

Exam Date	04/08/2022
Exam Time	2:30 PM - 3:30 PM
Subject	Selection Post Phase X Higher Secondary Level

Section : General Intelligence

Q.1 Which of the following letter-clusters will replace the question mark (?) in the given series?

RI, PK, LO, FU, XC, ?

- Ans
- 1. PK
 - 2. MN
 - 3. NM
 - 4. NL

Question ID : 2643305718
Status : 4 Answered
Chosen Option : 3

Q.2 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:

All chairs are tables.
Some tables are stands.
All stands are baskets.

Conclusions:

I. Some chairs are stands.
II. Some tables are baskets.
III. All baskets are chairs.

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

Question ID : 2643305784
Status : 7 Answered
Chosen Option : 4

Q.3 In a certain code language, 'STATE' is written as '38401405' and 'EXILE' is written as '5489245'. How will 'ARENA' be written in that language?

- Ans
- 1. 1365281
 - 2. 1365141
 - 3.
 - 21810142
 - 4.
 - 21181014

Question ID : 2643306559
Status : 9 Answered
Chosen Option : 1

Q.4 Select

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

1. Genius
2. Genuine
3. Generic
4. .. Generous
5. Genesis

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

Question ID : 2643305788
Status : 2 Answered
Chosen Option : 3

Q.5 In a code language, 'MUSCLE' is coded as USMLEC and 'FINGER' is coded as INFERG.
How will 'THROAT' be coded in the same language?

- Ans
- 1. HTRAOT
 - 2. HTROAT
 - 3. RHHTAO
 - 4. HRTATO

Question ID : 2643305789
Status : 8 Answered
Chosen Option : 4

Q.6 Which of the following numbers will replace the question mark (?) in the given series?
191, 174, 165, 148, 139, ?

- Ans
- 1. 128
 - 2. 122
 - 3. 125
 - 4. 120

Question ID : 2643305754
Status : 2 Answered
Chosen Option : 2

Q.7 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

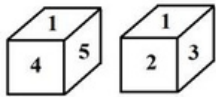
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding/deleting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3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

(22, 7, 385)
(36, 9, 810)

- Ans
- 1. (14, 3, 115)
 - 2. (26, 8, 420)
 - 3. (19, 4, 290)
 - 4. (27, 6, 405)

Question ID : 2643305751
Status : 3 Answered
Chosen Option : 1

Q.8 Two positions of the same dice are given. What digit will be on the face opposite to the face having the digit 5?



Ans 1. 3

2. 1

3. 4

4. 6

Question ID : 2643305736
Status : 2 Answered
Chosen Option : 1

Q.9 In a code language, 'PALM' is coded as 16-1-12-13 and 'HEAD' is coded as 8-5-1-4. How will 'NECK' be coded in the same language?

Ans 1. 13-5-3-

11 2. 14-5-

3-10 3. 14-

5-3-11 4.

13-5-3-10

Question ID : 2643305789
Status : 6 Answered
Chosen Option : 3

Q.10 Select correct combination of mathematical signs to sequentially replace the letter Y and balance the following equation.

52 Y 13 Y 16 Y 32 Y 2

Ans 1. ÷, ×, =, -

2. ÷, ×, =, ×

3. ×, =, -, ÷

4. ×, ÷, =, -

Question ID : 2643305735
Status : 9 Answered
Chosen Option : 2

Q.11 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 chairs are doors.

Some doors are keys.

All keys are windows.

Conclusions:

I. All chairs are keys.

II. Some windows are doors.

Ans 1. Only conclusion I follows.

2. Only conclusion II follows.

3. Neither conclusion I nor II

follows. 4. Both conclusions I and II

follow.

Question ID : 2643305784
Status : 0 Answered
Chosen Option : 2

Q.12In ac

H ertain code language,'TREE' is written as WWHJ, and 'LEAF' is written as OJDK.ow will 'BARK' be written in that language?

- Ans
- 1. GFUN
 - 2. EFTP
 - 3. EFUP
 - 4. GDWN

Question ID : 2643305771
Status : 6 Answered
Chosen Option : 3

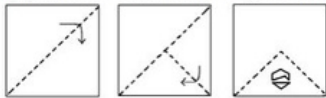
Q.13Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.

1. Pentagon
2. Decagon
3. Triangle
4. Hexagon
5. Heptagon

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

Question ID : 2643306750
Status : 1 Answered
Chosen Option : 4

Q.14 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.

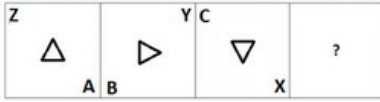


Ans

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

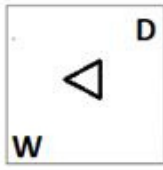
Question ID : 2643305742
Status : 1 Answered
Chosen Option : 4

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

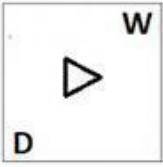


Ans

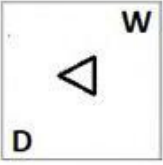
✓ 1.



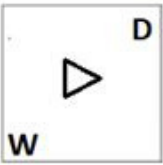
✗ 2.



✗ 3.



✗ 4.



Question ID : 2643305785
Status : 6 Answered
Chosen Option : 1

Q.16 In a certain code language, 'FIRST' is written as 'YWUKG' and 'GROSS' is written as 'XWRTH'. How will 'ROUND' be written in that language?

- Ans
- ✗ 1. JQXQS
 - ✗ 2. IRYQS
 - ✗ 3. HRXQS
 - ✓ 4. IRXQS

Question ID : 26433057275
Status : Not Attempted and Marked For Review
Chosen Option : --

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.

TIDE : URBW :: BACK : CZAQ :: WORD : ?

- Ans
- ✓ 1. XLPX
 - ✗ 2. XPSE
 - ✗ 3. XLIW
 - ✗ 4. XMPX

Question ID : 2643305748
Status : 2 Answered
Chosen Option : 1

Q.18 In code language, 'TRAIN' is written as AITRS, and 'TRUCK' is written as UCTRP. How will 'CYCLE' be written in the same language?

- Ans
- 1. CLCYJ
 - 2. CCYLE
 - 3. CLYCJ
 - 4. CLCYM

Question ID : 26433057756
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.19 H is the husband of G. J and K are the sons of H. L is the son of J. L is the brother of M. N is the mother of M. How is N related to H?

- Ans
- 1. Daughter-in-law
 - 2. Sister
 - 3. Daughter
 - 4. Mother

Question ID : 2643305772
Status : 2 Answered
Chosen Option : 1

Q.20 Which of the following letter-clusters will replace the question mark (?) in the given series?

UHS, OJQ, ILO, ENM, ?

- Ans
- 1. APL
 - 2. APK
 - 3. BPK
 - 4. AOK

Question ID : 2643305719
Status : 3 Answered
Chosen Option : 2

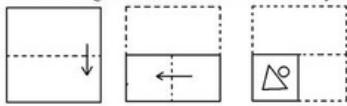
Q.21 Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)

Bengaluru : Karnataka :: Ranchi : ?

- Ans
- 1. Assam
 - 2. Uttar Pradesh
 - 3. Madhya Pradesh
 - 4. Jharkhand

Question ID : 2643305796
Status : 0 Answered
Chosen Option : 4

Q.22 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 : 2643305740
Status : 8 Answered
Chosen Option : 4

Q.23 Pointing at a woman, Ram said, "She is the only maternal aunt of my maternal aunt's daughters, and I don't have any maternal uncle." What is the relation of the woman to Ram?

- Ans
- 1. Sister
 - 2. Sister-in-law
 - 3. Mother
 - 4. Grandmother

Question ID : 2643305769
Status : 6 Answered
Chosen Option : 3

Q.24 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.

FOUR: TLEI :: CODE: WLWV :: LAST: ?

- Ans
- 1. NUCI
 - 2. OZHG
 - 3. PZIG
 - 4. NZGG

Question ID : 2643305748
Status : 8 Answered
Chosen Option : 4

Q.25 S

le elect the option that is related to the fifth letter-cluster in the same way as the secondtter-cluster is related to the first letter-cluster and the fo
to the third letter-cluster.

GENTLE : VOGMVT :: FACIAL : OZRZXU :: MAKEUP : ?

- Ans
- 1. KFWPZN
 - 2. KFVPYN
 - 3. KFVPZN
 - 4. KFVQZN

Question ID : 2643305725
Status : 9 Answered
Chosen Option : 3

Section : English Language

Q.1Select the INCORRECTLY spelt word.

- Ans
- 1. Versus
 - 2. Optimal
 - 3. Exclamation
 - 4. Homonym

Question ID : 2643305545
Status : 8 Answered
Chosen Option : 1

Q.2Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

- A. And hacking is a common method of breaching the defences of protected computer systems by attackers.
- B. Cybercrime is described as any illegal behaviour that occurs on or via the means of computers, the internet or other technologies.
- C. Cyber attackers can conduct cybercrime by employing a variety of programmes and software in cyberspace.
- D. The attackers deploy malware to take advantage of flaws in the hardware and software architecture.

- Ans
- 1. BCDA
 - 2. BDAC
 - 3. CDBA
 - 4. BACD

Question ID : 2643305835
Status : 2 Answered
Chosen Option : 1

Q.3Select the option that expresses the given sentence in direct speech.

The thief asked if he remembered the place where they had hidden their jewellery.

- Ans
- 1. The thief asked, "Do you remember the place where we have hidden our jewellery?"
 - 2. The thief asked, "Can you remember the place where we were hiding our jewellery?"
 - 3. The thief asked, "Where do you remember the place where we have hidden our jewellery?"
 - 4. The thief asked, "Did you remember the place where we hid our jewellery?"

Question ID : 2643306061
Status : 5 Answered
Chosen Option : 1

Q.45 elect the correct superlative degree of comparison for the given sentence.
I told him my inner feelings. _ _

- Ans
- 1. I told him my feelings.
 - 2. I told him my innermost feelings.
 - 3. I told him my in feelings.
 - 4. I told him my more inner feelings.

Question ID : 2643305544
Status : 3 Answered
Chosen Option : 2

Q.5 Select the option that expresses the given sentence in direct speech.
Anne asked whether I knew a good lawyer.

- Ans
- 1. Anne asked, "Whether I knew a good lawyer?"
 - 2. Anne said, "You knew a good lawyer?"
 - 3. Anne said, "Do you know a good lawyer?"
 - 4. Anne said, "Whether do you know a good lawyer?"

Question ID : 2643307544
Status : 8 Answered
Chosen Option : 4

Q.6 Select the option that expresses the given sentence in passive voice.

Fredrick had submitted all the pending assignments by Wednesday.

- Ans
- 1. All the pending assignments are being submitted by Fredrick by Wednesday.
 - 2. Fredrick was submitting all the pending assignments by Wednesday.
 - 3. All the pending assignments are to be submitted by Fredrick by Wednesday.
 - 4. All the pending assignments had been submitted by Fredrick by Wednesday.

Question ID : 2643305587
Status : 6 Answered
Chosen Option : 4

Q.7 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'.

Rumour mongering is one of the bad habit.

- Ans
- 1. one of the worse habit
 - 2. No substitution
 - required 3. ones of the worse habit
 - 4. one of the bad habits

Question ID : 2643306354
Status : 2 Answered
Chosen Option : 4

Q.8 Select the most appropriate meaning of the underlined idiom in the given sentence.
The rope gave way while the workmen were hauling up the iron pillar.

- Ans
- 1. repressed
 - 2. lulled
 - 3. stifled
 - 4. snapped

Question ID : 2643305545
Status : 2 Answered
Chosen Option : 2

Q.9S elect the option that expresses the given sentence in active voice.
The allegation was dismissed by the minister.

- Ans
- 1. The minister had dismissed the allegation.
 - 2. The minister dismissed the allegation.
 - 3. The minister is dismissed the allegation
 - 4. The minister has dismissed the allegation.

Question ID : 2643306360
Status : 4 Answered
Chosen Option : 2

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

They will not sanction to copy without permission

- Ans
- 1. can not sanction to copying
 - 2. are not sanction to be copying
 - 3. will not sanction copying
 - 4. will not be sanctioned to copy

Question ID : 2643305598
Status : 6 Answered
Chosen Option : 3

Q.11Select the most appropriate meaning of the underlined word in a sentence.

The eagle seized its prey in a tenacious grip.

- Ans
- 1. timorous
 - 2. flexible
 - 3. persistent
 - 4. passive

Question ID : 2643305600
Status : 1 Answered
Chosen Option : 1

Q.12Select the most appropriate ANTONYM of the underlined word.

The orator gave his best winsome smile.

- Ans
- 1. Cunning
 - 2. Satisfying
 - 3. Repelling
 - 4. Winning

Question ID : 2643305584
Status : 7 Answered
Chosen Option : 1

Q.13 Select the most appropriate meaning of the given idiom.

Clear the air

- Ans
- 1. To deal openly with misunderstandings to get rid of them
 - 2. To switch off fans
 - 3. To use aroma to sweeten the air
 - 4. To reduce pollution

Question ID : 2643306364
Status : 5 Answered
Chosen Option : 1

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

The killing of a whole race

- Ans
- 1. Matricide
 - 2. Patricide
 - 3. Infanticide
 - 4. Genocide

Question ID : 2643305597
Status : 7 Answered
Chosen Option : 4

Q.15 Select the most appropriate option to fill in the blanks.

His _____ violation of the moral code of conduct was too _____ to be forgiven.

- Ans
- 1. flagrant; outrageous
 - 2. fragrant; outgoing
 - 3. obscure; outstanding
 - 4. magnificent; outlandish

Question ID : 2643306518
Status : 7 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.

There were two (1)_____ buddies who went through school and college and even joined the army together. War (2)_____ and they were (3)_____ in the same unit. One night they were ambushed. Bullets were flying (4)_____ and out of the darkness came a voice, "Harry, please come and help me". Harry (5)_____ recognised that voice of his childhood buddy.

SubQuestion No : 16

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

- Ans
- 1. childhood
 - 2. childish
 - 3. child
 - 4. childlike

Question ID : 2643306374
Status : 4 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.

There were two (1)_____ buddies who went through school and college and even joined the army together. War (2)_____ and they were (3)_____ in the same unit. One night they were ambushed. Bullets were flying (4)_____ and out of the darkness came a voice, "Harry, please come and help me". Harry (5)_____ recognised that voice of his childhood buddy.

SubQuestion No : 17

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

- Ans
- 1. broke out
 - 2. broke in
 - 3. broke up
 - 4. broke into

Question ID : 2643306374
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.

There were two (1)_____ buddies who went through school and college and even joined the army together. War (2)_____ and they were (3)_____ in the same unit. One night they were ambushed. Bullets were flying (4)_____ and out of the darkness came a voice, "Harry, please come and help me". Harry (5)_____ recognised that voice of his childhood buddy.

SubQuestion No : 18

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

- Ans
- 1. fought
 - 2. fights
 - 3. fighting
 - 4. fight

Question ID : 2643306374
Status : 6 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.

There were two (1)_____ buddies who went through school and college and even joined the army together. War (2)_____ and they were (3)_____ in the same unit. One night they were ambushed. Bullets were flying (4)_____ and out of the darkness came a voice, "Harry, please come and help me". Harry (5)_____ recognised that voice of his childhood buddy.

SubQuestion No : 19

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

- Ans
- 1. up and over
 - 2. over
 - 3. above
 - 4. all over

Question ID : 2643306374
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.

There were two (1)_____ buddies who went through school and college and even joined the army together. War (2)_____ and they were (3)_____ in the same unit. One night they were ambushed. Bullets were flying (4)_____ and out of the darkness came a voice, "Harry, please come and help me". Harry (5)_____ recognised that voice of his childhood buddy.

SubQuestion No : 20

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

- Ans
- 1. initially
 - 2. actually
 - 3. immediately
 - 4. suddenly

Question ID : 2643306374
Status : 8 Answered
Chosen Option : 3

Comprehension:

Read the given passage and answer the questions that follow.

Shikshayatan – a school started in 1994 at Arasavanankadu, a village near Kumbakonam in Tamil Nadu, with just 15 children by Mr. Raghavan, a chartered accountant, and his wife Aruna, an M.Phil in English – sets a model for both teachers and learners. The teachers here believe that learning is a form of play. They prove that learning can be made interesting and enjoyable. Most of the teaching material are produced by the teachers, who customise their teaching aids to suit their students' needs and abilities. Health and nutrition of the children get priority. This ensures the children have the physical energy required for learning. Nutritional and medical supplements are provided to the needy. Free exercise and play are encouraged. Children learn spontaneously when their interest and curiosity are awakened. Teaching is confined to brief periods according to the natural attention span of each child, which is normally 15-30 minutes daily during the first two years. It is never extended beyond the child's span of interest

SubQuestion No : 21

Q.21 Select the most appropriate synonym for the word 'Customise'

- Ans
- 1. Readymade
 - 2. Level
 - 3. Break
 - 4. Alter

Question ID : 2643306373
Status : 2 Answered
Chosen Option : 4

Comprehension:

Read the given passage and answer the questions that follow.

Shikshayatan – a school started in 1994 at Arasavanankadu, a village near Kumbakonam in Tamil Nadu, with just 15 children by Mr. Raghavan, a chartered accountant, and his wife Aruna, an M.Phil in English – sets a model for both teachers and learners. The teachers here believe that learning is a form of play. They prove that learning can be made interesting and enjoyable. Most of the teaching material are produced by the teachers, who customise their teaching aids to suit their students' needs and abilities. Health and nutrition of the children get priority. This ensures the children have the physical energy required for learning. Nutritional and medical supplements are provided to the needy. Free exercise and play are encouraged. Children learn spontaneously when their interest and curiosity are awakened. Teaching is confined to brief periods according to the natural attention span of each child, which is normally 15-30 minutes daily during the first two years. It is never extended beyond the child's span of interest

SubQuestion No : 22

Q.22 Why is free exercise and play encouraged for children?

- Ans
- 1. Because children need physical energy for better learning
 - 2. Because children have games period
 - 3. Because children need physical energy to make their body fit
 - 4. Because children like to play games

Question ID : 2643306373

Status : 3 Answered

Chosen Option : 1

Comprehension:

Read the given passage and answer the questions that follow.

Shikshayatan – a school started in 1994 at Arasavanankadu, a village near Kumbakonam in Tamil Nadu, with just 15 children by Mr. Raghavan, a chartered accountant, and his wife Aruna, an M.Phil in English – sets a model for both teachers and learners. The teachers here believe that learning is a form of play. They prove that learning can be made interesting and enjoyable. Most of the teaching material are produced by the teachers, who customise their teaching aids to suit their students' needs and abilities. Health and nutrition of the children get priority. This ensures the children have the physical energy required for learning. Nutritional and medical supplements are provided to the needy. Free exercise and play are encouraged. Children learn spontaneously when their interest and curiosity are awakened. Teaching is confined to brief periods according to the natural attention span of each child, which is normally 15-30 minutes daily during the first two years. It is never extended beyond the child's span of interest

SubQuestion No : 23

Q.23 Why is teaching confined to short periods?

- Ans
- 1. Because children need to participate in co circular activities
 - 2. Because children cannot sit with concentration beyond their span of interest
 - 3. Because children can learn more concepts
 - 4. Because children need to participate in physical activities

Question ID : 2643306373

Status : 4 Answered

Chosen Option : 4

Comprehension:

Read the given passage and answer the questions that follow.

Shikshayatan – a school started in 1994 at Arasavanankadu, a village near Kumbakonam in Tamil Nadu, with just 15 children by Mr. Raghavan, a chartered accountant, and his wife Aruna, an M.Phil in English – sets a model for both teachers and learners. The teachers here believe that learning is a form of play. They prove that learning can be made interesting and enjoyable. Most of the teaching material are produced by the teachers, who customise their teaching aids to suit their students' needs and abilities. Health and nutrition of the children get priority. This ensures the children have the physical energy required for learning. Nutritional and medical supplements are provided to the needy. Free exercise and play are encouraged. Children learn spontaneously when their interest and curiosity are awakened. Teaching is confined to brief periods according to the natural attention span of each child, which is normally 15-30 minutes daily during the first two years. It is never extended beyond the child's span of interest

SubQuestion No : 24

Q.24 Why do the teachers at Shikshayatan believe that learning can be done by the play-way method?

- Ans
- 1. Because they feel learning can be done in the play ground
 - 2. Because they feel learning can be done only in the class room
 - 3. Because they feel learning can be made interesting and enjoyable
 - 4. Because they feel learning can be made easy through cartoons

Question ID : 2643306373
Status : 0 Answered
Chosen Option : 3

Comprehension:

Read the given passage and answer the questions that follow.

Shikshayatan – a school started in 1994 at Arasavanankadu, a village near Kumbakonam in Tamil Nadu, with just 15 children by Mr. Raghavan, a chartered accountant, and his wife Aruna, an M.Phil in English – sets a model for both teachers and learners. The teachers here believe that learning is a form of play. They prove that learning can be made interesting and enjoyable. Most of the teaching material are produced by the teachers, who customise their teaching aids to suit their students' needs and abilities. Health and nutrition of the children get priority. This ensures the children have the physical energy required for learning. Nutritional and medical supplements are provided to the needy. Free exercise and play are encouraged. Children learn spontaneously when their interest and curiosity are awakened. Teaching is confined to brief periods according to the natural attention span of each child, which is normally 15-30 minutes daily during the first two years. It is never extended beyond the child's span of interest

SubQuestion No : 25

Q.25 Select the most appropriate ANTONYM for the word 'Spontaneously'

- Ans
- 1. Unplanned
 - 2. Automatically
 - 3. Naturally
 - 4. Intended

Question ID : 2643306373
Status : 1 Answered
Chosen Option : 4

Section Quantitative Aptitude

Q.1 If $A : B = 3 : 4$, $B : C = 5 : 6$, and $C : D = 12 : 17$, what is $A : D$?

- Ans
- 1. 13 : 31
 - 2. 17 : 37
 - 3. 15 : 34
 - 4. 30 : 34

Question ID : 2643305822
Status : 4 Answered
Chosen Option : 3

Q.2 If O is the orthocentre of a ΔABC and $\angle BOC=140^\circ$, then the measure of $\angle BAC$ is:

- Ans
- 1. 45°
 - 2. 40°
 - 3. 30°
 - 4. 60°

Question ID : 2643306109
Status : 1 Answered
Chosen Option : 2

Q.3 In a ΔABC , a line DE is drawn from D point on AB to E point on AC such that DE is parallel to BC. Also AD : DB is 2 : 5. If AC is 4.2 cm, then what is the length of AE?

- Ans
- 1. 1.2 cm
 - 2. 3.5 cm
 - 3. 0.9 cm
 - 4. 2.5 cm

Question ID : 26433058812
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.4 Anil deposited Rs.8,000 in a two-year fixed deposit scheme on compound interest compounded annually at 5% per annum. Find the maturity value of the fixed deposit.

- Ans
- 1. Rs.8,820
 - 2. Rs.8,450
 - 3. Rs.8,680
 - 4. Rs.8,900

Question ID : 2643306528
Status : 7 Answered
Chosen Option : 1

Q.5 If A is 25% more than B and B is 15% less than C, then A:B:C= ?

- Ans
- 1. 85 : 68 : 80
 - 2. 75 : 81 : 69
 - 3. 83 : 87 : 69
 - 4. 83 : 81 : 67

Question ID : 2643306630
Status : 0 Answered
Chosen Option : 1

Q.6 Simplify the following product:

$$\left(x + \frac{1}{x}\right)\left(x - \frac{1}{x}\right)\left(x^2 + \frac{1}{x^2}\right)$$

Ans

1. $\left(x + \frac{1}{x}\right)^4$

2. $\left(x - \frac{1}{x}\right)^4$

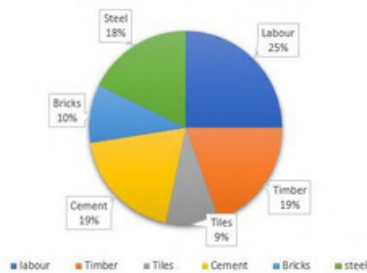
3. $x^4 + \frac{1}{x^4}$

4. $x^4 - \frac{1}{x^4}$

Question ID : 2643305844
Status : 6 Answered
Chosen Option : 4

Q.7 The following pie-chart represents a total expenditure of ₹2,28,000 on different items in constructing a house in a town.

Total Expenditure is ₹2,28,000.



What is the total expenditure done on Steel, Cement and Tiles?

Ans 1. Rs.1,06,560

2. Rs.1,04,880

3. Rs.1,24,520

4. Rs.1,34,560

Question ID : 2643306380
Status : 8 Answered
Chosen Option : 2

Q.8 A man's average driving speed for 9 hours is 72 km/h. During the first 3 hours of his journey, he drove at 54 km/h, and for the next 2 hours and 15 minutes, he drove at a speed of 68 km/h. He maintained a speed of 90 km/h for another 3 hours. What was his speed (in km/h) for the last 45 minutes?

Ans 1. 75

2. 84

3. 93

4. 72

Question ID : 2643306190
Status : 8 Answered
Chosen Option : 2

Q.9Rajan build a house in 16 days by himself, while Suraj can do it in 12 days. Raj and Suraj work on alternate days. How many days would the house take to build if Suraj starts working on the first day?

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

Question ID : 2643305714
Status : 5 Answered
Chosen Option : 3

Q.10Which of the following numbers is divisible by 72?

- Ans
- 1. 23724128
 - 2. 35127918
 - 3. 24127812
 - 4. 22112136

Question ID : 2643306111
Status : 9 Answered
Chosen Option : 4

Q.11Determine the list price of an item if a 20% discount on the item amounts to Rs.50.

- Ans
- 1. Rs.200
 - 2. Rs.250
 - 3. Rs.260
 - 4. Rs.210

Question ID : 2643306637
Status : 5 Answered
Chosen Option : 2

Q.12The average of 10 numbers is 47. What should be the 11th number added to them to make the average 53?

- Ans
- 1. 412
 - 2. 113
 - 3. 312
 - 4. 211

Question ID : 2643306106
Status : 1 Answered
Chosen Option : 2

Q.13When a number is divided by 296, the remainder is 75. What will be the remainder when the same number is divided by 37?

- Ans
- 1.
 - 19
 - 2. 1
 - 3.
 - 12
 - 4.
 - 23

Question ID : 2643305711
Status : 4 Answered
Chosen Option : 2

Q.14 Find the mean proportional between 0.4 and 3.6.

Ans 1. 1.4

2. 1.2

3. 1

4. 0.8

Question ID : 2643305631
Status : 9 Answered
Chosen Option : 2

Q.15 The height of a cylinder and its volume are 15 cm and 2310 cm³, respectively. Find the total surface area.

Ans 1. 968 cm²

2. 452 cm²

3. 660 cm²

4. 248 cm²

Question ID : 26433058915
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.16 40 men can complete a work in 15 days. Five days after they started working, 10 more men joined them. In how many days will the total work be completed?

Ans 1. 12

2. 13

3. 14

4. 11

Question ID : 2643305869
Status : 2 Answered
Chosen Option : 2

Q.17 When 44 is subtracted from a number; it reduces to its 60%. Three-fifth of that number is:

Ans 1. 40

2. 66

3. 44

4. 60

Question ID : 2643306262
Status : 8 Answered
Chosen Option : 2

Q.18 The value of $\cot(-315^\circ)$ is :

Ans 1. $-\sqrt{3}$

2. $\sqrt{3}$

3. 1

4. -1

Question ID : 2643305716
Status : 2 Answered
Chosen Option : 3

Q.19 A siinessma

th bun marks up the price of his goods by 25% and gives a discount of 5% toe customer. He also uses a 950 gm weight instead of a 1000 gm weigh overall profit percentage.

- Ans
- 1. 25%
 - 2. 15%
 - 3. 12%
 - 4. 20%

Question ID : 2643306114
Status : 3 Answered
Chosen Option : 1

Q.20 If $2x + \frac{1}{3x} = 12$, find $9x^2 + \frac{1}{4x^2}$.

- Ans
- 1. 142
 - 2. 324
 - 3. 321
 - 4. 327

Question ID : 2643306178
Status : 3 Answered
Chosen Option : 1

Q.21A thief was spotted by a policeman at a distance of 1200 m and he started chasing him. The thief ran 6.4 km in 52 minutes and the policeman also ran the same distance in 40 minutes. Find the distance the thief had run before he was caught.

- Ans
- 1. 3.0 km
 - 2. 3.5 km
 - 3. 4 km
 - 4. 2.5 km

Question ID : 26433061166
Status : Not Answered
Chosen Option : --

Q.22A shopkeeper purchases supplies from a supplier. The supplier sells 750 units of bags to the shopkeeper after gaining the sale price of 125 units of bags. What is the gain percentage of the supplier?

- Ans
- 1. 16%
 - 2. 20%
 - 3. 22%
 - 4. 15%

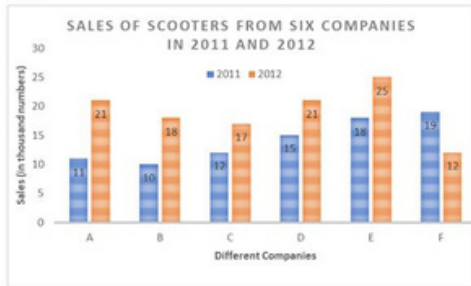
Question ID : 26433058213
Status : Not Answered
Chosen Option : --

Q.23T average weight of 32 students is 70 kg. If the weight of the teacher is also included, the average weight of the class becomes 70.5 kg. Calculate the weight of the teacher.

- Ans
- 1. 86.5 kg
 - 2. 88.5 kg
 - 3. 84.5 kg
 - 4. 82.5 kg

Question ID : 2643306112
 Status : 7 Answered
 Chosen Option : 1

Q.24 The following bar graph shows the sales (in thousand numbers) of scooters from six different companies in 2011 and 2012.

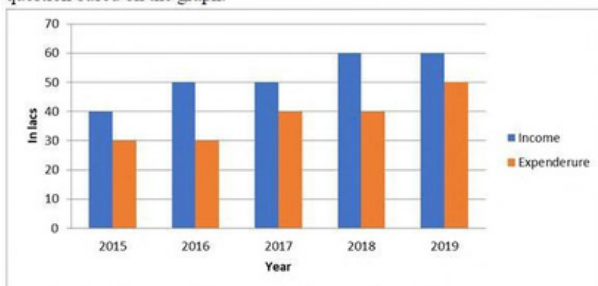


The total sales of company B for both the years are what percentage of the total sales of company E for both the years?

- Ans
- 1. 64.90%
 - 2. 61.80%
 - 3. 62.50%
 - 4. 65.12%

Question ID : 2643306494
 Status : 4 Answered
 Chosen Option : 4

Q.25 The following graph shows the income and expenditure of a company. Study the graph carefully and answer the question based on the graph.



The difference between the profits in 2015 and 2016 is :

- Ans
- 1. Rs.1 lac
 - 2. Rs.20 lacs
 - 3. Rs.15 lacs
 - 4. Rs.10 lacs

Question ID : 2643306404
 Status : 2 Answered
 Chosen Option : 4

Q.1W

Who among the following was the Viceroy of India when the Indian Universities Act was passed in 1904?

- Ans
- 1. Lord Chelmsford
 - 2. Lord Hardinge
 - 3. Lord Curzon
 - 4. Lord Minto

Question ID : 2643305501
Status : 9 Answered
Chosen Option : 3

Q.2 Which Amendment to the Constitution Act led to the establishment of the National Judicial Appointments Commission in India?

- Ans
- 1. 95th Amendment
 - 2. 99th Amendment
 - 3. 96th Amendment
 - 4. 97th Amendment

Question ID : 2643306471
Status : 9 Answered
Chosen Option : 2

Q.3 Sri Lanka got independence in the year:

- Ans
- 1. 1948
 - 2. 1950
 - 3. 1947
 - 4. 1949

Question ID : 2643306660
Status : 8 Answered
Chosen Option : 4

Q.4 Neeraj Chopra first set the senior national record during the 2016 South Asian Games held at _____.

- Ans
- 1. Imphal
 - 2. Itanagar
 - 3. Guwahati
 - 4. Kohima

Question ID : 2643305485
Status : 6 Answered
Chosen Option : 1

Q.5 What has been abolished under Article 17 of the Constitution of India by declaring its practice a legal offence?

- Ans
- 1. Unemployment
 - 2. Untouchability
 - 3. Child labour
 - 4. Double punishment

Question ID : 2643305489
Status : 8 Answered
Chosen Option : 2

Q.6 India can be divided into how many physiographic regions?

- Ans
- 1. 7
 - 2. 4
 - 3. 6
 - 4. 5

Question ID : 2643305495
Status : 7 Answered
Chosen Option : 3

Q.7 In 2021, who among the following was awarded the 12th Kalasagar Awards for exemplary contribution to the field of Mohiniyattam?

- Ans
- 1. Sandhya Rajan
 - 2. Sunanda Nair
 - 3. Gopika Rajan
 - 4. Krishna Panicker

Question ID : 2643305485
Status : 4 Answered
Chosen Option : 2

Q.8 Who among the following is the author of the book titled 'Selection Day'?

- Ans
- 1. Nissim Ezekiel
 - 2. Vikram Seth
 - 3. Aravind Adiga
 - 4. Amitav Ghosh

Question ID : 2643305484
Status : 4 Answered
Chosen Option : 3

Q.9 Which of the following dance forms is NOT associated with the state of Jharkhand?

- Ans
- 1. Dhimsa
 - 2. Jarda
 - 3. Karma
 - 4. Paika

Question ID : 2643305486
Status : 7 Answered
Chosen Option : 2

Q.10 Article 263 of the Indian Constitution relates to the establishment of _____.

- Ans
- 1. Inter-State Council
 - 2. Backward Classes Commission
 - 3. Election Commission of India
 - 4. State Election Commission

Question ID : 2643305517
Status : 9 Answered
Chosen Option : 1

Shubham Sir Maths

Q.11As per the Union Budget 2022-23, the launch of blockchain based digital rupee is proposed to start from _____.

- Ans
- 1. 2024-
 - 25 2.
 - 2022-23
 - 3. 2023-
 - 24 4.
 - 2025-26

Question ID : 26433054820
Status : Not Answered
Chosen Option : --

Q.12What is the original name of the Empress of India Act and when was it instituted?

- Ans
- 1. The Royalty Act of 1876
 - 2. The Royal Titles Act of 1876
 - 3. The Royal Titles Act of 1877
 - 4. The Titles Act of 1875

Question ID : 26433055530
Status : Not Answered
Chosen Option : --

Q.13Sammakka-Sarakka Jatara is celebrated in which of the following states of India?

- Ans
- 1. Odisha
 - 2. Tamil Nadu
 - 3. Telangana
 - 4. Chhattisgarh

Question ID : 2643305487
Status : 6 Answered
Chosen Option : 3

Q.14The United Nations estimated the number of poor people in India to be around _____ million in 2019.

- Ans
- 1. 364
 - 2. 200
 - 3. 150
 - 4. 64

Question ID : 26433054965
Status : Not Answered
Chosen Option : --

Q.15King Porus and Alexander the Great fought which battle?

- Ans
- 1. Battle of Hydaspes
 - 2. Battle of
 - Hydaspes 3. Battle
 - of Hydaspes
 - 4. Battle of Hyphasis

Question ID : 2643305552
Status : 1 Answered
Chosen Option : 1

Q.16 Eugenol is a major component of:

- Ans
- 1. turmeric
 - 2. ginger
 - 3. clove essential oil
 - 4. tamarind

Question ID : 26433064173
Status : Not Answered
Chosen Option : --

Q.17 Who among the following inaugurated the Dredging Museum 'Nikarshan Sadan' at Vishakhapatnam in February 2022?

- Ans
- 1. Sarbananda Sonowal
 - 2. Nitin Jairam Gadkari
 - 3. Dharmendra Pradhan
 - 4. Amit Shah

Question ID : 26433061840
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.18 Which chemical element of the halogen group is a light greenish-yellow highly toxic gas with atomic number 17?

- Ans
- 1. Astatine
 - 2. Iodine
 - 3. Bromine
 - 4. Chlorine

Question ID : 2643305508
Status : 5 Answered
Chosen Option : 4

Q.19 According to Department of Foreign Affairs and Trade, by 2030, transport will have attracted how much per cent of the infrastructural investment in India?

- Ans
- 1. 60%
 - 2. 50%
 - 3. 70%
 - 4. 40%

Question ID : 26433054953
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.20 Dantidurga was associated with which of the following ruling dynasties of the early medieval India?

- Ans
- 1. Rashtrakuta
 - 2. Pala
 - 3. Hoysala
 - 4. Chola

Question ID : 26433055604
Status : Not Answered
Chosen Option : --

Q.21 Pandit Ram Na in ravan was a popular _____ player who is credited with making the instrument as a solo concert instrument.

- Ans
- 1. Ghatam
 - 2. Mridangam
 - 3. Algoza
 - 4. Sarangi

Question ID : 2643305484
Status : 9 Answered
Chosen Option : 4

Q.22 The Bharhut Stupa is located in which of the following Indian states?

- Ans
- 1. Uttar Pradesh
 - 2. Madhya Pradesh
 - 3. Bihar
 - 4. Andhra Pradesh

Question ID : 2643305487
Status : 8 Answered
Chosen Option : 3

Q.23 Which of the following is an igneous rock usually composed of the minerals quartz, feldspar and mica that is formed when hot molten rock cools relatively slowly underground?

- Ans
- 1. Granite
 - 2. Siltstone
 - 3. Gneiss
 - 4. Amphibolite

Question ID : 2643305515
Status : 7 Answered
Chosen Option : 1

Q.24 The 'Vikramshila University' in Bihar was founded by which of the following kings?

- Ans
- 1. Gopala II
 - 2. Devapala
 - 3. Dharampala
 - 4. Gopala I

Question ID : 2643305500
Status : 6 Answered
Chosen Option : 3

Q.25 Which of the following is an example of perishable foods that CANNOT be stored for more than a day or two at room temperature, i.e., they have a shelf life of 1 or 2 days?

- Ans
- 1. Biscuits
 - 2. Milk
 - 3. Dry fruits
 - 4. Spices

Question ID : 2643305580
Status : 9 Answered
Chosen Option : 2