

## Phase X/2022/Selection Posts and Selection Posts/Ladakh/2022

Roll Number	
Candidate Name	
Venue Name	
Exam Date	02/08/2022
Exam Time	11:45 AM - 12:45 PM
Subject	Selection Post Phase X Higher Secondary Level

Section : General Intelligence

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**Q.1** Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.

1. milli
2. nano
3. centi
4. giga
5. mega

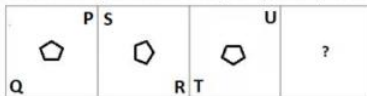
- Ans**
- 1. 4, 3, 2, 1, 5
  - 2. 4, 5, 2, 3, 1
  - 3. 2, 1, 3, 5, 4
  - 4. 2, 4, 5, 3, 1

Question ID : 26433067498

Status : Answered

Chosen Option : 3

**Q.2** Select the figure from among the given options that can replace the question mark (?) in the following series.



**Ans**

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

Question ID : 26433057854

Status : Answered

Chosen Option : 2

Q.3 In a certain code language, 'CHILD' is written as '6169248' and 'GUEST' is written as '142153840'. How will 'BOOK' be written in that language?

- Ans
- 1. 23011
  - 2. 4151522
  - 3. 2303011
  - 4. 41522

Question ID : 26433065598  
Status : Answered  
Chosen Option : 2

Q.4 In a code language, 'FIG' is coded as 9, and 'PLUM' is coded as 16. How will 'GUAVA' be coded in the same language?

- Ans
- 1. 35
  - 2. 25
  - 3. 20
  - 4. 30

Question ID : 26433057758  
Status : Answered  
Chosen Option : 2

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.

SONG: VQOT :: RIDE : UKEV :: BEAR : ?

- Ans
- 1. EGBI
  - 2. CGDI
  - 3. EHDU
  - 4. YVZI

Question ID : 26433057483  
Status : Answered  
Chosen Option : 1

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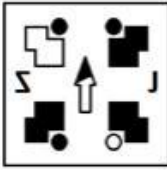
**Q.6** Which of the option figures is the exact mirror image of the given problem figure when the mirror is held at the right side?

Problem figure:

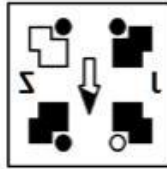


Ans

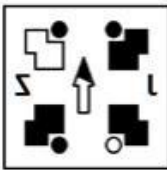
✗ 1.



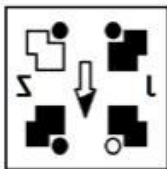
✓ 2.



✗ 3.



✗ 4.



Question ID : 26433057389  
Status : Answered  
Chosen Option : 2

**Q.7** 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.

HEATED : TWAHWX :: BODIES : ZMXSWI :: CABLES : ?

Ans ✗ 1. YAZPXI

✗ 2. YAZQWJ

✓ 3. YAZPWI

✗ 4. YBZPWI

Question ID : 26433057260  
Status : Answered  
Chosen Option : 3

**Q.8** In a certain code language, 'ANCIENT' is written as 'EPCIVPG' and 'ADVANCE' is written as 'XFCAGEP'. How will 'ABILITY' be written in that language?

Ans ✗ 1. KDCLAWK

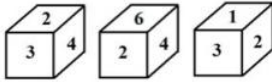
✗ 2. KDCLBVK

✗ 3. KDCNAVK

✓ 4. KDCLAVK

Question ID : 26433057289  
Status : Answered  
Chosen Option : 4

Q.9 Three positions of the same dice are given. What will be the digit on the face opposite to the face having the digit 3?



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

Question ID : 26433057368  
Status : Answered  
Chosen Option : 3

Q.10 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 conclusions logically follow(s) from the statements.

Statements:

Some wallets are purses.

Some purses are bags.

All bags are suitcases.

Conclusions:

I. No wallet is a suitcase.

II. Some purses are suitcases.

III. All wallets being bags is a possibility.

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

Question ID : 26433058046  
Status : Answered  
Chosen Option : 4

Q.11 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.)

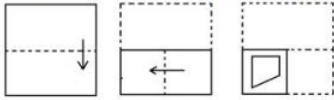
(23, 9, 307)

(17, 21, 457)

- Ans
- 1. (28, 13, 464)
  - 2. (34, 8, 392)
  - 3. (14, 26, 264)
  - 4. (18, 4, 222)

Question ID : 26433057515  
Status : Answered  
Chosen Option : 1

**Q.12** 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**

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

Question ID : 26433057417  
Status : Answered  
Chosen Option : 3

**Q.13** Which of the following letter-clusters will replace the question mark (?) in the given series?  
ZG, BD, CX, EO, FC, ?

- Ans**
- 1. HM
  - 2. HN
  - 3. HK
  - 4. HL

Question ID : 26433057197  
Status : Answered  
Chosen Option : 2

**Q.14** In a code language, 'TUBE' is coded as XYFI and 'WIRE' is coded as AMVI. How will 'BULB' be coded in the same language?

- Ans**
- 1. FYQE
  - 2. EYPZ
  - 3. FYPF
  - 4. FZPF

Question ID : 26433057900  
Status : Answered  
Chosen Option : 3

Q.15 In a certain code language, 'GOOD' is written as '75' and 'FINE' is written as '82'. How will 'BEST' be written in that language?

- Ans
- 1. 68
  - 2. 72
  - 3. 62
  - 4. 70

Question ID : 26433057280  
Status : Not Answered  
Chosen Option : --

Q.16 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.

PROM: QJLN :: WEAR: XWZI :: NOSE: ?

- Ans
- 1. OPTF
  - 2. LKGU
  - 3. MLHV
  - 4. OMHV

Question ID : 26433057487  
Status : Answered  
Chosen Option : 3

Q.17 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Luxury
2. Lyrics
3. Luscious
4. Lyrical
5. Luxurious

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

Question ID : 26433057879  
Status : Answered  
Chosen Option : 3

Q.18 Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)

Bee : Buzz :: Bird : ?

- Ans
- 1. Nest
  - 2. Chick
  - 3. Chirp
  - 4. Egg

Question ID : 26433057959  
Status : Answered  
Chosen Option : 3

Q.19 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 notebooks are stationeries.

Some stationeries are pencils.

All pencils are costly.

Conclusions:

I. All notebooks are pencils.

II. All stationeries are costly.

- Ans
- 1. Only conclusion II follows.
  - 2. Only conclusion I follows.
  - 3. Neither conclusion I nor II follows.
  - 4. Both conclusions I and II follow.

Question ID : 26433057915  
Status : Answered  
Chosen Option : 3

Q.20 'A # B' means 'A is the husband of B'  
'A @ B' means 'A is the wife of B'  
'A & B' means 'A is the mother of B'  
'A % B' means 'A is the father of B'  
If 'J @ I % H # G & F', then how is I related to F?

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

Question ID : 26433057772  
Status : Answered  
Chosen Option : 3

Q.21 Which of the following interchanges of numbers (not the digits of the numbers) would make the given equation correct?  
 $16 \times 12 \div 4 + 8 - 16 = 32$

- Ans
- 1. 8 and 32
  - 2. 4 and 32
  - 3. 8 and 16
  - 4. 12 and 16

Question ID : 26433057354  
Status : Answered  
Chosen Option : 1

Q.22 Which of the following letter-clusters will replace the question mark (?) in the given series?  
XI, EE, LB, SZ, ?

- Ans
- 1. YY
  - 2. ZY
  - 3. ZX
  - 4. YZ

Question ID : 26433057181  
Status : Answered  
Chosen Option : 2

Q.23 In a code language, 'he is tall' is coded as 'lu ma na', 'Giraffe is tall' is coded as 'na pa ma'. What is the code for the word 'Giraffe'?

- Ans  1. pa  
 2. lu  
 3. na  
 4. ma

Question ID : 26433057281  
Status : Answered  
Chosen Option : 1

Q.24 Which of the following numbers will replace the question mark (?) in the given series?  
91, 102, 139, ?, 187, 198, 235

- Ans  1. 162  
 2. 145  
 3. 155  
 4. 150

Question ID : 26433057541  
Status : Answered  
Chosen Option : 1

Q.25 A is the brother of B. B is the son of C. C is married to D. E is the daughter of D. E is married to F. How is A related to F?

- Ans  1. Wife's brother  
 2. Father's father  
 3. Brother  
 4. Father-in-law

Question ID : 26433057719  
Status : Answered  
Chosen Option : 3

Section : English Language

Q.1 Select the option that expresses the given sentence in active voice.

The assignment will be completed by him tomorrow.

- Ans  1. He is completing the assignment tomorrow.  
 2. He will complete the assignment tomorrow.  
 3. He will have completed the assignment tomorrow.  
 4. He will be completing the assignment tomorrow.

Question ID : 26433063525  
Status : Answered  
Chosen Option : 2



**Q.2** Select the option that can be used as a one-word substitute for the given group of words.

One who loves wisdom and hence pursues it

- Ans**
- 1. Philanderer
  - 2. Astrologer
  - 3. Philosopher
  - 4. Psychologist

Question ID : 26433055976  
Status : Answered  
Chosen Option : 3

**Q.3** Select the option that expresses the given sentence in active voice.

Rohit was taught classical music by the most renowned master in the state Sri Sanath Maharaj

- Ans**
- 1. The most renowned master in the state Sri Sanath Maharaj was taught classical music by Rohit.
  - 2. The most renowned master in the state Sri Sanath Maharaj taught classical music to Rohit
  - 3. The classical music Rohit learnt was from the most renowned master in the state Sri Sanath Maharaj.
  - 4. The most renowned master in the state Sri Sanath Maharaj is teaching classical music to Rohit

Question ID : 26433055600  
Status : Answered  
Chosen Option : 2

**Q.4** Select the INCORRECTLY spelt word.

- Ans**
- 1. Adjust
  - 2. Alive
  - 3. Asleep
  - 4. Abraod

Question ID : 26433055461  
Status : Answered  
Chosen Option : 4

**Q.5** 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'.

In the introductory session, the teacher asked me to what district I came from.

- Ans**
- 1. to which district
  - 2. No substitution required
  - 3. which district
  - 4. what district

Question ID : 26433063545  
Status : Answered  
Chosen Option : 1

Q.6 Select the most appropriate synonym of the underlined word.

The teacher corroborated the statement of the principal.

- Ans  1. confirmed  
 2. disagreed  
 3. disapproved  
 4. criticised

Question ID : 26433063590  
Status : Answered  
Chosen Option : 2

Q.7 Select the most appropriate meaning of the underlined idiom in the given sentence.

All eyes turned to him because he was the only person who could stave off the impending war.

- Ans  1. prevent  
 2. invoke  
 3. draw  
 4. provoke

Question ID : 26433055450  
Status : Answered  
Chosen Option : 1

Q.8 Select the correct superlative degree of comparison for the given sentence..

The money arrived when I (little) expected it.

- Ans  1. The money arrived when I least expected it.  
 2. The money arrived when I less expected it.  
 3. The money arrived when I little expected it.  
 4. The money arrived when I expected it.

Question ID : 26433055445  
Status : Answered  
Chosen Option : 1

Q.9 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. A small stream emerged from a cluster of rocks to feed the pool.  
B. It was on such a day – a hot, tired day – that Ranji found the pool in the forest.  
C. During the monsoon, this stream would be a gushing torrent, cascading down from the hills, but during the summer, it was barely a trickle.  
D. The water had a gentle translucency, and you could see the smooth round pebbles at the bottom of the pool.

- Ans  1. DACB  
 2. ABCD  
 3. CDAB  
 4. BDAC

Question ID : 26433058268  
Status : Answered  
Chosen Option : 4

Q.10 Select the option that expresses the given sentence in active voice.

By whom have the problems been solved?

- Ans  1. Who has solved the problems?  
 2. Whose problems were solved?  
 3. Who solved the problems?  
 4. Who solves the problems?

Question ID : 26433063605  
Status : Answered  
Chosen Option : 1

Q.11 Select the option that expresses the given sentence in direct speech.

They said that they had gone on a vacation.

- Ans  1. They said, "we have been going on a vacation."  
 2. They said, "we has gone on a vacation."  
 3. They said, "we had been gone on a vacation."  
 4. They said, "we have gone on a vacation."

Question ID : 26433071843  
Status : Answered  
Chosen Option : 4

Q.12 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'.

He brought these sweets for you and I.

- Ans  1. No substitution required  
 2. for I and you  
 3. for you and I both  
 4. for you and me

Question ID : 26433063544  
Status : Answered  
Chosen Option : 4

Q.13 Select the most appropriate idiom or phrase to complete the given sentence.

I'm not coming to office today, I'm \_\_\_\_\_.

- Ans  1. feeling a bit under the weather  
 2. letting sleeping dogs lie  
 3. taking a back seat  
 4. not playing with the full deck

Question ID : 26433056013  
Status : Answered  
Chosen Option : 1

**Q.14** Select the most appropriate **ANTONYM** of the underlined word.

Despite the criticism, the government did not rescind the policy.

- Ans
- 1. Revoke
  - 2. Relegate
  - 3. Rewind
  - 4. Reinstate

Question ID : 26433055851  
Status : Answered  
Chosen Option : 1

**Q.15** Select the option that can be used as a one-word substitute for the given group of words.

The killing of one's sister

- Ans
- 1. Regicide
  - 2. Sororicide
  - 3. Homicide
  - 4. Fratricide

Question ID : 26433055978  
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.

My worries were increasing. The boy at the shop was becoming more clamorous. My sales were poor, as the railways (1) \_\_\_\_\_ more peddlers on the platforms. My cash receipts were going down and my credit sales alone (2) \_\_\_\_\_. The wholesale merchants who supplied me with goods stopped credit to me. The boy's method of account-keeping was so chaotic that I did not know whether I was moving forward or backward. He produced cash from the counter in a haphazard manner, and there (3) \_\_\_\_\_ on the shelves all over the shop. The boy was probably pocketing money and eating off the stuff. With my credit at the wholesalers' gone, the public complained that nothing one wanted was ever available. Suddenly, the railways gave me notice to quit. I (4) \_\_\_\_\_ the old stationmaster and porter, but they could do nothing; the order had come from (5) \_\_\_\_\_. The shop was given to a new contractor.

SubQuestion No : 16

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

- Ans
- 1. had been admitted
  - 2. has been admitted
  - 3. were admitting
  - 4. were admitted

Question ID : 26433063565  
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.

My worries were increasing. The boy at the shop was becoming more clamorous. My sales were poor, as the railways (1) \_\_\_\_\_ more peddlers on the platforms. My cash receipts were going down and my credit sales alone (2) \_\_\_\_\_. The wholesale merchants who supplied me with goods stopped credit to me. The boy's method of account-keeping was so chaotic that I did not know whether I was moving forward or backward. He produced cash from the counter in a haphazard manner, and there (3) \_\_\_\_\_ on the shelves all over the shop. The boy was probably pocketing money and eating off the stuff. With my credit at the wholesalers' gone, the public complained that nothing one wanted was ever available. Suddenly, the railways gave me notice to quit. I (4) \_\_\_\_\_ the old stationmaster and porter, but they could do nothing; the order had come from (5) \_\_\_\_\_. The shop was given to a new contractor.

**SubQuestion No : 17****Q.17 Select the most appropriate option to fill in blank number 2.**

- Ans**  1. flourished  
 2. are flourishing  
 3. have flourished  
 4. has flourished

Question ID : 26433063566  
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.

My worries were increasing. The boy at the shop was becoming more clamorous. My sales were poor, as the railways (1) \_\_\_\_\_ more peddlers on the platforms. My cash receipts were going down and my credit sales alone (2) \_\_\_\_\_. The wholesale merchants who supplied me with goods stopped credit to me. The boy's method of account-keeping was so chaotic that I did not know whether I was moving forward or backward. He produced cash from the counter in a haphazard manner, and there (3) \_\_\_\_\_ on the shelves all over the shop. The boy was probably pocketing money and eating off the stuff. With my credit at the wholesalers' gone, the public complained that nothing one wanted was ever available. Suddenly, the railways gave me notice to quit. I (4) \_\_\_\_\_ the old stationmaster and porter, but they could do nothing; the order had come from (5) \_\_\_\_\_. The shop was given to a new contractor.

**SubQuestion No : 18****Q.18 Select the most appropriate option to fill in blank number 3.**

- Ans**  1. have been immense gaps  
 2. was immense gaps  
 3. were immense gaps  
 4. has been immense gaps

Question ID : 26433063567  
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.

My worries were increasing. The boy at the shop was becoming more clamorous. My sales were poor, as the railways (1) \_\_\_\_\_ more peddlers on the platforms. My cash receipts were going down and my credit sales alone (2) \_\_\_\_\_. The wholesale merchants who supplied me with goods stopped credit to me. The boy's method of account-keeping was so chaotic that I did not know whether I was moving forward or backward. He produced cash from the counter in a haphazard manner, and there (3) \_\_\_\_\_ on the shelves all over the shop. The boy was probably pocketing money and eating off the stuff. With my credit at the wholesalers' gone, the public complained that nothing one wanted was ever available. Suddenly, the railways gave me notice to quit. I (4) \_\_\_\_\_ the old stationmaster and porter, but they could do nothing; the order had come from (5) \_\_\_\_\_. The shop was given to a new contractor.

**SubQuestion No : 19**

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

- Ans  1. pleaded over  
 2. pleaded with  
 3. pleaded on  
 4. pleaded of

Question ID : 26433063568  
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.

My worries were increasing. The boy at the shop was becoming more clamorous. My sales were poor, as the railways (1) \_\_\_\_\_ more peddlers on the platforms. My cash receipts were going down and my credit sales alone (2) \_\_\_\_\_. The wholesale merchants who supplied me with goods stopped credit to me. The boy's method of account-keeping was so chaotic that I did not know whether I was moving forward or backward. He produced cash from the counter in a haphazard manner, and there (3) \_\_\_\_\_ on the shelves all over the shop. The boy was probably pocketing money and eating off the stuff. With my credit at the wholesalers' gone, the public complained that nothing one wanted was ever available. Suddenly, the railways gave me notice to quit. I (4) \_\_\_\_\_ the old stationmaster and porter, but they could do nothing; the order had come from (5) \_\_\_\_\_. The shop was given to a new contractor.

**SubQuestion No : 20**

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

- Ans  1. high up  
 2. high top  
 3. high down  
 4. high peak

Question ID : 26433063569  
Status : Answered  
Chosen Option : 1

**Comprehension:**

Read the given passage and answer the questions that follow.

The enthusiasm to own Electric Vehicles (EV) is increasing among the people. Though it costs 40-45% higher than usual fuel vehicles, saving on petrol and diesel and contributing to saving our mother earth are rational reasons to buy it. Some companies already have started selling EVs. Well reputed Tata Motors is in the first row with its Nexon EV release. Hundreds of start-ups have already started selling electric two-wheelers. The customers need to know that there are certain grave issues to be understood. The principal one is the lack of charging and maintenance infrastructure. Those who have independent houses have the facility of installing a charging setup but in apartments, it is a real challenge. There have been some recent fire incidents in EV bikes' batteries. The minister for road transport and highways, Nitin Gadkari warned the companies to recall faulty vehicles. Another serious challenge is that when there are many EVs, can the governments provide sufficient electricity? Now power cuts are everywhere as there is not much coal availability. What and how it will be in the future is a serious question to be answered. It is good to imagine that the roads of India are full of electric vehicles and no more noise and no more thick smoke from the vehicles. It is also estimated that in two or three years as the price comes down and present issues with EVs are addressed we will see many such vehicles on our roads.

**SubQuestion No : 21**

**Q.21** Select the ANTONYM of the word 'grave'.

- Ans**
- 1. Lofty
  - 2. Grand
  - 3. Trivial
  - 4. Serious

Question ID : 26433071829

Status : Answered

Chosen Option : 4

**Comprehension:**

Read the given passage and answer the questions that follow.

The enthusiasm to own Electric Vehicles (EV) is increasing among the people. Though it costs 40-45% higher than usual fuel vehicles, saving on petrol and diesel and contributing to saving our mother earth are rational reasons to buy it. Some companies already have started selling EVs. Well reputed Tata Motors is in the first row with its Nexon EV release. Hundreds of start-ups have already started selling electric two-wheelers. The customers need to know that there are certain grave issues to be understood. The principal one is the lack of charging and maintenance infrastructure. Those who have independent houses have the facility of installing a charging setup but in apartments, it is a real challenge. There have been some recent fire incidents in EV bikes' batteries. The minister for road transport and highways, Nitin Gadkari warned the companies to recall faulty vehicles. Another serious challenge is that when there are many EVs, can the governments provide sufficient electricity? Now power cuts are everywhere as there is not much coal availability. What and how it will be in the future is a serious question to be answered. It is good to imagine that the roads of India are full of electric vehicles and no more noise and no more thick smoke from the vehicles. It is also estimated that in two or three years as the price comes down and present issues with EVs are addressed we will see many such vehicles on our roads.

**SubQuestion No : 22**

**Q.22** Identify the summary of the passage.

- Ans**
- 1. There are serious issues that are stopping buyers from buying EVs
  - 2. With the advent of EVs fuel-driven vehicles will disappear
  - 3. EVs will come on Indian roads soon but cannot continue due to the electricity shortage
  - 4. Though there are some issues, EVs will arrive on Indian roads soon, which is good for customers and for the earth

Question ID : 26433071830

Status : Answered

Chosen Option : 4

**Comprehension:**

Read the given passage and answer the questions that follow.

The enthusiasm to own Electric Vehicles (EV) is increasing among the people. Though it costs 40-45% higher than usual fuel vehicles, saving on petrol and diesel and contributing to saving our mother earth are rational reasons to buy it. Some companies already have started selling EVs. Well reputed Tata Motors is in the first row with its Nexon EV release. Hundreds of start-ups have already started selling electric two-wheelers. The customers need to know that there are certain grave issues to be understood. The principal one is the lack of charging and maintenance infrastructure. Those who have independent houses have the facility of installing a charging setup but in apartments, it is a real challenge. There have been some recent fire incidents in EV bikes' batteries. The minister for road transport and highways, Nitin Gadkari warned the companies to recall faulty vehicles. Another serious challenge is that when there are many EVs, can the governments provide sufficient electricity? Now power cuts are everywhere as there is not much coal availability. What and how it will be in the future is a serious question to be answered. It is good to imagine that the roads of India are full of electric vehicles and no more noise and no more thick smoke from the vehicles. It is also estimated that in two or three years as the price comes down and present issues with EVs are addressed we will see many such vehicles on our roads.

**SubQuestion No : 23**

**Q.23** What is NOT a challenge faced by the customers/buyers of EV?

- Ans**
- 1. Motor companies not producing many EVs
  - 2. Charging issue
  - 3. The high price
  - 4. Fire incidents

Question ID : 26433071828

Status : Answered

Chosen Option : 1

**Comprehension:**

Read the given passage and answer the questions that follow.

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**SubQuestion No : 24**

**Q.24** Select a suitable title for the passage.

- Ans**
- 1. Woes in Owning EVs
  - 2. How to Own an EV
  - 3. EVs in the World
  - 4. EVs – The Present and Future

Question ID : 26433071826

Status : Answered

Chosen Option : 4



**Comprehension:**

Read the given passage and answer the questions that follow.

The enthusiasm to own Electric Vehicles (EV) is increasing among the people. Though it costs 40-45% higher than usual fuel vehicles, saving on petrol and diesel and contributing to saving our mother earth are rational reasons to buy it. Some companies already have started selling EVs. Well reputed Tata Motors is in the first row with its Nexon EV release. Hundreds of start-ups have already started selling electric two-wheelers. The customers need to know that there are certain grave issues to be understood. The principal one is the lack of charging and maintenance infrastructure. Those who have independent houses have the facility of installing a charging setup but in apartments, it is a real challenge. There have been some recent fire incidents in EV bikes' batteries. The minister for road transport and highways, Nitin Gadkari warned the companies to recall faulty vehicles. Another serious challenge is that when there are many EVs, can the governments provide sufficient electricity? Now power cuts are everywhere as there is not much coal availability. What and how it will be in the future is a serious question to be answered. It is good to imagine that the roads of India are full of electric vehicles and no more noise and no more thick smoke from the vehicles. It is also estimated that in two or three years as the price comes down and present issues with EVs are addressed we will see many such vehicles on our roads.

**SubQuestion No : 25**

**Q.25** Select one of the reasons mentioned in the passage for buying an EV.

- Ans** ✓ 1. To protect our mother earth  
 ✗ 2. Higher mileage than normal vehicles  
 ✗ 3. 40 to 45% higher price than normal vehicles  
 ✗ 4. Government policy

Question ID : 26433071827  
 Status : Answered  
 Chosen Option : 1

**Section : Quantitative Aptitude**

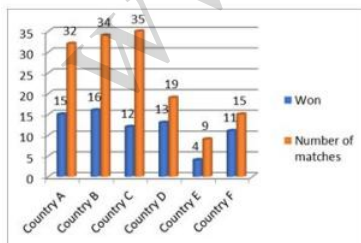
**Q.1** A person can row downstream 49 km in 7 hours and upstream 36 km in 9 hours. What is the speed of the current?

- Ans** ✗ 1. 2 km/h  
 ✗ 2. 3 km/h  
 ✓ 3. 1.5 km/h  
 ✗ 4. 2.5 km/h

Question ID : 26433058972  
 Status : Answered  
 Chosen Option : 3

**Q.2** Study the given double bar-graph and answer the question that follows.

The double bar-graph represents a summary of match results for the football team of country P against different countries.



For which country is the difference between the number of matches won and lost against country P the highest?

- Ans** ✓ 1. Country C  
 ✗ 2. Country A  
 ✗ 3. Country B  
 ✗ 4. Country D

Question ID : 26433065303  
 Status : Answered  
 Chosen Option : 1

Q.3 A sum of money on compound interest amounts to ₹13,200 in 2 years and ₹14,520 in 3 years. What is the rate of interest per annum?

- Ans
- 1. 8%
  - 2. 10%
  - 3. 9%
  - 4. 7%

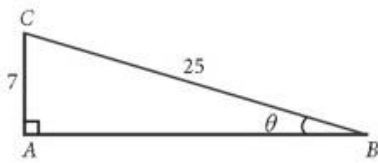
Question ID : 26433058684  
Status : Answered  
Chosen Option : 3

Q.4 12 years ago, the ratio of the ages of Ram and Laxman was 2 : 1 After 13 years from now, the ratio of their ages will be 9 : 7 The sum of their present ages is:

- Ans
- 1. 54
  - 2. 30
  - 3. 63
  - 4. 48

Question ID : 26433061150  
Status : Answered  
Chosen Option : 1

Q.5 Find  $\cos\theta$  using the given diagram.



- Ans
- 1.  $\frac{7}{24}$
  - 2.  $\frac{4}{5}$
  - 3.  $\frac{7}{25}$
  - 4.  $\frac{24}{25}$

Question ID : 26433057157  
Status : Answered  
Chosen Option : 4

Q.6 In a typing shop, Lalit can complete typing of a book in 9 days, while Amit can finish the same work in 8 days. How many days will they take together to complete the work?

- Ans
- 1. 4.98 days
  - 2. 4.23 days
  - 3. 5.23 days
  - 4. 3.99 days

Question ID : 26433058242  
Status : Answered  
Chosen Option : 2

Q.7 The longest chord of a circle is equal to:

- Ans
- 1. two times the diameter
  - 2. three times the radius
  - 3. two times the radius
  - 4. the radius

Question ID : 26433058425  
Status : Answered  
Chosen Option : 3

Q.8 A policeman follows a thief, who is 840 metres ahead of him. The thief and the policeman run at a speed of 7.5 km/h and 9 km/h, respectively. What distance (in km) is run by the thief before he is nabbed by the policeman?

- Ans
- 1. 3.1
  - 2. 4.5
  - 3. 3.8
  - 4. 4.2

Question ID : 26433061910  
Status : Not Answered  
Chosen Option : --

Q.9 Rohan spends 24% of an amount of money on an insurance policy, 36% on food, 18% on children's education and 14% on recreation. He deposits the remaining amount of ₹504 in the bank. What is the total amount that he spends on food and insurance policy together?

- Ans
- 1. ₹3,708
  - 2. ₹3,870
  - 3. ₹3,087
  - 4. ₹3,780

Question ID : 26433058904  
Status : Answered  
Chosen Option : 4

Q.10 Two numbers are in the ratio of 5 : 7 and their LCM is 385. Find the numbers.

- Ans
- 1. 54, 77
  - 2. 54, 76
  - 3. 55, 77
  - 4. 55, 76

Question ID : 26433058650  
Status : Answered  
Chosen Option : 3

**Q.11** The given table shows the number of visitors to the Christmas party and the New Year party organised by Bhide's Café and Mehta's Café.

Name of cafe	Visitors(Christmas Party)	Visitors (New Year Party)
Bhide's cafe	559	1118
Mehta's cafe	666	1024

What percentage more of visitors visited Mehta's Café to Bhide's Café (correct to two decimals places)?

- Ans**  1. 0.78%  
 2. 0.67%  
 3. 0.57%  
 4. 0.87%

Question ID : 26433061740  
Status : Answered  
Chosen Option : 2

**Q.12** A multi-store outlet sold 1375 items in a week earning 25% gain. The gain is also equal to the selling price of 'Q' number of items. What is the value of Q?

- Ans**  1. 275  
 2. 225  
 3. 325  
 4. 250

Question ID : 26433061455  
Status : Answered  
Chosen Option : 1

**Q.13** Simplify the following:

$$\frac{7.23 \times 7.23 \times 7.23 + 2.77 \times 2.77 \times 2.77}{7.23 \times 7.23 - 7.23 \times 2.77 + 2.77 \times 2.77}$$

- Ans**  1. 4.46  
 2. 10  
 3. 5.23  
 4. 12

Question ID : 26433061183  
Status : Answered  
Chosen Option : 2

**Q.14** If  $(x + y) = 17$ ,  $xy = 9$ , then what is the value of  $x^3 + y^3$ ?

- Ans**  1. 4265  
 2. 4454  
 3. 5405  
 4. 5461

Question ID : 26433061113  
Status : Answered  
Chosen Option : 2

Q.15 The bisectors BI and CI of  $\angle B$  and  $\angle C$  of a  $\triangle ABC$  meet in I. If  $\angle A = 38^\circ$ , then what is  $\angle BIC$  equal to?

- Ans
- 1.  $120^\circ$
  - 2.  $109^\circ$
  - 3.  $105^\circ$
  - 4.  $125^\circ$

Question ID : 26433061092  
Status : Answered  
Chosen Option : 2

Q.16 If  $608xy0$  is divisible by both 3 and 11, the nonzero digit in the hundred's place and ten's places, respectively, are:

- Ans
- 1. 6 and 5
  - 2. 5 and 6
  - 3. 5 and 8
  - 4. 8 and 5

Question ID : 26433056298  
Status : Answered  
Chosen Option : 4

Q.17 The material of a solid right circular cylinder is converted into the shape of a solid cone of equal radius. If the height of the cylinder was 4.5 cm, then the height of the cone is:

- Ans
- 1. 4.5 cm
  - 2. 13.5 cm
  - 3. 1.5 cm
  - 4. 15 cm

Question ID : 26433062656  
Status : Answered  
Chosen Option : 2

Q.18 A person buys a table fan for ₹1,800 and sells it at a loss of 25%. What is the selling price of the table fan?

- Ans
- 1. ₹1,300
  - 2. ₹1,350
  - 3. ₹1,400
  - 4. ₹1,450

Question ID : 26433058664  
Status : Answered  
Chosen Option : 2

Q.19 Suppose every three adults consume 2 litres of milk, 0.5 kg sugar every day and the daily consumption of every five children is double the milk and half of the sugar than what the three adults consume. A family has 5 adults and 8 children. Their expenditure on milk and sugar, for a month of 30 days, if half-litre milk packets costs Rs.25 and one kg sugar packet costs Rs.80, is \_\_\_\_\_.

- Ans
- 1. Rs.18,540
  - 2. Rs.21,960
  - 3. Rs.19,630
  - 4. Rs.17,560

Question ID : 26433061302  
Status : Not Answered  
Chosen Option : --

**Q.20** A 15% discount is allowed by a tradesman. How much above the cost price (in percentage) must he mark his goods so as to gain 19%?

- Ans**  1. 35%  
 2. 32%  
 3. 40%  
 4. 47%

Question ID : 26433065275  
Status : Answered  
Chosen Option : 3

**Q.21** Find the fourth proportional of 3, 7, 12.

- Ans**  1. 42  
 2. 28  
 3. 36  
 4. 21

Question ID : 26433056322  
Status : Answered  
Chosen Option : 2

**Q.22** The mean of 10 numbers is 0. If 38 and -2 are included in these numbers, the new mean will be:

- Ans**  1. 6  
 2. 0  
 3. 3  
 4. 18

Question ID : 26433058124  
Status : Answered  
Chosen Option : 3

**Q.23** Study the given table and answer the question that follows.

The table shows the production of five types of cars by a company for the years 2018 to 2021.

Year →	2018	2019	2020	2021	Total
Car ↓					
$A_1$	10	20	19	6	55
$A_2$	14	15	16	14	59
$A_3$	21	16	13	14	64
$A_4$	7	10	9	25	51
$A_5$	20	16	19	16	71
Total	72	77	76	75	300

In which year was the production of cars of all types taken together equal to the average of total production during the period?

- Ans**  1. 2021  
 2. 2020  
 3. 2019  
 4. 2018

Question ID : 26433063429  
Status : Answered  
Chosen Option : 3

Q.24 Rahul can complete a work in 12 days and Ayush in 15 days. If they work together for 3 days, then the fraction of work that will be left is:

- Ans
- 1.  $\frac{9}{20}$
  - 2.  $\frac{13}{20}$
  - 3.  $\frac{11}{20}$
  - 4.  $\frac{7}{20}$

Question ID : 26433056334  
Status : Answered  
Chosen Option : 3

Q.25 The average of twelve numbers is 25. If each number is added by 6, then the new average will be:

- Ans
- 1. 31
  - 2. 19
  - 3. 25
  - 4. 20

Question ID : 26433061123  
Status : Answered  
Chosen Option : 1

Section : General Awareness

Q.1 The Siri Fort in New Delhi was constructed during the reign of which medieval Indian ruler?

- Ans
- 1. Allauddin Khilji
  - 2. Feroz Shah Tughlaq
  - 3. Akbar
  - 4. Jahangir

Question ID : 26433054881  
Status : Answered  
Chosen Option : 2

Q.2 The Prarthana Samaj was established at \_\_\_\_\_ in the year 1867.

- Ans
- 1. Delhi
  - 2. Calcutta
  - 3. Bombay
  - 4. Poona

Question ID : 26433055649  
Status : Answered  
Chosen Option : 4

**Q.3** India is the second most populous country with a population of \_\_\_\_\_, according to the 2011 census data.

- Ans**  1. 1,210 million  
 2. 1,678 million  
 3. 1,245 million  
 4. 1,300 million

Question ID : 26433055328  
Status : Answered  
Chosen Option : 1

**Q.4** Boxing Federation of India (BFI) hosted the 2021 men's national championships in the state of \_\_\_\_\_.

- Ans**  1. Goa  
 2. Tamil Nadu  
 3. Kerala  
 4. Karnataka

Question ID : 26433054859  
Status : Answered  
Chosen Option : 1

**Q.5** In physics, steradian is a unit of:

- Ans**  1. mass measure  
 2. length measure  
 3. solid-angle measure  
 4. plane angle measure

Question ID : 26433055067  
Status : Answered  
Chosen Option : 3

**Q.6** India's unemployment rate touched \_\_\_ in December 2021.

- Ans**  1. 6.5%  
 2. 8.2%  
 3. 7.9%  
 4. 10%

Question ID : 26433054967  
Status : Answered  
Chosen Option : 2

**Q.7** Rajendra I was the son of which of the following Chola kings?

- Ans**  1. Rajaraja I  
 2. Virarajendra  
 3. Vijayalaya  
 4. Gandaraditya

Question ID : 26433055007  
Status : Answered  
Chosen Option : 1



Q.8 \_\_\_\_\_ is the supreme legislative body of India.

- Ans  1. The Supreme Court  
 2. The Parliament  
 3. The Lok Sabha  
 4. The Rajya Sabha

Question ID : 2643305552  
Status : Answered  
Chosen Option : 2

Q.9 Ibrahim Lodi was defeated by \_\_\_\_\_ in the battle of Panipat.

- Ans  1. Humayun  
 2. Babur  
 3. Aurangzeb  
 4. Akbar

Question ID : 26433055608  
Status : Answered  
Chosen Option : 2

Q.10 As per the Union Budget 2022-23, a scheme called PM Development Initiative for \_\_\_\_\_ is proposed to be launched.

- Ans  1. West India  
 2. North West  
 3. North India  
 4. North East

Question ID : 26433054824  
Status : Answered  
Chosen Option : 4

Q.11 Which state in India is the source of river Ghaggar?

- Ans  1. Uttar Pradesh  
 2. Himachal Pradesh  
 3. Haryana  
 4. Uttarakhand

Question ID : 26433067148  
Status : Not Answered  
Chosen Option : --

Q.12 How many Mandalas are there in the Rigveda?

- Ans  1. Six  
 2. Eight  
 3. Ten  
 4. Four

Question ID : 26433055000  
Status : Answered  
Chosen Option : 4

Q.13 The Vaishnava saint, Sankaradeva introduced the \_\_\_\_\_ dance in the 15<sup>th</sup> century CE.

- Ans
- 1. Manipuri
  - 2. Odissi
  - 3. Sattriya
  - 4. Kathak

Question ID : 26433064286  
Status : Not Answered  
Chosen Option : --

Q.14 In November 2021, Pratap Singh Khachariyawas was allocated food and civil supplies in the Cabinet expansion of the state of \_\_\_\_\_.

- Ans
- 1. Chhattisgarh
  - 2. Madhya Pradesh
  - 3. Rajasthan
  - 4. Uttar Pradesh

Question ID : 26433061872  
Status : Answered  
Chosen Option : 1

Q.15 Noted singer Tansen, who lived in 16th century, was the disciple of which saint?

- Ans
- 1. Kabirdas
  - 2. Haridas
  - 3. Surdas
  - 4. Tulsidas

Question ID : 26433054883  
Status : Answered  
Chosen Option : 4

Q.16 Which antimicrobial enzymes are present in milk?

- Ans
- 1. Lactase, invertase, and lipase
  - 2. Lactose, fructose and mannose
  - 3. Lipofactin, lipase and lactose
  - 4. Lactoferrin, lactoperoxidase, and lysozyme

Question ID : 26433064169  
Status : Answered  
Chosen Option : 1

Q.17 Select the correct statement from the given options.

- Ans
- 1. The wind blowing in the western ghats in winters is known as Loo.
  - 2. The wind blowing in the northern plains in summers is known as Trade winds.
  - 3. The wind blowing in the coastal areas in winters is known as Loo.
  - 4. The wind blowing in the northern plains in summers is known as Loo.

Question ID : 26433064176  
Status : Answered  
Chosen Option : 4

Q.18 In which year was the National Commission for Women established in India?

- Ans  1. 1992  
 2. 1991  
 3. 1993  
 4. 1994

Question ID : 26433064709  
Status : Answered  
Chosen Option : 4

Q.19 The English classic novel 'The Great Gatsby' is written by:

- Ans  1. Jane Austen  
 2. Charles Dickens  
 3. F Scott Fitzgerald  
 4. Leo Tolstoy

Question ID : 26433064631  
Status : Not Answered  
Chosen Option : --

Q.20 Rabindranath Tagore gave up his knighthood as a result of which of the following events?

- Ans  1. Kakori conspiracy  
 2. Chauri-Chaura incident  
 3. Jallianwala Bagh massacre  
 4. Chittagong uprising

Question ID : 26433055627  
Status : Answered  
Chosen Option : 3

Q.21 Our brain mainly depends on which of the following food?

- Ans  1. Only fat  
 2. Glucose and amino acids  
 3. Fat and proteins  
 4. Only glucose

Question ID : 26433054922  
Status : Answered  
Chosen Option : 2

Q.22 Purushottam Dadheech, the Padma Shri Awardee 2020, is a renowned dancer and choreographer from Indore in the dance form:

- Ans  1. Bharatnatyam  
 2. Kuchipudi  
 3. Kathak  
 4. Kathakali

Question ID : 26433064639  
Status : Answered  
Chosen Option : 3

**Q.23** The custom of decorating eggs is practiced during which of the following festivals?

- Ans**  1. Navroz  
 2. Christmas  
 3. Epiphany  
 4. Easter

Question ID : 26433054875  
Status : Answered  
Chosen Option : 3

**Q.24** Where is the National Remote Sensing Centre (NRSC) located?

- Ans**  1. Delhi  
 2. Pune  
 3. Mumbai  
 4. Hyderabad

Question ID : 26433054956  
Status : Not Answered  
Chosen Option : --

**Q.25** The violation of Fundamental Rights could be redressed by the Supreme Court under which of the following Articles?

- Ans**  1. 301  
 2. 32  
 3. 226  
 4. 265

Question ID : 26433054896  
Status : Answered  
Chosen Option : 2

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