

Exam Date	03/08/2022
Exam Time	5:15 PM - 6:15 PM
Subject	Selection Post Phase X Higher Secondary Level

Section : General Intelligence

**Q.1** In this question, three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusion(s) logically follow(s) from the statements.

Statements:

All cakes are pastries.  
Some pastries are chocolates.  
All chocolates are biscuits.

Conclusions:

I. Some biscuits are pastries.  
II. All cakes are chocolates.

Ans  1. Only conclusion II follows.

2. Both conclusions I and II follow.

3. Neither conclusion I nor II follows.

4. Only conclusion I follows.

Question ID : 26433057838

Status : Answered

Chosen Option : 4

**Q.2** Select the correct combination of mathematical signs to sequentially replace the \* signs and to balance the given equation.

$$17 * 4 * 6 * 2 * 4 = 9$$

Ans  1.  $- \times + \div$

2.  $\times \div + -$

3.  $+ - \div \times$

4.  $- + \div \times$

Question ID : 26433057470

Status : Answered

Chosen Option : 3

**Q.3** In this question, three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusion(s) logically follow(s) from the statements.

Statements:

Some mugs are jars.

All jars are bottles.

All glasses are mugs.

Conclusions:

I. All glasses are jars.

II. Some glasses are bottles.

III. Some mugs are bottles.

Ans  1. Only conclusions I and III follow.

2. Only conclusions II and III follow.

3. Only conclusion III follows.

4. Only conclusion I follows

Question ID : 26433057849

Status : Answered

Chosen Option : 3

**Q.4** In a code language, 'FINGER' is coded as GJOFDQ and 'KIDNEY' is coded as LJEMDX. How will 'MUSCLE' be coded in the same language?

Ans  1. NVTBKD

2. MURBKD

3. NVRBLD

4. NUTCKD

Question ID : 26433057902

Status : Answered

Chosen Option : 1

**Q.5** Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

GARLIC : IZTNHE :: ONIONS : NPHNPU :: CARROT : ?

Ans  1. EZTTNV

2. EATTNV

3. BBQQPU

4. EZTPPV

Question ID : 26433057249

Status : Not Answered

Chosen Option : --

**Q.6** Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/deleting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(31, 4, 47)

(17, 8, 81)

Ans  1. (19, 11, 41)

2. (2, 12, 16)

3. (23, 7, 30)

4. (19, 5, 44)

Question ID : 26433057506

Status : Answered

Chosen Option : 4

Q.7 In a code language, 'ROSE' is coded as 228 and 'TULIP' is coded as 390. How will 'DAHLIA' be coded in the same language?

Ans  1. 140  
 2. 105  
 3. 320  
 4. 210

Question ID : 26433057910

Status : Not Answered

Chosen Option : --

Q.8 Which of the following letter-clusters will replace the question mark (?) in the given series?

GEA, IFB, LHA, QKB, XOA, ?

Ans  1. ISB  
 2. HUB  
 3. HTB  
 4. ITB

Question ID : 26433057194

Status : Answered

Chosen Option : 4

Q.9 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

MOBILE : CPNFMJ :: PHONES : PIQTFQ :: CHARGE : ?

Ans  1. BIFDHS  
 2. BIDFSH  
 3. BIDFHS  
 4. BIEFHS

Question ID : 26433057245

Status : Answered

Chosen Option : 3

Q.10 In a code language, 'COUCH' is coded as FLXZK and 'TABLE' is coded as WXEIH. How will 'CHAIR' be coded in the same language?

Ans  1. FEDEU  
 2. FEDFU  
 3. EFDEU  
 4. EFDFV

Question ID : 26433057901

Status : Answered

Chosen Option : 2

**Q.11** Which of the following letter-clusters will replace the question mark (?) in the given series?

JV, MU, OT, RS, TR, ?

Ans  1. WQ

2. XQ

3. YQ

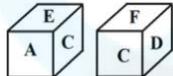
4. WR

Question ID : 26433057177

Status : Answered

Chosen Option : 1

**Q.12** Two dimensions of the same dice are given. What letter will be on the face opposite to the face having the letter E?



Ans  1. C

2. D

3. F

4. A

Question ID : 26433057366

Status : Answered

Chosen Option : 2

**Q.13** In a certain code language, 'TEA' is coded as 78, and 'SHAKE' is coded as 220. How will 'COFFEE' be coded in that language?

Ans  1. 200

2. 340

3. 160

4. 240

Question ID : 26433057717

Status : Answered

Chosen Option : 4

**Q.14** In a code language, 'CAKE' is coded as 64, and 'WAFER' is coded as 125. How will 'BISCUIT' be coded in the same language?

Ans  1. 343

2. 210

3. 392

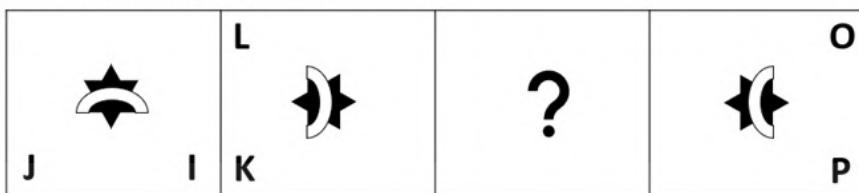
4. 255

Question ID : 26433057759

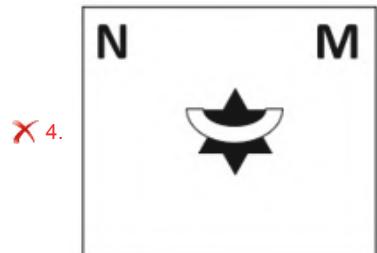
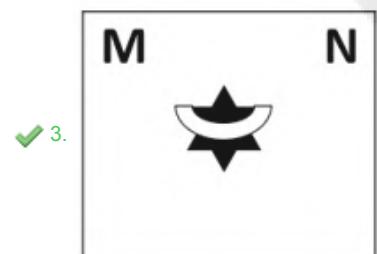
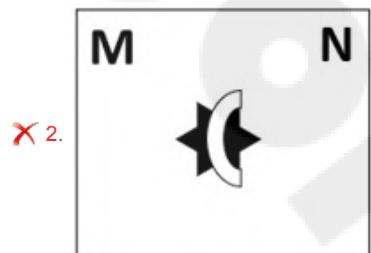
Status : Answered

Chosen Option : 1

Q.15 Select the figure from among the given options that can replace the question mark (?) in the following series.



Ans

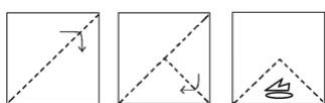


Question ID : 26433057788

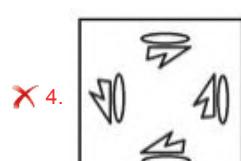
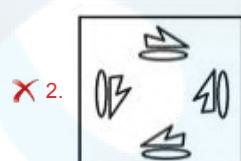
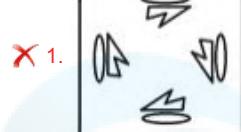
Status : Answered

Chosen Option : 3

**Q.16** The following figures show the sequence of folding a piece of paper. The last figure shows the manner in which the folded paper has been cut. Choose a figure which would most closely resemble the unfolded form of the paper.



**Ans**

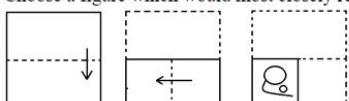


Question ID : 26433057420

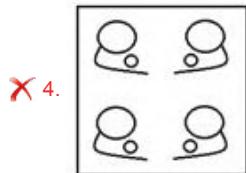
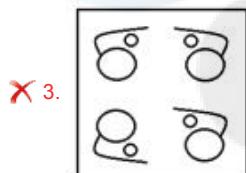
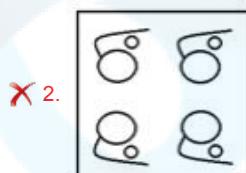
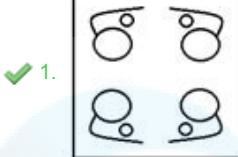
Status : Answered

Chosen Option : 3

**Q.17** The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown below. Choose a figure which would most closely resemble the unfolded form of the paper.



**Ans**



Question ID : 26433057410

Status : Answered

Chosen Option : 1

**Q.18** 'P @ Q' means 'P is the husband of Q'

'P & Q' means 'P is the wife of Q'

'P % Q' means 'P is the mother of Q'

'P#Q' means 'P is the father of Q'

If 'R @ S % T & U # V', then how is R related to U?

**Ans** ✗ 1. Father's father

✗ 2. Father

✓ 3. Father-in-law

✗ 4. Brother

Question ID : 26433057807

Status : Answered

Chosen Option : 3

**Q.19** Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.

1. Lung
2. Kidney
3. Tongue
4. Eyes
5. Nose

Ans  1. 2, 5, 4, 3, 1  
 2. 2, 3, 5, 1, 4  
 3. 2, 1, 3, 5, 4  
 4. 3, 1, 2, 4, 5

Question ID : 26433067499

Status : Answered

Chosen Option : 3

**Q.20** Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Imperceptible
2. Imperialism
3. Impersonal
4. Imperative
5. Imperfect

Ans  1. 3, 5, 1, 4, 2  
 2. 4, 1, 5, 2, 3  
 3. 2, 4, 5, 1, 3  
 4. 1, 2, 3, 4, 5

Question ID : 26433057878

Status : Answered

Chosen Option : 2

**Q.21** Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.

HOUSE : GRPUF :: LOTUS : KROWT :: LEMON : ?

Ans  1. LIHQO  
 2. LHHQO  
 3. KIHQO  
 4. KHHQO

Question ID : 26433057983

Status : Not Answered

Chosen Option : --

**Q.22** Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.

BELL : IOBE :: STOP : MRQV :: ARCS : ?

Ans  1. PFOD  
 2. PFNC  
 3. QGOD  
 4. QGNC

Question ID : 26433058016

Status : Not Answered

Chosen Option : --

Q.23 I is the father of L. L and K are the children of M. L is the husband of N. O is the husband of K. P is the son of O. How is I related to P?

Ans  1. Father  
 2. Brother  
 3. Father's father  
 4. Mother's father

Question ID : 26433057808

Status : Answered

Chosen Option : 4

Q.24 In a certain code language, 'FINAL' is written as 'GHPNY' and 'VISIT' is written as 'GXUVG'. How will 'GROUP' be written in that language?

Ans  1. IEMWS  
 2. PISMIR  
 3. PIRMS  
 4. PIQRS

Question ID : 26433057272

Status : Not Answered

Chosen Option : --

Q.25 Which of the following numbers will replace the question mark (?) in the given series?

213, 199, 235, 221, 257, 243, ?

Ans  1. 271  
 2. 265  
 3. 281  
 4. 279

Question ID : 26433057544

Status : Answered

Chosen Option : 4

Section : English Language

Q.1 Select the option that expresses the given sentence in indirect speech.

Raman said, "Let us enjoy some snacks."

Ans  1. Raman said that they will enjoy some snacks.  
 2. Raman proposed that they should enjoy some snacks.  
 3. Raman suggested that let they be enjoyed some snacks.  
 4. Raman said that let us enjoy some snacks.

Question ID : 26433075449

Status : Answered

Chosen Option : 3

Q.2 Select the INCORRECTLY spelt word.

Ans  1. Capasity  
 2. Library  
 3. Advocate  
 4. Imagination

Question ID : 26433055460

Status : Answered

Chosen Option : 1

**Q.3** Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

- A. He had a tiny room in a basement, the one window of which looked out on to the street.
- B. There was hardly a pair of boots in the neighbourhood that had not been once or twice through his hands.
- C. In a certain town there lived a cobbler, Martin Avdeitch by name.
- D. Through it one could see the feet of those who passed by, but Martin recognised the people by their boots.

Ans  1. CADB

2. CBDA

3. CDBA

4. CABD

Question ID : 26433058266

Status : Answered

Chosen Option : 1

**Q.4** Select the option that expresses the given sentence in indirect speech.

Sunny's parents said to her, "Do not take anything from strangers."

Ans  1. Sunny's parents asked her do not take anything from strangers.

2. Sunny's parents said to her that do not take anything from strangers.

3. Sunny's parents advised her not to take anything from strangers.

4. Sunny's parents told to her not to take anything from strangers.

Question ID : 26433075447

Status : Answered

Chosen Option : 3

**Q.5** Select the most appropriate option that can substitute the underlined segment in the given sentence.

I asked two people the way to Diana's house but no one of them knew it.

Ans  1. whether either of them knew it

2. if none of them knew it

3. that no one of them knew it

4. but neither of them knew it

Question ID : 26433065173

Status : Answered

Chosen Option : 4

**Q.6** Select the most appropriate ANTONYM of the given word.

Frail

Ans  1. Brittle

2. Stout

3. Horrible

4. Precarious

Question ID : 26433058315

Status : Answered

Chosen Option : 3

**Q.7 Select the most appropriate meaning of the underlined word in a sentence.**

He appealed to the laws of the land to vindicate from his assailants.

Ans  1. prove  
 2. exonerate  
 3. banish  
 4. assess

Question ID : 26433055996

Status : Not Answered

Chosen Option : --

**Q.8 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.**

I'll try to phone you in the meeting.

Ans  1. at the meeting  
 2. during the meeting  
 3. in meeting  
 4. No substitution required

Question ID : 26433063546

Status : Answered

Chosen Option : 2

**Q.9 Select the option that expresses the given sentence in direct speech.**

She said that she had already eaten her dinner.

Ans  1. She said, "I am already eating my dinner."  
 2. She said, "I had my dinner."  
 3. She said, "I have already eaten my dinner."  
 4. She said, "I had already ate my dinner."

Question ID : 26433071842

Status : Answered

Chosen Option : 3

**Q.10 Select the most appropriate option to substitute the underlined segment in the given sentence.**

The magazine teaches parents how to behaves towards children.

Ans  1. how should behave towards their  
 2. how will behave towards  
 3. how to behaving their  
 4. how to behave towards

Question ID : 26433055988

Status : Answered

Chosen Option : 2

**Q.11 Select the option that expresses the given sentence in passive voice.**

What makes you nervous before exams?

Ans  1. Why exams are making you nervous?  
 2. Why do exams make you nervous?  
 3. By what are you made nervous before exams?  
 4. How is nervousness caused before exams?

Question ID : 26433065155

Status : Answered

Chosen Option : 3

**Q.12 Select the most appropriate meaning of the underlined idiom.**

His grandfather always laughs like a drain.

Ans  1. Laugh bitterly  
 2. Laugh fearfully  
 3. Laugh silently  
 4. Laugh loudly

Question ID : 26433063649

Status : Answered

Chosen Option : 3

**Q.13 Select the most appropriate meaning of the underlined idiom in the given sentence.**

In his speech on dowry, he set forth his views at length.

Ans  1. ran  
 2. started  
 3. explained  
 4. hid

Question ID : 26433055454

Status : Answered

Chosen Option : 3

**Q.14 Select the option that can be used as a one-word substitute for the given group of words.**

One who is extravagantly romantic, chivalrous and impractical.

Ans  1. Blonde  
 2. Quixotic  
 3. Teetotaler  
 4. Virago

Question ID : 26433055981

Status : Not Answered

Chosen Option : --

**Q.15 Select the correct superlative degree of comparison for the given sentence.**

**This is one of the beautiful places in the area.**

Ans  1. This is one of the most beautiful places in the area.  
 2. This is one of the more beautiful places in the area.  
 3. This is one of the beautiful places in the area.  
 4. This is a beautiful place in the area.

Question ID : 26433055444

Status : Answered

Chosen Option : 1

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Thousands of persons must (1) \_\_\_\_\_ the same thing to her since, but I happened to be the first in the line. Anyone likes to hear flattering sentiments, and more than others, I suppose, dancers. They like (2) \_\_\_\_\_ every hour of the day how well they keep their steps. I praised her art whenever I could (3) \_\_\_\_\_ alone with her and whisper in her ear, out of range of that husband of hers. Oh, what a man! I have not met a more grotesque creature in my life. Instead of calling herself Rosie, she could more logically (4) \_\_\_\_\_ him Marco Polo. He dressed like a man about to undertake an expedition—with his thick coloured glasses, thick jacket and a thick helmet over which was perpetually stretched a green, shiny waterproof cover, giving him the appearance of a space traveller. I have, of course, no idea of the original Marco Polo's appearance, but I wanted to call this man Marco (5) \_\_\_\_\_, and I have not bothered to associate him with any other name since.

**SubQuestion No : 16**

**Q.16 Select the most appropriate option to fill in blank number 1.**

Ans  1. have said  
 2. says  
 3. saying  
 4. said

Question ID : 26433063559

Status : Answered

Chosen Option : 1

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Thousands of persons must (1) \_\_\_\_\_ the same thing to her since, but I happened to be the first in the line. Anyone likes to hear flattering sentiments, and more than others, I suppose, dancers. They like (2) \_\_\_\_\_ every hour of the day how well they keep their steps. I praised her art whenever I could (3) \_\_\_\_\_ alone with her and whisper in her ear, out of range of that husband of hers. Oh, what a man! I have not met a more grotesque creature in my life. Instead of calling herself Rosie, she could more logically (4) \_\_\_\_\_ him Marco Polo. He dressed like a man about to undertake an expedition—with his thick coloured glasses, thick jacket and a thick helmet over which was perpetually stretched a green, shiny waterproof cover, giving him the appearance of a space traveller. I have, of course, no idea of the original Marco Polo's appearance, but I wanted to call this man Marco (5) \_\_\_\_\_, and I have not bothered to associate him with any other name since.

**SubQuestion No : 17**

**Q.17 Select the most appropriate option to fill in blank number 2.**

Ans  1. told  
 2. tell  
 3. to be told  
 4. to have told

Question ID : 26433063560

Status : Answered

Chosen Option : 3

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Thousands of persons must (1) \_\_\_\_\_ the same thing to her since, but I happened to be the first in the line. Anyone likes to hear flattering sentiments, and more than others, I suppose, dancers. They like (2) \_\_\_\_\_ every hour of the day how well they keep their steps. I praised her art whenever I could (3) \_\_\_\_\_ alone with her and whisper in her ear, out of range of that husband of hers. Oh, what a man! I have not met a more grotesque creature in my life. Instead of calling herself Rosie, she could more logically (4)

\_\_\_\_\_ him Marco Polo. He dressed like a man about to undertake an expedition—with his thick coloured glasses, thick jacket and a thick helmet over which was perpetually stretched a green, shiny waterproof cover, giving him the appearance of a space traveller. I have, of course, no idea of the original Marco Polo's appearance, but I wanted to call this man Marco (5) \_\_\_\_\_, and I have not bothered to associate him with any other name since.

**SubQuestion No : 18**

**Q.18** Select the most appropriate option to fill in blank number 3.

**Ans**  1. snatches a moment

2. snatched a moment

3. snatch a moment

4. have snatched a moment

Question ID : 26433063561

Status : Answered

Chosen Option : 2

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Thousands of persons must (1) \_\_\_\_\_ the same thing to her since, but I happened to be the first in the line. Anyone likes to hear flattering sentiments, and more than others, I suppose, dancers. They like (2) \_\_\_\_\_ every hour of the day how well they keep their steps. I praised her art whenever I could (3) \_\_\_\_\_ alone with her and whisper in her ear, out of range of that husband of hers. Oh, what a man! I have not met a more grotesque creature in my life. Instead of calling herself Rosie, she could more logically (4)

\_\_\_\_\_ him Marco Polo. He dressed like a man about to undertake an expedition—with his thick coloured glasses, thick jacket and a thick helmet over which was perpetually stretched a green, shiny waterproof cover, giving him the appearance of a space traveller. I have, of course, no idea of the original Marco Polo's appearance, but I wanted to call this man Marco (5) \_\_\_\_\_, and I have not bothered to associate him with any other name since.

**SubQuestion No : 19**

**Q.19** Select the most appropriate option to fill in blank number 4.

**Ans**  1. called

2. had called

3. have called

4. been called

Question ID : 26433063562

Status : Answered

Chosen Option : 3

# Shubham Sir Maths

## Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Thousands of persons must (1) \_\_\_\_\_ the same thing to her since, but I happened to be the first in the line. Anyone likes to hear flattering sentiments, and more than others, I suppose, dancers. They like (2) \_\_\_\_\_ every hour of the day how well they keep their steps. I praised her art whenever I could (3) \_\_\_\_\_ alone with her and whisper in her ear, out of range of that husband of hers. Oh, what a man! I have not met a more grotesque creature in my life. Instead of calling herself Rosie, she could more logically (4)

\_\_\_\_\_ him Marco Polo. He dressed like a man about to undertake an expedition—with his thick coloured glasses, thick jacket and a thick helmet over which was perpetually stretched a green, shiny waterproof cover, giving him the appearance of a space traveller. I have, of course, no idea of the original Marco Polo's appearance, but I wanted to call this man Marco (5) \_\_\_\_\_, and I have not bothered to associate him with any other name since.

## SubQuestion No : 20

Q.20 Select the most appropriate option to fill in blank number 5.

Ans  1. at first sight

2. over first sight

3. on first sight

4. in first sight

Question ID : 26433063563

Status : Answered

Chosen Option : 1

## Comprehension:

Read the given passage and answer the questions that follow.

Rao kept his important papers stacked in an almirah, which he kept locked, and the key hidden under a lining paper in another cupboard where he kept his clothes and a few odds and ends, and the key of this second cupboard also was hidden somewhere, so that no one could have access to the two cupboards, which contained virtually all the clues to his life. Occasionally on an afternoon, at his hour of clarity and energy, he'd leave his easy-chair, bolt the door and open the first cupboard, take out the key under the paper lining, and then open the other cupboard containing his documents—title-deeds, diaries, papers and a will.

## SubQuestion No : 21

Q.21 Which of the following is most nearly similar in meaning to the phrase 'Odds and ends' as used in the passage?

Ans  1. Lost items of different types

2. Various things of different types

3. Precious items of different types

4. Rare items of different types

Question ID : 26433063595

Status : Answered

Chosen Option : 3

**Comprehension:**

Read the given passage and answer the questions that follow.

Rao kept his important papers stacked in an almirah, which he kept locked, and the key hidden under a lining paper in another cupboard where he kept his clothes and a few odds and ends, and the key of this second cupboard also was hidden somewhere, so that no one could have access to the two cupboards, which contained virtually all the clues to his life. Occasionally on an afternoon, at his hour of clarity and energy, he'd leave his easy-chair, bolt the door and open the first cupboard, take out the key under the paper lining, and then open the other cupboard containing his documents—title-deeds, diaries, papers and a will.

**SubQuestion No : 22**

**Q.22 What sort of papers were considered important by Rao?**

Ans  1. Title-deeds, diaries, papers and a will  
 2. Love letters  
 3. Bank passbooks  
 4. Share market papers

Question ID : 26433063594

Status : Answered

Chosen Option : 1

**Comprehension:**

Read the given passage and answer the questions that follow.

Rao kept his important papers stacked in an almirah, which he kept locked, and the key hidden under a lining paper in another cupboard where he kept his clothes and a few odds and ends, and the key of this second cupboard also was hidden somewhere, so that no one could have access to the two cupboards, which contained virtually all the clues to his life. Occasionally on an afternoon, at his hour of clarity and energy, he'd leave his easy-chair, bolt the door and open the first cupboard, take out the key under the paper lining, and then open the other cupboard containing his documents—title-deeds, diaries, papers and a will.

**SubQuestion No : 23**

**Q.23 Which of the following is the most appropriate word to substitute the word 'stacked' as used in the passage?**

Ans  1. Removed  
 2. Torn  
 3. Piled  
 4. Spoiled

Question ID : 26433063597

Status : Answered

Chosen Option : 3

**Comprehension:**

Read the given passage and answer the questions that follow.

Rao kept his important papers stacked in an almirah, which he kept locked, and the key hidden under a lining paper in another cupboard where he kept his clothes and a few odds and ends, and the key of this second cupboard also was hidden somewhere, so that no one could have access to the two cupboards, which contained virtually all the clues to his life. Occasionally on an afternoon, at his hour of clarity and energy, he'd leave his easy-chair, bolt the door and open the first cupboard, take out the key under the paper lining, and then open the other cupboard containing his documents—title-deeds, diaries, papers and a will.

**SubQuestion No : 24**

**Q.24 How did Rao ensure the safety of his important papers?**

Ans  1. By putting them in the custody of his wife  
 2. By stacking them in a bank lockup  
 3. By stacking them in an almirah with lock and key  
 4. By getting them laminated

Question ID : 26433063593

Status : Answered

Chosen Option : 3

**Comprehension:**

Read the given passage and answer the questions that follow.

Rao kept his important papers stacked in an almirah, which he kept locked, and the key hidden under a lining paper in another cupboard where he kept his clothes and a few odds and ends, and the key of this second cupboard also was hidden somewhere, so that no one could have access to the two cupboards, which contained virtually all the clues to his life. Occasionally on an afternoon, at his hour of clarity and energy, he'd leave his easy-chair, bolt the door and open the first cupboard, take out the key under the paper lining, and then open the other cupboard containing his documents—title-deeds, diaries, papers and a will.

**SubQuestion No : 25**

Q.25 Which of the following is most nearly similar in meaning to the word 'Access' as used in the passage?

Ans  1. To be able to decrease something  
 2. To be able to increase something  
 3. To be able to obtain something  
 4. To be able to overpower

Question ID : 26433063596

Status : Answered

Chosen Option : 3

**Section : Quantitative Aptitude**

Q.1 Simplify the following:

$$\frac{8.79 \times 8.79 \times 8.79 - 6.79 \times 6.79 \times 6.79}{8.79 \times 8.79 + 8.79 \times 6.79 + 6.79 \times 6.79}$$

Ans  1. 1.14  
 2. 8  
 3. 6  
 4. 2

Question ID : 26433061182

Status : Answered

Chosen Option : 4

Q.2 Two pipes X and Y can fill a tank in 12 minutes and 18 minutes, respectively. If both the pipes are opened simultaneously, how long will it take to fill the tank?

Ans  1. 15 minutes  
 2.  $\frac{5}{36}$  minutes  
 3. 14 minutes  
 4.  $7\frac{1}{5}$  minutes

Question ID : 26433058156

Status : Answered

Chosen Option : 4

Q.3 A car travels at a speed of 40 km/h for 15 minutes and at a speed of 72 km/h for the next 5 minutes. The average speed of the car for the whole journey is:

Ans  1. 43 km/h  
 2. 41 km/h  
 3. 45 km/h  
 4. 48 km/h

Question ID : 26433061386

Status : Not Answered

Chosen Option : --

Q.4 A sum of ₹2,400 is divided among A, B and C such that A receives 25% less than B and B receives 20% less than C. The ratio between A's amount and B's amount is:

Ans  1. 3 : 4  
 2. 5 : 4  
 3. 4 : 5  
 4. 3 : 5

Question ID : 26433062631

Status : Answered

Chosen Option : 1

Q.5 A car is sold on for successive discounts of 10%, 12%, 15% and 20%. If the selling price of the car is ₹1,68,300, then what is the marked price of the car?

Ans  1. ₹4,25,600  
 2. ₹4,12,800  
 3. ₹3,12,500  
 4. ₹5,11,600

Question ID : 26433071230

Status : Answered

Chosen Option : 3

Q.6 X can complete a work in 5 days and Y in 10 days. If they work on it together for 2 days, then the fraction of the work that is left is:

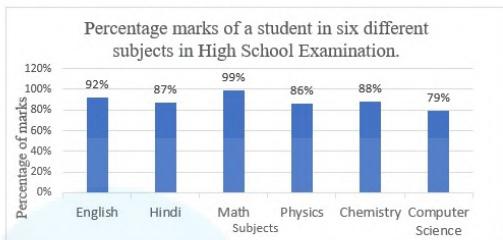
Ans  1.  $\frac{1}{5}$   
 2.  $\frac{2}{3}$   
 3.  $\frac{2}{5}$   
 4.  $\frac{1}{2}$

Question ID : 26433058689

Status : Answered

Chosen Option : 3

**Q.7** The following bar graph displays the information about the percentage marks of a student in six different subjects in the High School Examination. The maximum marks of all the subjects are equal. Study the bar graph carefully and answer the question that follows.



What is the percentage score of all the six subjects combined?

**Ans**

- 1. 90.6 Percent
- 2. 84.8 Percent
- 3. 86.9 Percent
- 4. 88.5 Percent

Question ID : 26433063251

Status : Answered

Chosen Option : 4

**Q.8** A chord of a circle of radius 21 cm makes a right angle at the centre. Find the area of major segment (take  $\pi = 22/7$ ) closest to nearest integer.

**Ans**

- 1. 1360 cm<sup>2</sup>
- 2. 1436 cm<sup>2</sup>
- 3. 1260 cm<sup>2</sup>
- 4. 1160 cm<sup>2</sup>

Question ID : 26433061434

Status : Not Answered

Chosen Option : --

**Q.9** A girl, 4 feet tall can cast a shadow on the ground that is 5 feet long. How tall is a boy who can cast a shadow that is 10 feet long?

**Ans**

- 1. 7 feet
- 2. 5 feet
- 3. 6 feet
- 4. 8 feet

Question ID : 26433056320

Status : Answered

Chosen Option : 4

**Q.10** The following table shows the number of students in different streams in 5 departments. Study the table carefully and answer the question based on the table.

Stream	Department				
	A	B	C	D	E
Physics	400	500	350	300	600
Chemistry	750	600	700	500	450
Mathematics	350	400	450	500	650
Computer Science	250	300	380	550	750

Find the ratio of students in departments A and B in Physics, Chemistry and Mathematics streams.

**Ans**  1. 1 : 3

2. 3 : 1

3. 1 : 1

4. 2 : 1

Question ID : 26433064038

Status : Answered

Chosen Option : 3

**Q.11** A seller sells oranges at the rate of 10 for Rs.28, gaining thereby 40%. For how much did he buy a dozen oranges?

**Ans**  1. Rs.20

2. Rs.28

3. Rs.24

4. Rs.48

Question ID : 26433061254

Status : Answered

Chosen Option : 3

**Q.12** The value of  $\sin 135^\circ + \cos 270^\circ$  is:

**Ans**  1.  $\frac{1}{\sqrt{3}}$

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

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

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

Question ID : 26433056352

Status : Answered

Chosen Option : 2

**Q.13** The length of the tangent to a circle from a point P, is 17 cm. Point P is 20 cm away from the centre. What is the radius of the circle?

**Ans**  1.  $\sqrt{111}$  cm

2.  $\sqrt{126}$  cm

3.  $\sqrt{121}$  cm

4.  $\sqrt{131}$  cm

Question ID : 26433061094

Status : Answered

Chosen Option : 1

**Q.14** A table showing the percentages of the total population of a state by age groups for the year 2019 is given.

Age group in years	Up to 16	17-24	25-32	33-40	41-48	49-56	57 and above
Percentage	28.00	16.35	17.20	14.45	15.21	7.15	1.64

Out of every 3,800 persons what is the number of persons below 25 years? (Correct to closest integer value)

**Ans**  1. 1,264 approx.

2. 1,432 approx.

3. 1,685 approx.

4. 1,543 approx.

Question ID : 26433063805

Status : Answered

Chosen Option : 3

**Q.15** Raj's monthly income was Rs.12,000 and his monthly expenditure was Rs.8,500. Next year his income increased by 10% and his expenditure increased by 10%. What was the percentage increase or decrease in his savings?

**Ans**  1. 20% decrease

2. 10% decrease

3. 10% increase

4. 20% increase

Question ID : 26433058401

Status : Answered

Chosen Option : 3

**Q.16** The average age of the father and his five children is 10 years which is decreased by 6 years if the age of the father is excluded. The age of the father is:

**Ans**  1. 40 years

2. 45 years

3. 37 years

4. 25 years

Question ID : 26433061125

Status : Answered

Chosen Option : 1

**Q.17** A retailer marks up the price of his goods by 30%. He sells 50% of his goods at a discount of 8% and the remaining at a discount of 6%. Find his profit percentage.

**Ans**  1. 13.2%

2. 19.4%

3. 20.9%

4. 17.6%

Question ID : 26433061140

Status : Not Answered

Chosen Option : --

**Q.18** A thief steals a scooter at 1:40 p.m. and drives it at 54 km/h. The theft is discovered at 2:10 p.m. and the owner sets off to chase the thief on another scooter at 72 km/h. At what time will he catch the thief?

Ans  1. 3:40 p.m.  
 2. 4:10 p.m.  
 3. 4:50 p.m.  
 4. 3:20 p.m.

Question ID : 26433063797

Status : Answered

Chosen Option : 1

**Q.19** If  $\frac{x-1}{x} = 5$ , then the value of  $1 + \frac{1}{x^2}$  is:

Ans  1. 16  
 2. 18  
 3. 17  
 4. 27

Question ID : 26433058994

Status : Answered

Chosen Option : 3

**Q.20** If a man deposits Rs.12,100 in a bank at a simple interest of 15% per annum, then how much money will he receive from the bank after 3 years?

Ans  1. Rs.17,545  
 2. Rs.16,520  
 3. Rs.15,115  
 4. Rs.17,200

Question ID : 26433061153

Status : Answered

Chosen Option : 1

**Q.21** A student obtained 72 marks in Biology, 84 marks in Hindi, 91 marks in Mathematics, 80 marks in Science and 73 marks in English (out of 100). Find his average marks.

Ans  1. 65  
 2. 70  
 3. 60  
 4. 80

Question ID : 26433061122

Status : Answered

Chosen Option : 4

**Q.22** Find the fourth proportional to  $m + 3$ ,  $m + 7$  and  $15m$  if  $m = 3$ .

Ans  1. 58  
 2. 50  
 3. 75  
 4. 62

Question ID : 26433061152

Status : Answered

Chosen Option : 3

Q.23 A cuboid of length 18m, breadth 12m, and height 8m is melted and recast into a cube. Find the length of diagonal of the cube.

Ans  1.  $8\sqrt{3}$  m  
 2.  $9\sqrt{3}$  m  
 3.  $18\sqrt{3}$  m  
 4.  $12\sqrt{3}$  m

Question ID : 26433061745

Status : Answered

Chosen Option : 4

Q.24 If the product  $6352 \times 7A1$  is divisible by 12, then the value of A is:

Ans  1. 6  
 2. 3  
 3. 5  
 4. 4

Question ID : 26433061120

Status : Not Answered

Chosen Option : --

Q.25 What is the value of  $0.\overline{34}$  expressed as a fraction?

Ans  1.  $\frac{34}{90}$   
 2.  $\frac{3444}{90}$   
 3.  $\frac{31}{100}$   
 4.  $\frac{31}{90}$

Question ID : 26433063287

Status : Answered

Chosen Option : 4

Section : General Awareness

Q.1 The name of which chemical element of group 1 was discovered in 1817 from the Greek word meaning stone?

Ans  1. Sodium  
 2. Potassium  
 3. Hydrogen  
 4. Lithium

Question ID : 26433055763

Status : Answered

Chosen Option : 4

**Q.2 Cooperative sector industries are operated by producers and suppliers of raw material. Which of the following is an example of a cooperative sector industry?**

Ans  1. BHEL  
 2. TISCO  
 3. Sugar industry  
 4. Oil India Ltd.

Question ID : 26433055654

Status : Not Answered

Chosen Option : --

**Q.3 Who among the following leaders was known as 'Deshbandhu'?**

Ans  1. Balashastri Jambhekar  
 2. Gopalhari Deshmukh  
 3. Chittaranjan Das  
 4. Bal Gangadhar Tilak

Question ID : 26433055646

Status : Answered

Chosen Option : 3

**Q.4 How many members are there in the Committee on Public Undertakings in India?**

Ans  1. 22  
 2. 15  
 3. 35  
 4. 30

Question ID : 26433064725

Status : Not Answered

Chosen Option : --

**Q.5 Under which Amendment to the Constitution Act was the reservation for OBCs in educational institutions made?**

Ans  1. 95<sup>th</sup> Amendment  
 2. 94<sup>th</sup> Amendment  
 3. 93<sup>rd</sup> Amendment  
 4. 96<sup>th</sup> Amendment

Question ID : 26433064704

Status : Not Answered

Chosen Option : --

**Q.6 The tomb of Sher Shah Suri is located at which of the following places?**

Ans  1. Patna  
 2. Shergarh  
 3. Hyderabad  
 4. Sasaram

Question ID : 26433071464

Status : Answered

Chosen Option : 3

Q.7 \_\_\_\_\_ union territory has the highest literacy rate as per 2011 census.

Ans  1. Pondicherry  
 2. Chandigarh  
 3. Andaman and Nicobar Islands  
 4. Lakshadweep

Question ID : 26433066601

Status : Answered

Chosen Option : 3

Q.8 Which of the following is a micronutrient, and plays a role in cell division, cell growth, wound healing and the breakdown of carbohydrates?

Ans  1. Fe  
 2. Zn  
 3. Cu  
 4. Ca

Question ID : 26433054920

Status : Answered

Chosen Option : 4

Q.9 By whom among the following personalities who lived in the White House is 'Living History' a famous book written?

Ans  1. Ivanka Trump  
 2. Hillary Rodham Clinton  
 3. Laura Bush  
 4. Melania Trump

Question ID : 26433064620

Status : Not Answered

Chosen Option : --

Q.10 Tsunami is NOT caused by:

Ans  1. Hurricanes  
 2. volcanic eruptions  
 3. undersea landslides  
 4. Earthquakes

Question ID : 26433064470

Status : Answered

Chosen Option : 1

Q.11 Macaulay's Minute on Education was passed in:

Ans  1. 1837  
 2. 1834  
 3. 1835  
 4. 1832

Question ID : 26433055528

Status : Not Answered

Chosen Option : --

Q.12 Who among the following appoints the Governor of State?

Ans  1. The Vice President  
 2. The Prime Minister  
 3. The Attorney General  
 4. The President

Question ID : 26433055553

Status : Answered

Chosen Option : 4

Q.13 Manika Batra won the 82nd Senior National Table Tennis Championship (Female Category) held at Panchkula in \_\_\_\_\_ 2021.

Ans  1. September  
 2. June  
 3. February  
 4. April

Question ID : 26433054857

Status : Not Answered

Chosen Option : --

Q.14 Which Union Territory's appropriation Bill passed in Lok Sabha in 2021 allowed the Central Government to authorise payment and appropriation of certain further sums from and out of the Consolidated Fund of the said Union Territory for the services of the financial year 2020-21?

Ans  1. Lakshadweep  
 2. Chandigarh  
 3. Delhi  
 4. Puducherry

Question ID : 26433054827

Status : Not Answered

Chosen Option : --

Q.15 Rana Pratap Singh fought against the Mughals at \_\_\_\_\_ in 1576.

Ans  1. Haldighati  
 2. Chittor  
 3. Ranakpur  
 4. Kumbhalgarh

Question ID : 26433055619

Status : Answered

Chosen Option : 2

Q.16 Which state showed the lowest levels of poverty, according to the Multidimensional Poverty Index 2021?

Ans  1. Mizoram  
 2. Goa  
 3. Punjab  
 4. Kerala

Question ID : 26433069792

Status : Answered

Chosen Option : 2

Q.17 Who among the following was defeated by Prithviraj Chauhan in the first battle of Tarain?

Ans  1. Muhammad Ghori  
 2. Mahmud Ghazni  
 3. Iltutmish  
 4. Qutbuddin Aibak

Question ID : 26433055610

Status : Answered

Chosen Option : 1

Q.18 Who among the following released a signature tune for 'Vande Bharatam' in March 2022?

Ans  1. Smriti Zubin Irani  
 2. Pratima Bhowmik  
 3. Meenakshi Lekhi  
 4. Anupriya Patel

Question ID : 26433061839

Status : Not Answered

Chosen Option : --

Q.19 In April 2021, \_\_\_\_\_ was selected for the award instituted by the Pookkad Kalalayam in Kozhikode, in memory of noted musician Malabar Sukumaran Bhagavathar in recognition of her comprehensive contribution to classical dance.

Ans  1. Srirangam Gopalaratnam  
 2. Bhanupriya  
 3. Sreelakshmy Govardhanan  
 4. P Ramadevi

Question ID : 26433054853

Status : Not Answered

Chosen Option : --

Q.20 Mozzarella, cheddar and camembert are varieties of:

Ans  1. yoghurt  
 2. vinegar  
 3. bread  
 4. cheese

Question ID : 26433064168

Status : Not Answered

Chosen Option : --

Q.21 The language of the Aryan texts was:

Ans  1. Ardh-Magadha Prakrit  
 2. Prakrit  
 3. Persian  
 4. Sanskrit

Question ID : 26433055518

Status : Not Answered

Chosen Option : --

Q.22 Which river was known as the 'Sorrow of Bengal'?

Ans  1. Ganga  
 2. Damodar  
 3. Yamuna  
 4. Kosi

Question ID : 26433054959

Status : Answered

Chosen Option : 2

Q.23 Who among the following personalities is an exponent of the Manipuri dance form?

Ans  1. Kumudini Lakhia  
 2. Rajkumar Singhajit Singh  
 3. MK Saroja  
 4. Makar Dhwaja Darogha

Question ID : 26433054868

Status : Answered

Chosen Option : 2

Q.24 On 8 February 2009, for the 51<sup>st</sup> Grammy Awards, \_\_\_\_\_ won in the category Contemporary World Music Album for his collaborative album Global Drum Project along with Mickey Hart, Sikiru Adepoju and Giovanni Hidalgo.

Ans  1. Zakir Hussain  
 2. Anindo Chatterjee  
 3. Kumar Bose  
 4. Swapan Chaudhuri

Question ID : 26433054848

Status : Not Answered

Chosen Option : --

Q.25 The first Republic Day parade was held in which of the following years?

Ans  1. 1952  
 2. 1951  
 3. 1949  
 4. 1950

Question ID : 26433064323

Status : Answered

Chosen Option : 4