history of Akbar's forefathers from Timur to Humayun and Akbar's reign till 1602 AD.
- Abul Fazl was one of the nine jewels in the royal court of Akbar.

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 51 :
table shows District - wise data of number of primary school teachers posted in schools of a city. Study the table and answer the question: District Male teachers Female teachers East 1650 2375 North 1075 2651 west 1280 1520 south 1170 1085 central 690 859   What is the difference between the total number of male teachers n the district East, North, West Taken together and the total number of female teachers in the district East and South ?

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

Options :

735

2. 771

3. 110

4. 545

Solution :

The correct answer is **option 4** i.e. **545**

The total number of male teachers in the districts East, North, West taken together = 1650 + 1075 + 1280 = 4005

The total number of female teachers in the districts East and South = 2375 + 1085 = 3460

Difference between them = 4005 - 3460 = 545

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 52 :

If $x^4 - 62x^2 + 1 = 0$, where $x > 0$, then the value of $x^3 + x^{-3}$ is :

Difficulty : Moderate   **Average Time : 57 Seconds**

Options :

1. 500

2. 512

3. 488

4. 364

Solution :

The correct answer is **option 3** i.e. **488**

$x^4 - 62x^2 + 1 = 0$

Divide by x^2

$x^2 - 62 + 1/x^2 = 0$

STUDY CONTENTS THAT GET YOU SELECTED

5 LAKH+ STUDENTS
Already enrolled with our
selection focused courses.

30+ EXPERT INSTRUCTORS
Our instructors are the best
In the industry

10000+ HOURS OF VIDEOS
All videos are well-explained for you
to get every bit out of the videos

FREE PDF

$x^2 + 1/x^2 = 62$

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

$(x + 1/x)^2 = 62 + 2 = 64$

$x + 1/x = 64 = 8$

$(x + 1/x)^3 = x^3 + 1/x^3 + 3(x + 1/x)$

$8^3 = x^3 + 1/x^3 + 3 \times 8$

$x^3 + 1/x^3 = 512 - 24 = 488$

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 53 :
Given that x8 - 34x4 + 1 = 0, x > 0. What is the value of (x3 - x-3) ?

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

Options :
1. 14
2. 12
3. 18
4. 16

Solution :
The correct answer is **option 1** i.e. **14**

$x^8 - 34x^4 + 1 = 0 \ x > 0$

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

$(x - y)^3 = x^3 - y^3 - 3xy(x - y)$

$x^8 - 34x^4 + 1 = 0$

$x^4 - 34 + x^{-4} = 0$ (Multiplying both side by x^{-4})

$x^4 + x^{-4} = 34$

$x^4 + x^{-4} + 2 = 34 + 2$

$(x^2 + x^{-2})2 = 36$

$(x^2 + x^{-2}) = 6$

$x^2 + x^{-2} - 2 = 6 - 2$

$(x - x^{-1})2 = 4$

$(x - x^{-1}) = 2$

$(x - x^{-1})^3 = 2^3$

$(x^3 - 3(x - x^{-1}) - x^{-3}) = 8$

$(x^3 - (3 \times 2) - x^{-3}) = 8$

$(x^3 - x^{-3}) = 8 + 6$

$(x^3 - x^{-3}) = 14$

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 54 :

If =5, then the value of is :

Difficulty : Moderate   **Average Time : 102 Seconds**

Options :

1. $\frac{75}{17}$

2. $\frac{75}{34}$

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

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

Solution :

The correct answer is **option 2** i.e. $\frac{75}{34}$

(sin + cos)/(sin - cos) = 5

(sin + cos + sin - cos)/(sin + cos - sin + cos) = (5 + 1)/(5 - 1)

2sin/2cos) = 6/4

tan = perpendicular/base = 3/2

hypotenuse^2 = perpendicular^2 + base^2 = 3^2 + 2^2 = 13

hypotenuse = 13

(4sin^2 + 3)/(2cos^2 + 2) = [4(3/13)^2 + 3]/[2(2/13)^2 + 2] = [4(9/13) + 3]/[2(4/13) + 2] = (36 + 39)/(8 + 26) = 75/34

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 55 :
In a circle with center O, point A, B, C, and D in this order are concyclic such that BD is the diameter of the circle. If BAC = 22°, then find the measures (in degrees) of COD.

Difficulty : Moderate   **Average Time : 83 Seconds**

Options :

1. 79

2. 136

3. 158

4. 68

Solution :
 The correct answer is **option 2** i.e. **136**

The points A, B, C, and D in this order are concyclic.

BD is the diameter.

BAC = 22°

Since, the points A, B, C, and D in this order are concyclic, AC has to pass through the center O.

OA = OB = Radius of the circle

From OBA -

OBA = OAB = 22° (As, OA = OB)

BOA = 180° - (22° + 22°) = 136° (Angle sum property of triangle)

BOA and COD are opposite angles.

Thus, COD = 136°

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 56 :
what is the coefficient of x2 in the expansion of ?

Difficulty : Moderate   **Average Time : 78 Seconds**

Options :
1. - 25
2. - $\frac{25}{3}$
3. 25
4. - $\frac{5}{3}$

Solution :
 The correct answer is **option 1** i.e. **- 25**

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

$(5 - x^2/3)^3 = 5^3 - (x^8/27) - 75x^2/3 + 15x^4/9$

$(5 - x^2/3)^3 = 5^3 - (x^8/27) - 25x^2 + 5x^4/3$

Co-efficient of x^2 = -25

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 57 :

A shopkeeper marks articles at a price such that after giving a discount of x%, he gains 20%. If the cost price and the marked price of the articles are Rs920 and Rs 1472 respectively, then what is the value of x?

Difficulty : Moderate

Average Time : 79 Seconds

Options :

1. 18

2. 30

3. 20

4. 25

Solution :

The correct answer is **option 4** i.e. **25**

The cost price of the article = Rs. 920

The marked price of the article = Rs. 1472

Discount = x%

Gain = 20%

The selling price of the article = 920 × 1.2 = Rs. 1104

Selling price = Marked price(1 - discount percentage/100)

1472(1 - x%) = 1104

(1 - x%) = 0.75

x = 25

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 58 :

In the table , the production and the sale (in 1000 tonnes) of certain product of a company over 5 years is given. Years Production (in 1000 tonnes) Sale (in 1000 tonnes) 2015 1250 1000 2016 1400 1290 2017 1450 1100 2018 1500 1450 2019 1600 1390   In which years(s) the production increases by more than 10% of that in the previous year ?

Difficulty : Moderate

Average Time : 69 Seconds

Options :

1. 2018,2019

2. 2017,2018

3. 2019

4. 2016

Solution :

The correct answer is **option 4** i.e. **2016**

Production in 2015 = 1250

Production in 2016 = 1400

Percentage increase in production = [(1400 - 1250)/1250] × 100 = 12%

Production in 2016 = 1400

Production in 2017 = 1450

Percentage increase in production = [(1450 - 1400)/1400] × 100 = 3.6%

Production in 2017 = 1450

Production in 2018 = 1500

Percentage increase in production = [(1500 - 1450)/1450] × 100 = 3.5%

Production in 2018 = 1500

Production in 2019 = 1600

Percentage increase in production = [(1600 - 1500)/1500] × 100 = 6.7%

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 59 :

simplify : ,0° 90°

Difficulty : Moderate

Average Time : 65 Seconds

Options :

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

Solution :

The correct answer is **option 2** i.e. **1**

$(Sin + sec)^2 + (Cos + Cosec)^2/(1 + seccosec)^2$

$1/Sin = Cosec$

$1/Cos = Sec$

$Sin^2 + Cos^2 = 1$

$(A + B)^2 = A^2 + 2AB + B^2$

$(Sin + sec)^2 + (Cos + Cosec)^2$

$= (Sin + 1/Cos)^2 + (Cos + 1/Sin)^2$

$= Sin^2 + 2 \times Sin \times (1/Cos) + 1/Cos^2 + Cos^2 â€‹ + 2 \times Cos \times (1/Sin) + 1/Sin^2$

$= (Sin^2 + Cos^2 â€‹) + \{(2Sin/Cos) + (2Cos Sin)\} + (1/Cos^2 + 1/Sin^2)$

$= 1 + \{2/(Cos \times Sin)\} + \{1/(Cos^2 \times Sin^2)\}$

$= (1 + 2 \times Sec \times Cosec + Sec^2 \times Cosec^2)$

$= (1 + SecCosec)^2$

$(Sin + sec)^2 + (Cos + Cosec)^2/(1 + seccosec)^2$

$= (1 + SecCosec)^2/(1 + SecCosec)^2$

$= 1$

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 60 :
Triangles ABC is right angled at B and D is a point of BC such that BD = 5 cm, AD = 13 cm, and AC = 37 cm, then find the length of DC in cm.

Difficulty : Moderate　　　　　　　　　　**Average Time : 110 Seconds**

Options :

1. 25

2. 30

3. 5

4. 35

Solution :

The correct answer is **option 2** i.e. **30**

Triangle ABC is a right-angled triangle at B.

BD = 5 cm

AD = 13 cm

AC = 37 cm

ABD is also a right-angled triangle.

$AB^2 + BD^2 = AD^2$

$AB^2 = 169 - 25$

AB = 12

$AB^2 + BC^2 = AC^2$

$BC^2 = AC^2 - AB^2$

$BC^2 = 37^2 - 12^2$

BC = 35

BD + DC = 35

DC = 30

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 61 :

Study the following table and answer the question : Percentage of marks obtained by six students A, B , C , D , E and F in five subjects. Subjects/Students English (Out of 50) Math (Out of 150) Science (Out of 80) Hindi (Out of 75) Social Studies 9Out of 100) A 70 90 65 64 88 B 84 92 75 68 49 C 66 80 85 80 84 D 62 74 75 88 60 E 54 64 55 72 85 F 72 84 65 60 65   Total marks obtained by students E in all the five subjects are ?

Difficulty : Moderate

Average Time : 87 Seconds

Options :

1. 306

2. 330

3. 316

4. 340

Solution :

 The correct answer is **option 1** i.e. **306**

Marks obtained by E in English = 54% × 50= 54(50)/100 = 27

Marks obtained by E in Maths = 64% × 150 = 64(150)/100 = 96

Marks obtained by E in Science = 55% × 80 = 55(80)/100 = 44

Marks obtained by E in Science = 72% × 75 = 72(75)/100 = 54

Marks obtained by E in Social Studies = 85% × 100 = 85(100)/100 = 85

Total marks obtained by E in all five subjects = 27 + 96 + 44 + 54 + 85 = 306

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 62 :

If sec 31° = x, then sin259° +is equal to :

Difficulty : Moderate

Average Time : 61 Seconds

Options :

1. $\dfrac{2-x^2}{x^2}$

2. $\dfrac{2-x^2}{x^2}$

3. $\dfrac{2-x^2}{x^2}$

4. $\dfrac{2-x^2}{x^2}$

Solution :

The correct answer is **option 3** i.e. $\dfrac{2-x^2}{x^2}$

$\text{Sec } 31^{\circ} = x$

$\text{Sin}(90^{\circ} -) = \text{Cos}$

$\text{Cosec} = 1/\text{Sin}$

$\text{Cos} = 1/\text{Sec}$

$\text{Sin}^2 59^{\circ} + 1/\text{Sec}^2 31^{\circ} - 1/\text{Sin}^2 59^{\circ}\text{Cosec}^2 59^{\circ}$

$= \text{Sin}^2(90 - 31)^{\circ} + (1/\text{Sec}^2 31^{\circ}) - \{1/(\text{Sin}^2 59^{\circ} \times 1/\text{Sin}^2 59^{\circ})$

$= \text{Cos}^2 31^{\circ} + (1/\text{Sec}^2 31^{\circ}) - 1$

$= (1/\text{Sec}^2 31^{\circ}) + (1/\text{Sec}^2 31^{\circ}) - 1$

$= (2/\text{Sec}^2 31^{\circ}) - 1$

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

$= (2 - x^2)/x^2$

Comprehension :

Page No: 55

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 63 :

A certain sum is divided among A,B ,C and D such that the ratio of the shares is A : B : C : D = 4 : 12 : 30 : 45 . If the difference between the shares of A and D is Rs5.535, then the total sum (in Rs) is :

Difficulty : Moderate   **Average Time : 116 Seconds**

Options :

1. 12785

2. 13550

3. 12285

4. 11000

Solution :

 The correct answer is **option 3** i.e. **12285**

The ratio among A, B, C, and D is 4 : 12 : 30 : 45 respectively.

The difference between the shares of A and D is Rs. 5535.

Let the common ratio be x.

The share of A = Rs. 4x

The share of B = Rs. 12x

The share of C = Rs. 30x

The share of D = Rs. 45x

Total sum = (45 + 30 + 12 + 4)x = Rs. 91x

According to the question -

45x - 4x = 5535

41x = 5535

x = 135

91x = 12285

The total sum = Rs. 12285

Question 64 :
The speed of a motorboat in still water is 20 km/h. It travels 150 km downstream and then returns to the starting point. If the round trip takes a total of 16 hours, what is the speed (in km/h) of the flow of the river?

Difficulty : Moderate   **Average Time : 67 Seconds**

Options :

1. 8

2. 6

3. 5

4. 4

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

The boat takes 16 hours to go 150 km downstream and 150 km upstream.

Speed of the motorboat in the still water = 20 km/h

When going downstream, the speed of the boat and the flow of the river are added to calculate the net speed while going upstream, we take the difference between the speed of the boat and the flow of the river as the net speed.

Time = Distance / Speed

Let the flow of the river be x km/h

According to the question -

$\{150/(20 + x)\} + \{150/(20 - x)\} = 16$

$\{150 \times (20 + x + 20 - x)\}/(20^2 - x^2) = 16$

$(150 \times 40)/(20^2 - x^2) = 16$

$400 - x^2 = 375$

$x^2 = 25$

$x = 5$ km/h

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 65 :
If nine - digit number 7698x138y is divisible by 72 , then the value of is :

Difficulty : Moderate	**Average Time : 87 Seconds**

Options :

1. 8
2. 6
3. 9
4. 5

Solution :
 The correct answer is **option 2** i.e. **6**

7698x138y is divisible by 72 when it is divisible by 8 as well as 9.

By the divisibility rule of 8, we can clearly say that y is equal to 4. Since in the range, there is only one number that is divisible by 8, and that is 384.

The number becomes 7698x1384.

The sum of digits of 7698x1384 = 46 + x

In order to be divisible by 9 -

x = (54 - 46) = 8 (The nearest multiple of 9 to 46 is 54)

(4x + y) = [(4 × 8) + 4] = 36 = 6

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 66 :
A tank is filled in 4 hours by three pipes. A , B and . Pipes C is 1(rac{1}{2})times as fast as B and B is 3 times as fast as A.

How many hour will pipe A alone take to fill the tank ?

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

Options :

1. 17
2. 30
3. 34
4. 15

Solution :

 The correct answer is **option 3** i.e. **34**

The tank is filled in 4 hours by three pipes A, B, and C.

Pipe C is 3/2 times as fast as B and B is 3 times as far as A.

The capacity of that tank = the rate of flow of pipe C × time taken by the pipe

Rate of flow C = (3/2)B

Rate of flow of B = 3A

Let, pipe A fills the tank = 2Q unit per hour.

Pipe B fills the tank = 3A = 3 × 2Q = 6Q unit per hour

Pipe C fills the tank = (3/2)B = (3/2) × 6Q = 9Q unit per hours

Together they can fill = (2Q + 6Q + 9Q) = 17Q unit per hour

The capacity of that tank = 4 × 17 = 68Q unit per hour

Pipe A will take to fill that tank = 68Q/2Q = 34 hours

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 67 :

Triangle ABC is right angled at B. BD is an altitude intersecting AC at D. If AC = 9 and CD = 3 cm, then find the measures of AB (in cm).

Difficulty : Moderate

Average Time : 89 Seconds

Options :

1. 36
2. 3
3. 63
4. 6

Solution :

The correct answer is **option 1** i.e. **36**

Let the length of BD be x.

AD = AC - CD = 9 - 3 = 6 cm

Applying Pythagoras theorem in ∆ABD -

$AB^2 = AD^2 + BD^2$

$AB^2 = x^2 + 36$ ...(1

Applying Pythagoras theorem in ∆BCD -

$BC^2 = BD^2 + CD^2$

$BC^2 = x^2 + 9$ ....(2

Applying Pythagoras theorem in ∆ABC -

$AC^2 = AB^2 + BC^2$

$9^2 = x^2 + 36 + x^2 + 9$

$2x^2 = 36$

$x^2 = 18$

x = 18 = 32 cm

From eq(1 -

$AB^2 = x^2 + 36$

$AB^2 = (32)^2 + 36 = 18 + 36 = 54$

AB = 36 cm

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 68 :

A shopkeeper sold an articles for Rs455 at a loss (in Rs). If he sell it for Rs490, then he would gain an amount four times the loss. At what price (in Rs) should he sell the articles to gain 25%?

Difficulty : Moderate   **Average Time : 106 Seconds**

Options :

1. 575

2. 577.50

3. 570.50

4. 115.50

Solution :

The correct answer is **option 2** i.e. **577.50**

Original selling price = Rs. 455

If he sells it for Rs. 490, then he would gain an amount four times the loss.

Gain = 25%

Gain = Selling price - Cost price

Selling price = Cost price × (1 + gain percentage/100)

let the cost price of the article be x.

According to the question -

4 × (x - 455) = (490 - x)

x = 2310/5 = 462

To make a 25% gain the shopkeeper has to sell the article = 462(1 + 25/100) = (462 × 1.25) = Rs. 577.50

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 69 :
What is the average of number from 1 to 50 which are multiples of 2 or 5 ? (correct to one decimal place)

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

Options :
1. 25.9
2. 25.8
3. 25.4
4. 26.4

Solution :
The correct answer is **option 2** i.e. **25.8**

Average = (1st term + last term)/2 = Sum of elements/No. of elements

Total number of terms (t_n)= a + (n - 1)d

n = number of terms, a = 1st term, d = common difference

For 2 -

50 = 2 + 2n - 2

n = 25

Average = (2 + 50)/2 = 26

Total = 26 × 25 = 650

For 5 -

50 = 5 + 5n - 5

n = 10

Average = (5 + 50)/2 = 27.5

Total = 27.5 × 10 = 275

10, 20, 30, 40, and 50 come two times.

Effective total = 650 + 275 - 150 = 775

The number of terms that are multiples of 2 or 5 = 25 + 10 - 5 = 30

Average = 775/30 = 25.8

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 70 :

simplify the folowing expression:

Difficulty : Moderate   **Average Time : 72 Seconds**

Options :

1. $\frac{14}{75}$

2. $\frac{32}{75}$

3. $- \frac{70}{27}$

4. $- \frac{14}{15}$

Solution :

The correct answer is **option 4** i.e. $- \frac{14}{15}$

(3/4 - 1/4 ÷ 1/4 of 2/5) ÷ (3/4 ÷ 2/3 of 3/5)

= (3/4 - 1/4 ÷ 1/10) ÷ (3/4 ÷ 2/5)

= (3/4 - 5/2) ÷ (15/8)

= (-7/4) ÷ (15/8)

= -14/15

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 71 :

The surface area of a cube is 13.5 m2. What is the length (in m) of its diagonal?

Difficulty : Moderate

Average Time : 65 Seconds

Options :

1. 23

2. 1.53

3. 1.5

4. 2

Solution :

The correct answer is **option 2** i.e. **1.53**

Let the measure of each side of the cube be A meter.

The surface area of the cube = $6a^2$

According to the question -

$6a^2 = 13.5$

a = 1.5

Diagonal of cube = a3

Length of diagonal of cube = a3 = 1.53

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 72 :
In a circle with center O. a diameter AB is produced to a point P lying outside the circle and PT is a tangent to the circle at a point C on it, If BPT = 28°, then what is the measure of BCP?

Difficulty : Moderate

Average Time : 79 Seconds

Options :

1. 62°

45°

3. 28°

4. 31°

Solution :

The correct answer is **option 4** i.e. **31°**

PT is a tangent to the circle at point C.

BPT = 28°

In OCP -

OCP + COP + OPT = 180°

90° + COP + 28° = 180° (OC is perpendicular to tangent PT)

COP = 180° - 118° = 62°

In OCB -

Let OCB = OBC = x (OC = OB = Radius)

OCB + OBC + COB = 180°

x + x + 62° = 180°

2x = 118°

x = 59°

OCB = OBC = x = 59°

OCP = OCB + BCP

90° = 59° + BCP

BCP = 90° - 59° = 31°

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 73 :

Study the following table and answer the question: Percentage of marks obtained by six students A, B, C, D, E, and F in

five subjects. Subject/Students English (Out of 50) Math (Out of 150) Science (Out of 80) Hindi (Out of 75) Social Studies (Out of 100) A 70 90 65 64 88 B 84 92 75 68 49 C 66 80 85 80 84 D 62 74 75 88 60 E 54 64 55 72 85 F 72 84 65 60 65   The total marks obtained by students C, D, and F in Science is what percent more than the total marks obtained by B in Science, Hindi, and Science Studies?

Difficulty : Moderate   **Average Time : 112 Seconds**

Options :

1. 12.2

2. 10.5

3. 12.5

4. 11.1

Solution :

The correct answer is **option 3** i.e. **12.5**

Marks obtained by C in Science = 85% of 80 = 85(80)/100 = 68

Marks obtained by D in Science = 75% of 80 = 75(80)/100 = 60

Marks obtained by F in Science = 65% of 80 = 65(80)/100 = 52

Total marks obtained by C, D, and F in Science = 68 + 60 + 52 = 180

Marks obtained by B in Science = 75% of 80 = 75(80)/100 = 60

Marks obtained by B in Hindi = 68% of 75 = 68(75)/100 = 51

Marks obtained by B in Social Studies = 49% of 100 = 49(100)/100 = 49

Total marks obtained by B in Science, Hindi, and Social Studies = 60 + 51 + 49 = 160

Total marks scored by students C, D, and F in Science are more than the total marks scored by B in Science, Hindi, and Social Studies by = [(180 - 160)/160] × 100 = 12.5%

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 74 :
What is the difference between the compound interest (in Rs) compounded yearly and compounded Half Yearly for 18

months at 20% per annum on a sum of Rs 12,000?

Difficulty : Moderate

Average Time : 80 Seconds

Options :

1. 121
2. 132
3. 145
4. 165

Solution :

The correct answer is **option 2** i.e. **132**

Principal = Rs. 12000

Time = 18 months

Rate of interest = 20%

Simple interest = (Principal × Time × Rate)/100

Compound interest = Amount - Principal

A = P × (1 + r/100)t

When interest is compounded yearly -

At the end of the first year, the principal = 12000 × 1.21 = Rs. 14400

Then, after 6 months the interest accumulated on the principal amount of Rs. 14400 = (14400 × 20 × 6/12)/100 = 1440

After 8 months the initial principal amount becomes = 14400 + 1440 = Rs. 15840

Interest accumulated in 18 months = Rs. (15840 - 12000) = Rs. 3840

When interest compounded half-yearly -

Rate of interest (R) = 20/2 % = 10%

Time (n) = 18/6 = 3

Principal = 12,000

After 18 months the principal becomes = 12000(1 + 10/100)3 = Rs. 15972

Interest accumulated in 18 months = Rs. (15972 - 12000) = Rs. 3972

The difference between the interest accumulated = Rs. (3972 - 3840) = Rs. 132

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 75 :

The following sentence has been divided into parts. One of them contains an error. Select the part that contains the error from the given options. Mithila art tradition is passed on / from one generation through a next / by children watching and helping / their mothers and grandmothers.

Difficulty : Moderate   **Average Time : 94 Seconds**

Options :

1. their mothers and grandmothers

2. Mithila art tradition is passed on

3. from one generation through a next

4. by children watching and helping

Solution :

The correct answer is **option 3** i.e. **from one generation through a next.**

- The given sentence is grammatically incorrect.
- Here, preposition 'to' should be used instead of 'through'.
- We know that 'from one generation to the next' means 'to pass from one generation to the next'.
- Also, the preposition 'from' is followed by 'to'.

Correct Sentence: Mithila art tradition is passed on from one generation **to** a next by children watching and helping their mothers and grandmothers.

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 76 :

Select the option that can be used as a one-word substitute for the given group of words. The art of effective or persuasive

STUDY CONTENTS THAT GET YOU SELECTED

5 LAKH+ STUDENTS
Already enrolled with our
selection focused courses.

30+ EXPERT INSTRUCTORS
Our instructors are the best
In the industry

10000+ HOURS OF VIDEOS
All videos are well-explained for you
to get every bit out of the videos

FREE PDF

speaking or writing

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

Options :

1. Bombastic

2. Poetry

3. Archaic

4. Rhetoric

Solution :

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

The meaning of the given options is-

- **Bombastic:** high-sounding but with little meaning; inflated.
- **Poetry** : quality of beauty and intensity of emotion regarded as characteristic of poems.
- **Archaic:** very old or old-fashioned.
- **Rhetoric:** clever language that sounds good but is not sincere or has no real meaning

The most appropriate one-word substitution for **"The art of effective or persuasive speaking or writing"** is "**Rhetoric."**

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 77 :

Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph. A. At its height, around 1,200 years ago, the city of Calakmul had a population of about 50,000 people, but the kingdom as a whole numbered more than 1.5 million. B. Deep in the jungle of southern Mexico lie the ruins of a city that thrived for centuries before it was abandoned more than 1,000 years ago. C. Archaeologists have uncovered 6,750 structures here—the largest is this pyramid temple, called, simply, 'Structure 2.' D. Calakmul was once one of the two duelling superpowers—along with Tikal—of the Classical Mayan civilisation.

Difficulty : Moderate   **Average Time : 102 Seconds**

Options :

1. BDAC

   BCDA

3. ACDB

4. DBCA

Solution :

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

The given question is an example of a Para Jumble.

- Sentence B will be the first sentence because it is an independent general statement. It is talking about a city located in the jungle of southern Mexico that was abandoned more than 1000 years ago.
- Sentence D will be the next sentence because it further explains Sentence B. It tells us that the abandoned city was named **Calakmul**.
- Sentence A will be the next sentence because it tells about the details of Calakmul city, its population, etc.
- At last, sentence C will be used.

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 78 :

Select the option that will improve the underlined part of the sentence. In case no improvement is needed, select 'No improvement'. The prisoners are kept at constant surveillance.

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

Options :

1. kept with

2. No improvement

3. kept under

4. kept by

Solution :

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

- The given sentence is **gramatically wrong.**
- Here **'kept under'** should be used instead of **'kept at'.**

'Kept under surveillance' is phrasal verb which means **'to watch something closely'**.

Clearly, the correct sentence is-

The prisoners are **kept under** constant surveillance.

The correct answer is-

kept under

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 79 :
The following sentence has been divided into parts. One of them contains an error. Select the part that contains the error from the given options. Raman went / with his wife / to the village / to sold their land.

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

Options :

1. to sold their land

2. to the village

3. with his wife

4. Raman went

Solution :
The correct answer is **option 1** i.e. **to sold their land**

- The given sentence is **gramatically wrong** and **'to sell their land'** should be used in place of **'to sold their land'**.
- The pronoun **'his'** should be used**.**
- After **'to'** the base form of the verb should be used i.e. in this case it will be **'sell'.**

Clearly the correct sentence is-

Raman went with his wife to the village to sell their land.

The correct answer is-

to sold their land

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 80 :

Select the most appropriate ANTONYM of the given word. Lessen

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

Options :

1. Decrease

2. Increase

3. Minimise

4. Reduce

Solution :

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

- The meaning of the word **'Lessen'** is **'make or become less; diminish'**.
- The antonym of the word **'Lessen'** is **'Increase'**.
- The meaning of the word **'Increase'** is **'become or make greater in size, amount, or degree'**.

The correct answer is-

Increase

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 81 :

Select the most appropriate ANTONYM of the given word. Controlled

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

Options :

1. Restrained

Excited

3. Guarded

4. Calm

Solution :

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

- The meaning of the word **'Controlled'** is **'not showing emotion; having one's feelings under control'**.
- The antonym of **controlled** is **excited.**
- The meaning of the word **'excited'** is **'very enthusiastic and eager'**.

The correct answer is-

Excited

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 82 :
Select the most appropriate synonym of the given word. Drag

Difficulty : Moderate   **Average Time : 65 Seconds**

Options :

1. Push

2. Pull

3. Tell

4. Call

Solution :

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

- The meaning of the word **'Drag'** is **'pull (someone or something) along forcefully, roughly, or with difficulty'**.
- The synonyms could be **draw, lug, pull.**
- Hence, the most similar word in meaning is **'Pull'**.

The correct answer is-

Pull

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 83 :

Select the most appropriate meaning of the given idiom. To fight tooth and nail

Difficulty : Moderate   **Average Time : 65 Seconds**

Options :

1. To silently leave the scene of battle

2. To fight or compete with great ferocity and intensity

3. To use unusual weapons to fight

4. To keep the enemy guessing about the weapons used

Solution :

The correct answer is **option 2** i.e. **To fight or compete with great ferocity and intensity**

- The meaning of the above idiom is **'fight very fiercely'**.
- Hence, the most appropriate answer is **'To fight or compete with great ferocity and intensity'**.

The correct answer is-

To fight or compete with great ferocity and intensity

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 84 :

Select the most appropriate meaning of the given idiom. To fan the flames

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

Options :

To call for help to solve an issue

2. To resolve the issue amicably

3. To make a bad situation worse

4. To cool the situation

Solution :

The correct answer is **option 3** i.e. **To make a bad situation worse**

- The most appropriate meaning of the idiom is **'To make a bad situation worse'**.
- The meaning of the above idiom is **'Intensify or stir up feelings; exacerbate an explosive situation'**.

The correct answer is-

To make a bad situation worse

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 85 :

Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution required'. The crowd have gathered around the area to watch the actors.

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

Options :

1. has gathered around the area

2. have gathered in the area

3. No substitution required

4. have gather around the area

Solution :

The correct answer is **option 1** i.e. **has gathered around the area**

- The crowd here is a **collective noun** and with collective noun **singular form of the verb** is used.

Clearly the correct sentence is-

The crowd has gathered around the area to watch the actors.

The correct answer is-

has gathered around the area

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 86 :

Select the option that expresses the given sentence in passive voice. The fielder at the slip position took a brilliant catch.

Difficulty : Moderate   **Average Time : 75 Seconds**

Options :

1. A brilliant catch was taken by the fielder at the slip position.

2. A brilliant catch has been taken by the fielder at the slip position.

3. A brilliant catch was being taken by the fielder at the slip position.

4. A brilliant catch had been taken by the fielder at the slip position.

Solution :

The correct answer is **option 1** i.e. **A brilliant catch was taken by the fielder at the slip position.**

- The given sentence is in active voice.
- The structure of the passive voice is as follows.

1. **Subject(objective case)+is/am/are+V3+ Object(subjective case)**

- The subject here is **'The fielder'.**
- The object here is **'A brilliant catch'.**
- **The subject and the object will interchange** there places and **was taken** will be used.

The correct answer is-

A brilliant catch was taken by the fielder at the slip position.

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 87 :

Select the most appropriate synonym of the given word. Humdrum

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

Options :

1. Boring

2. Noisy

3. Exciting

4. Lively

Solution :

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

- The word **'Humdrum'** means **'boringly monotonous'**.
- Hence, from the meaning of **'Humdrum'** the most similar meaning word is **'boring'.**
- The word **'boring'** means **'dull'.**

The correct answer is-

Boring

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 88 :

Select the INCORRECTLY spelt word.

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

Options :

Anarchy

2. Monarchy

3. Tyrany

4. Aristocracy

Solution :

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

- The correct spelling is **'Tyranny'** which means **the cruel and unfair use of power by a person or small group to control a country or state.**
- All the other words are spelt correctly and have following meanings.

1. **Anarchy-** A state of disorder due to absence or non-recognition of authority or other controlling systems.
2. **Monarchy-** A form of government with a monarch at the head.
3. **Aristocracy-** The highest class in certain societies, typically comprising people of noble birth holding hereditary titles and offices.

The correct answer is-

Tyrany

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 89 :
Select the option that expresses the given sentence in indirect speech. Nelson said, "I was playing cricket."

Difficulty : Moderate

Average Time : 82 Seconds

Options :
1. Nelson said that he was playing cricket.

2. Nelson said I was playing cricket.

3. Nelson said that he had been playing cricket.

4. Nelson said that I was playing cricket.

Solution :

The correct answer is **option 3** i.e. **Nelson said that he had been playing cricket.**

- The above sentence is in **'Direct speech'.**
- The rules for converting direct speech to indirect is as follows.

1. The **commas** and **inverted commas** will be removed.
2. The conjunction **'that'** will be added.
3. The first person pronoun **'I'** will be converted to **'he'** as per the subject of reporting verb.
4. **'Past continuous tense'** will ve converted to **'Past perfect continuous tense'.**
5. Therefore, **'was playing'** will be changed to **'had been playing'.**

The correct answer is-

Nelson said that he had been playing cricket.

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 90 :
Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the right order to form a meaningful and coherent paragraph. A. "I have already spent it," the thief replied. B. "What! I will take you to the police right now," Arun thundered. C. "Give me back my money," Arun said to the thief. D. "Sir, please have some mercy on me," the thief pleaded.

Difficulty : Moderate

Average Time : 109 Seconds

Options :
1. CBAD
2. BCAD
3. ADBC
4. CABD

Solution :

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

- The first sentence of the paragraph is generally an **independent statement** which in this case is **'C'** which talks about the starting of an incident.
- The next will be **'A'** which talks about what the thief did with the money.
- The next will be **'B'** because it talks about what Arun reciprocated after listening to thief spending the money.
- The last part of the statement will be **'D'.**

The correct answer is-

"Give me back my money," Arun said to the thief. "I have already spent it," the thief replied. "What! I will take you to the police right now," Arun thundered. "Sir, please have some mercy on me," the thief pleaded.

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 91 :
Select the option that can be used as a one-word substitute for the given group of words. A person employed to drive a private or hired car

Difficulty : Moderate   Average Time : 92 Seconds

Options :

1. Escort

2. Chauffeur

3. Captain

4. Pilot

Solution :
The correct answer is **option 2** i.e. **Chauffeur**

- The word **'Chauffeur'** means **'someone who's job is to drive car or cab for someone'.**
- Hence, the most appropriate word is **'Chauffeur'.**

The correct answer is-

Chauffeur

Comprehension :

STUDY CONTENTS THAT GET YOU SELECTED

5 LAKH+ STUDENTS
Already enrolled with our
selection focused courses.

30+ EXPERT INSTRUCTORS
Our instructors are the best
In the industry

10000+ HOURS OF VIDEOS
All videos are well-explained for you
to get every bit out of the videos

FREE PDF

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 92 :
Select the most appropriate option to fill in the blank. The people of Rajasthan strictly _____ to the traditional customs.

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

Options :

1. appeal

2. adhere

3. apply

4. abide

Solution :
The correct answer is **option 2** i.e. **adhere**

- The people of rajasthan firmly stick to their **traditional customs** that's what this sentence expresses.
- The word **'adhere'** is a prepositional phrase which means **'to stick firmly'.**

Clearly the correct sentence is-

The people of Rajasthan strictly **adhere** to the traditional customs.

The correct answer is-

adhere

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 93 :
Select the INCORRECTLY spelt word.

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

Options :

1. Verbal
2. Melody
3. Written
4. Speach

Solution :

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

- The correct spelling is **'Speech'** which means **the expression of or the ability to express thoughts and feelings by articulate sounds.**
- The rest of the words are spelt correctly with the following meanings.

1. **Verbal-** Relating to or in the form of words.
2. **Melody-** A sequence of single notes that is musically satisfying.
3. **Written-** Compose, write, and send (a letter) to someone.

The correct answer is-

Speech

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. John was an artist (1)_____ profession. He was very (2)_____ at his work and could (3)_____ any subject he could think of, but circumstances forced him to (4)_____ in (5)_____ the work of renowned artists.

Question 94 :
Select the most appropriate option to fill in the blank. The worst possible _____ for human society is that we will destroy ourselves with nuclear weapons.

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

Options :

1. privilege
2. prediction
3. presentation
4. preceptive

Solution :

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

- The worst thing that can happen to human society is that **it can destroy itself through nuclear weapons** that's what this sentence expresses.
- The word **'prediction'** means **saying what will happen.**
- Thus the most appropriate word is **'prediction'.**

The correct sentence is-

The worst possible **prediction** for human society is that we will destroy ourselves with nuclear weapons.

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. Moore worked without stopping until eleven o'clock. Then he made (1)_____ a cup of tea. He was enjoying himself sitting alone (2)_____ the fireside. The firelight danced on the walls and (3)_____ strange shadows around the room. His tea tasted (4)_____ and there was nobody to disturb him. Then, for (5)_____ first time he noticed how much noise the rats were making.

Question 95 :
Select the most appropriate option to fill in blank number 1.

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

Options :
1. itself
2. himself
3. ourself
4. herself

Solution :
The correct answer is **option 2** i.e. **himself**

- The most appropriate option is **'himself'.**
- As in the sentence it is referring to **what he did** for **himself**

The correct answer is-

himself

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. Moore worked without stopping until eleven o'clock. Then he made (1)_____ a cup of tea. He was enjoying himself sitting alone (2)_____ the fireside. The firelight danced on the walls and (3)_____ strange shadows around the room. His tea tasted (4)_____ and there was nobody to disturb him. Then, for (5)_____ first time he noticed how much noise the rats were making.

Question 96 :
Select the most appropriate option to fill in blank number 2.

Difficulty : Moderate   **Average Time : 67 Seconds**

Options :

1. by

2. for

3. in

4. over

Solution :

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

- The most appropriate option is **'by'.**
- **'by'** is a preposition here.

The correct answer is-

by

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. Moore worked without stopping until eleven o'clock. Then he made (1)_____ a cup of tea. He was enjoying himself sitting alone (2)_____ the fireside. The firelight danced on the walls and (3)_____ strange shadows around the room. His tea tasted (4)_____ and there was nobody to disturb him. Then, for (5)_____ first time he noticed how much noise the rats were making.

Question 97 :
Select the most appropriate option to fill in blank number 3.

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

Options :

STUDY CONTENTS THAT GET YOU SELECTED

5 LAKH+ STUDENTS
Already enrolled with our
selection focused courses.

30+ EXPERT INSTRUCTORS
Our instructors are the best
In the industry

10000+ HOURS OF VIDEOS
All videos are well-explained for you
to get every bit out of the videos

FREE PDF

   stuck

2. poked

3. cast

4. picked

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

- Amongst the given options the most appropriate is **'cast'.**
- The meaning of the phrase **'cast shadow'** is **the shadow cast by an object.**

The correct answer is-

cast

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. Moore worked without stopping until eleven o'clock. Then he made (1)_____ a cup of tea. He was enjoying himself sitting alone (2)_____ the fireside. The firelight danced on the walls and (3)_____ strange shadows around the room. His tea tasted (4)_____ and there was nobody to disturb him. Then, for (5)_____ first time he noticed how much noise the rats were making.

Question 98 :
Select the most appropriate option to fill in blank number 4.

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

Options :
1. desirable

2. attractive

3. excellent

4. skillful

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

- The most appropriate word amongst all the options is **'excellent'.**
- **'Excellent'** means **'extremely good; outstanding'.**

The correct answer is-

excellent

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. Moore worked without stopping until eleven o'clock. Then he made (1)_____ a cup of tea. He was enjoying himself sitting alone (2)_____ the fireside. The firelight danced on the walls and (3)_____ strange shadows around the room. His tea tasted (4)_____ and there was nobody to disturb him. Then, for (5)_____ first time he noticed how much noise the rats were making.

Question 99 :
Select the most appropriate option to fill in blank number 5.

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

Options :

  1. a

  2. the

  3. one

  4. only

Solution :
The correct answer is **option 2** i.e. **the**

- The most appropriate option amongst all the other options is **'the'.**
- **'the'** is used with **any noun where the meaning is specific.**

The correct answer is-

the

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. Moore worked without stopping until eleven o'clock. Then he made (1)_____ a cup of tea. He was enjoying himself sitting alone (2)_____ the fireside. The firelight danced on the walls and (3)_____ strange shadows around the room. His tea tasted (4)_____ and there was nobody to disturb him. Then, for (5)_____ first time he noticed how much noise the rats were making.

Question 100 :
By mistake, the reciprocal of a positive fraction got typed in place of itself, and thereby its value got reduced

by $(\frac{175}{4})$%. What was the value of the fraction ?

Difficulty : Moderate   **Average Time : 72 Seconds**

Options :

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

Solution :

The correct answer is **option 3** i.e. $\frac{4}{3}$

Let the original number be x.

The reciprocal of the original number = 1/x

According to the question -

x - 1/x = 175x/400

$(x^2 - 1)/x = 175/400$

$400(x^2 - 1) = 175x^2$

$400x^2 - 400 = 175x^2$

$x^2 = 400/225$

x = 20/15 = 4/3

Ssc Cgl Tier I Previous Year Question Paper Analysis

The analysis of Ssc Cgl Tier I Previous Year Question Paper held on 2021-08-24 in the Evening 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 General Awareness, 25 questions were asked from Quantitative Aptitude and 25 questions were asked from English Language

62 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 - 2
2. Analogy - 3
3. Classification - 3
4. Blood Relations - 1
5. Syllogism - 1
6. Venn Diagrams - 1
7. Dictionary Based - 1
8. Figure Based - 5
9. Matrix - 2
10. Series - 3
11. Mathematical Reasoning - 2
12. Cubes And Dice - 1

General Awareness

1. GK Misc - 25

Quantitative Aptitude

1. Simplification - 1
2. Average - 1
3. Percentage - 1
4. Data Interpretation - 4
5. Time And Work - 2
6. Interest - 1
7. Ratios And Proportion - 1
8. Geometry - 4
9. Trigonometry - 3
10. Mensuration - 1
11. Algebra - 3

Number System - 1
13. Profit And Loss - 2

English Language

1. Reading Comprehension - 7
2. Spotting Error - 2
3. Parajumbles - 1
4. Idioms - 2
5. One Word Substitution - 2
6. Voice - 1
7. Parts Of Speech - 1
8. Sentence Improvement - 2
9. Synonym - 2
10. Antonym - 2
11. Filler (Vocab) - 1
12. Incorrectly Spelt - 2
13. 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.

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

KD Live is providing Current Affairs on a daily basis for SSC and a Current Affairs Quiz too for the practice.

KD Live Free Offerings

KD Live is Offering Every Information and Study Material required for the self study. Please click on the following links for accessing those.

Study Plan

General Science
General Awareness
General Knowledge
Quantitative Aptitude
Logical Reasoning
English Language
Today In History
Syllabus
Know Your State
Know Your Country
Know Your City
Know Your Leader
Books And Authors
Daily Vocabulary
Daily Editorial
Latest Notifications
Exam Dates
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.

About KD Live

KD live has an expertise in providing apt explanations for the Ssc Cgl Tier I Previous Year Question Paper since 2008. More than 10 lakh aspirants have cleared competitive exams under the guidance of Neetu Mam. Study.kdcampus.live is providing free information on various topics and for the Ssc Cgl Exam you can refer the following link Click Here however if you want to practice more questions then please refer the following link Click Here.

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.