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| Exam Date | 02/08/2022 |
| Exam Time | 11:45 AM - 12:45 PM |
| Subject | Selection Post Phase X Higher Secondary Level |

Section : General Intelligence

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

Question ID : 2643305787
Status : 9 Answered
Chosen Option : 4

Q.2 Which of the following letter-clusters will replace the question mark (?) in the given series?

XI, EE, LB, SZ, ?

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

Question ID : 2643305718
Status : 1 Answered
Chosen Option : 1

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

Question ID : 2643306749
Status : 8 Answered
Chosen Option : 3

Q.4 Which of the following letter clusters will replace the question mark (?) in the given series?
ZG, BD, CX, EO, FC, ?

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

Question ID : 2643305719
Status : 7 Answered
Chosen Option :2

Q.5 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. FZPF
 - 2. EYPZ
 - 3. FYQE
 - 4. FYPF

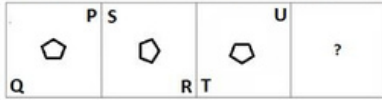
Question ID : 2643305790
Status : 0 Answered
Chosen Option :4

Q.6 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. KDCLBVK
 - 2. KDCLAVK
 - 3. KDCNAVK
 - 4. KDCLAWK

Question ID : 2643305728
Status : 9 Answered
Chosen Option :2

Q.7 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 : 2643305785
 Status : 4 Answered
 Chosen Option :3

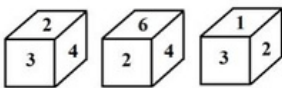
Q.8 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

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

- 1. YBZPWI
- 2. YAZQWJ
- 3. YAZPWI
- 4. YAZPXI

Question ID : 2643305726
 Status : 0 Answered
 Chosen Option :3

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?



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

Question ID : 2643305736
 Status : 8 Answered
 Chosen Option :2

Q.10 In language, 'FIG' is coded as 9, and 'PLUM' is coded as 16. How will 'GUAVA' be coded in the same language?

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

Question ID : 2643305775
Status : 8 Answered
Chosen Option : 2

Q.11 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. 12 and 16
 - 2. 8 and 32
 - 3. 8 and 16
 - 4. 4 and 32

Question ID : 2643305735
Status : 4 Answered
Chosen Option : 3

Q.12 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. (18, 4, 222)
 - 2. (28, 13, 464)
 - 3. (34, 8, 392)
 - 4. (14, 26, 264)

Question ID : 2643305751
Status : 5 Answered
Chosen Option : 2

Q.13 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 conclusion I follows
 - 2. Only conclusions II and III follow
 - 3. All conclusions I, II and III follow
 - 4. Only conclusions I and II follow

Question ID : 2643305804
Status : 6 Answered
Chosen Option : 2

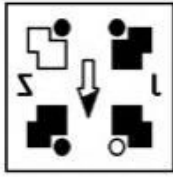
Q.14 Which of the option figures is the exact mirror image of the given problem figure when the mirror is held at the right side?

Problem figure:

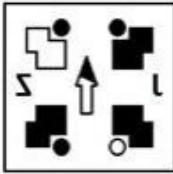


Ans

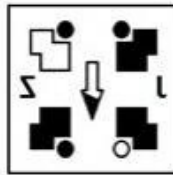
✗ 1.



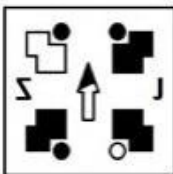
✗ 2.



✓ 3.



✗ 4.



Question ID : 2643305738
Status : 9 Answered
Chosen Option :3

Q.15 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. LKGU
 - ✗ 2. OPTF
 - ✗ 3. MLHV
 - ✓ 4. OMHV

Question ID : 2643305748
Status : 7 Answered
Chosen Option :4

Q.16 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. 4151522
 - ✗ 2. 2303011
 - ✗ 3. 23011
 - ✗ 4. 41522

Question ID : 2643306559
Status : 8 Answered
Chosen Option :1

Q.17 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.

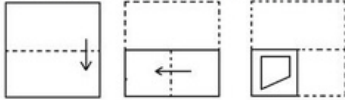
SONG: VQOT :: RIDE : UKEV :: BEAR : ?

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

Question ID : 2643305748
 Status : 3 Answered
 Chosen Option : 3

Q.18 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 : 2643305741
 Status : 7 Answered
 Chosen Option : 4

Q.19 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. Egg
 - 2. Chirp
 - 3. Nest
 - 4. Chick

Question ID : 2643305795
 Status : 9 Answered
 Chosen Option : 2

Q.20 Wh

9 ich of the following numbers will replace the question mark (?) in the given series?1, 102, 139, ?, 187, 198, 235

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

Question ID : 2643305754
Status : 1 Answered
Chosen Option :4

Q.21In 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. 70
 - 3. 62
 - 4. 72

Question ID : 2643305728
Status : 0 Answered
Chosen Option :2

Q.22In 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. ma
 - 2. pa
 - 3. lu
 - 4. na

Question ID : 2643305728
Status : 1 Answered
Chosen Option :3

Q.23'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. Father's
 - father 2. Father-
 - in-law
 - 3. Mother's
 - father 4.
 - Brother

Question ID : 2643305777
Status : 2 Answered
Chosen Option :1

Q.24 In

a 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 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. Neither conclusion I nor II

follows. 2. Only conclusion I

follows.

3. Both conclusions I and II follow.

4. Only conclusion II follows.

Question ID : 2643305791
Status : 5 Answered
Chosen Option :1

Q.25A 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. Father's father

2. Father-in-law

3. Brother

4. Wife's brother

Question ID : 2643305771
Status : 9 Answered
Chosen Option :4

Section : English Language

Q.1 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. for I and you

2. for you and I both

3. for you and me

4. No substitution required

Question ID : 2643306354
Status : 4 Answered
Chosen Option :3

Q.2 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 : 2643307184
Status : 3 Answered
Chosen Option :4

Q.3S elect the option that expresses the given sentence in active voice.
The assignment will be completed by him tomorrow.

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

Question ID : 2643306352
Status : 5 Answered
Chosen Option : 4

Q.4Select the most appropriate idiom or phrase to complete the given sentence.

I'm not coming to office today, I'm _____.

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

Question ID : 2643305601
Status : 3 Answered
Chosen Option : 3

Q.5Sentences 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. CDAB
 - 2. ABCD
 - 3. BDAC
 - 4. DACB

Question ID : 2643305826
Status : 8 Answered
Chosen Option : 3

Q.6Select 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. Philosopher
 - 2. Astrologer
 - 3. Psychologist
 - 4. Philanderer

Question ID : 2643305597
Status : 6 Answered
Chosen Option : 1

Q.7 Select the INCORRECTLY spelt word.

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

Question ID : 2643305546
Status : 1 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 expected it.
 - 2. The money arrived when I least expected it.
 - 3. The money arrived when I less expected it.
 - 4. The money arrived when I little expected it.

Question ID : 2643305544
Status : 5 Answered
Chosen Option :2

Q.9 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. which district
 - 3. No substitution
 - required 4. what district

Question ID : 2643306354
Status : 5 Answered
Chosen Option :2

Q.10 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. Fratricide
 - 2. Regicide
 - 3. Sororicide
 - 4. Homicide

Question ID : 2643305597
Status : 8 Answered
Chosen Option :3

Q.11 Select the option that expresses the given sentence in active voice.
By whom have the problems been solved?

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

Question ID : 2643306360
Status : 5 Answered
Chosen Option :4

Q.12 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 is teaching classical music to Rohit
 - 2. The classical music Rohit learnt was from the most renowned master in the state Sri Sanath Maharaj.
 - 3. The most renowned master in the state Sri Sanath Maharaj was taught classical music by Rohit.
 - 4. The most renowned master in the state Sri Sanath Maharaj taught classical music to Rohit

Question ID : 2643305560
Status : 0 Answered
Chosen Option : 4

Q.13 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. draw
 - 2. invoke
 - 3. prevent
 - 4. provoke

Question ID : 2643305545
Status : 0 Answered
Chosen Option :3

Q.14 Select the most appropriate synonym of the underlined word.

The teacher corroborated the statement of the principal.

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

Question ID : 2643306359
Status : 0 Answered
Chosen Option :4

Q.15

Select the most appropriate ANTONYM of the underlined word.

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

Ans

- 1. Reinstatement
- 2. Relegate
- 3. Rewind
- 4. Revoke

Question ID : 2643305585
Status : 1 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 : 16

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

Ans

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

Question ID : 2643306356
Status : 5 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. have flourished
- 2. are flourishing
- 3. flourished
- 4. has flourished

Question ID : 2643306356
Status : 6 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

SubQuestion No : 18
the wholesalers' gone, the public complained that nothing one wanted was ever available.

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

Ans and ~~1. have been immense~~
~~gaps~~ 2. was immense gaps
3. has been immense gaps
given to a new contractor.

4. were immense gaps

Question ID : 2643306356
Status : 7 Answered
Chosen Option :4

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~~

~~2. over~~

~~3. pleaded on~~

3. pleaded of

4. pleaded with

Question ID : 2643306356
Status : 8 Answered
Chosen Option :4

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 peak
 - 3. high down
 - 4. high top

Question ID : 2643306356
Status : 9 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 : 21

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

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

Question ID : 2643307182
Status : 9 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 Select one of the reasons mentioned in the passage for buying an EV.

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

Question ID : 2643307182
Status : 7 Answered
Chosen Option : 3

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

Question ID : 2643307182
Status : 8 Answered
Chosen Option : 3

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 : 24

Q.24 Identify the summary of the passage.

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

Question ID : 2643307183
Status : 0 Answered
Chosen Option : 3

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 a suitable title for the passage.

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

Question ID : 2643307182
Status : 6 Answered
Chosen Option : 4

Q.1T

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

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

Question ID : 2643306112
Status : 3 Answered
Chosen Option : 1

Q.2 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. 125°
 - 2. 120°
 - 3. 105°
 - 4. 109°

Question ID : 2643306109
Status : 2 Answered
Chosen Option : 4

Q.3 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. 2018
 - 2. 2020
 - 3. 2019
 - 4. 2021

Question ID : 2643306342
Status : 9 Answered
Chosen Option : 4

Q.4 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. 9%
 - 2. 7%
 - 3. 8%
 - 4. 10%

Question ID : 2643305868
Status : 4 Answered
Chosen Option : 4

Q.5 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. 0.67%
 - 2. 0.57%
 - 3. 0.78%
 - 4. 0.87%

Question ID : 2643306174
Status : 0 Answered
Chosen Option : 3

Q.6A 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. 32%
 - 2. 40%
 - 3. 35%
 - 4. 47%

Question ID : 2643306527
Status : 5 Answered
Chosen Option : 2

Q.7Rahul 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. $\frac{7}{20}$
 - 2. $\frac{11}{20}$
 - 3. $\frac{9}{20}$
 - 4. $\frac{13}{20}$

Question ID : 2643305633
Status : 4 Answered
Chosen Option : 2

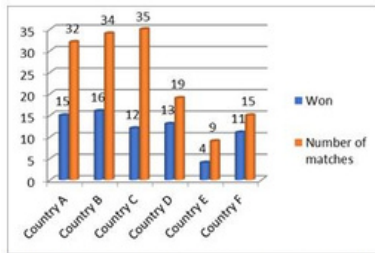
Q.8The longest chord of a circle is equal to:

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

Question ID : 2643305842
Status : 5 Answered
Chosen Option : 3

Q.9 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 D
 - 2. Country A
 - 3. Country B
 - 4. Country C

Question ID : 2643306530
Status : 3 Answered
Chosen Option : 4

Q.10 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. ₹3,087
 - 3. ₹3,870
 - 4. ₹3,780

Question ID : 2643305890
Status : 4 Answered
Chosen Option : 4

Q.11 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. 15 cm
 - 2. 1.5 cm
 - 3. 13.5 cm
 - 4. 4.45 cm

Question ID : 2643306265
Status : 6 Answered
Chosen Option : 2

Q.12 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. ₹1,400
 - 2. ₹1,450
 - 3. ₹1,300
 - 4. ₹1,350

Question ID : 2643305866
Status : 4 Answered
Chosen Option : 4

Q.13 If $608xy0$ is divisible by both 3 and 11, the nonzero digit in the hundred's place and the ten's places, respectively, are:

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

Question ID : 2643305629
Status : 8 Answered
Chosen Option : 3

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

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

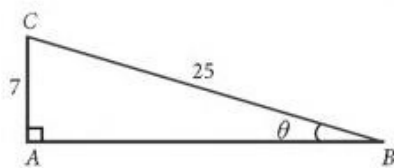
Question ID : 2643306111
Status : 3 Answered
Chosen Option : 1

Q.15 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. 1.5 km/h
 - 2. 2 km/h
 - 3. 2.5 km/h
 - 4. 3 km/h

Question ID : 2643305897
Status : 2 Answered
Chosen Option : 1

Q.16 Find $\cos\theta$ using the given diagram.



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

Question ID : 2643305715
Status : 7 Answered
Chosen Option : 4

Q.17 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. 18
 - 3. 0
 - 4. 3

Question ID : 2643305812
Status : 4 Answered
Chosen Option : 4

Q.18 Find the fourth proportional of 3, 7, 12.

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

Question ID : 2643305632
Status : 2 Answered
Chosen Option : 3

Q.19 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. 4.23 days
 - 2. 5.23 days
 - 3. 3.99 days
 - 4. 4.98 days

Question ID : 2643305824
Status : 2 Answered
Chosen Option : 1

Q.20 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. 63
 - 2. 48
 - 3. 54
 - 4. 30

Question ID : 2643306115
Status : 0 Answered
Chosen Option : 3

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

Question ID : 2643306130
Status : 2 Answered
Chosen Option : 2

Q.22 Two numbers are in the ratio of 5 : 7 and their LCM is 385. Find the numbers.

Ans 1. 54, 77

2. 55, 77

3. 54, 76

4. 55, 76

Question ID : 2643305865
Status : 0 Answered
Chosen Option : 2

Q.23 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. 5.23

2. 12

3. 4.46

4. 10

Question ID : 2643306118
Status : 3 Answered
Chosen Option : 4

Q.24A 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. 4.2

2. 3.1

3. 3.8

4. 4.5

Question ID : 2643306191
Status : 0 Answered
Chosen Option : 1

Q.25A 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. 250

2. 325

3. 225

4. 275

Question ID : 2643306145
Status : 5 Answered
Chosen Option : 4

Q.1R

Abindranath Tagore gave up his knighthood as a result of which of the following events?

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

Question ID : 2643305562
Status : 7 Answered
Chosen Option : 3

Q.2 In which year was the National Commission for Women established in India?

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

Question ID : 2643306470
Status : 9 Answered
Chosen Option : 1

Q.3 Purushottam Dadhech, the Padma Shri Awardee 2020, is a renowned dancer and choreographer from Indore in the dance form:

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

Question ID : 2643306463
Status : 9 Answered
Chosen Option : 4

Q.4 The Siri Fort in New Delhi was constructed during the reign of which medieval Indian ruler?

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

Question ID : 2643305488
Status : 1 Answered
Chosen Option : 3

Q.5 The violation of Fundamental Rights could be redressed by the Supreme Court under which of the following Articles?

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

Question ID : 2643305489
Status : 6 Answered
Chosen Option : 1

Q.6 The Prarthana Samaj was established at _____ in the year 1867.

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

Question ID : 2643305564
Status : 9 Answered
Chosen Option : 3

Q.7 Which state in India is the source of river Ghaggar?

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

Question ID : 2643306714
Status : 8 Answered
Chosen Option : 4

Q.8 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 Loo.
 - 3. The wind blowing in the northern plains in summers is known as Trade winds.
 - 4. The wind blowing in the coastal areas in winters is known as Loo.

Question ID : 2643306417
Status : 6 Answered
Chosen Option : 2

Q.9 The Vaishnava saint, Sankaradeva introduced the _____ dance in the 15th century CE.

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

Question ID : 2643306428
Status : 6 Answered
Chosen Option : 3

Q.10 Rajendra I was the son of which of the following Chola kings?

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

Question ID : 2643305500
Status : 7 Answered
Chosen Option : 3

Q.11 Boxer of India (sing FeBF) hosted the 2021 men's national championships in the state of _____.

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

Question ID : 2643305485
Status : 9 Answered
Chosen Option : 1

Q.12 India's unemployment rate touched ___ in December 2021.

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

Question ID : 2643305496
Status : 7 Answered
Chosen Option : 2

Q.13 Where is the National Remote Sensing Centre (NRSC) located?

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

Question ID : 2643305495
Status : 6 Answered
Chosen Option : 4

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

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

Question ID : 2643306187
Status : 2 Answered
Chosen Option : 3

Q.15 Our brain mainly depends on which of the following food?

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

Question ID : 2643305492
Status : 2 Answered
Chosen Option : 2

Q.16 In physics, steradian is a unit of:

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

Question ID : 2643305506
Status : 7 Answered
Chosen Option : 1

Q.17 The English classic novel 'The Great Gatsby' is written by:

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

Question ID : 2643306463
Status : 1 Answered
Chosen Option : 4

Q.18 Which antimicrobial enzymes are present in milk?

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

Question ID : 2643306416
Status : 9 Answered
Chosen Option : 1

Q.19 India is the second most populous country with a population of _____, according to the 2011 census data.

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

Question ID : 2643305532
Status : 8 Answered
Chosen Option : 4

Q.20 _____ is the supreme legislative body of India.

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

Question ID : 2643305555
Status : 2 Answered
Chosen Option : 4

Q.21As per the Union Budget 202

_h2-23, a scheme called PM Development Initiative for _____ is proposed to be launched.

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

Question ID : 2643305482
Status : 4 Answered
Chosen Option : 3

Q.22Noted singer Tansen, who lived in 16th century, was the disciple of which saint?

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

Question ID : 2643305488
Status : 3 Answered
Chosen Option : 3

Q.23How many Mandalas are there in the Rigveda?

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

Question ID : 2643305500
Status : 0 Answered
Chosen Option : 1

Q.24Ibrahim Lodi was defeated by _____ in the battle of Panipat.

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

Question ID : 2643305560
Status : 8 Answered
Chosen Option : 4

Q.25The custom of decorating eggs is practiced during which of the following festivals?

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

Question ID : 2643305487
Status : 5 Answered
Chosen Option : 2