Exam Date	05/08/2022
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 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.
TAKE : GZPV :: NOTE : MLGV :: FAST : ?

Ans ✗ 1. UYHG

✗ 2. VZHF

✗ 3. VZIG

✓ 4. UZHG

Question ID : **26433057243**
Status : **Answered**
Chosen Option : **4**

Q.2 In a certain code language, 'FOCUS' is written as 'UVCPH' and 'AMONG' is written as 'IOONC'. How will 'CHILD' be written in that language?

Ans ✗ 1. EMIID

✗ 2. FMIEI

✗ 3. FNIJE

✓ 4. FMIIE

Question ID : **26433057269**
Status : **Answered**
Chosen Option : **4**

Q.3 Which of the following letter-clusters will replace the question mark (?) in the given series?
TH, RD, NZ, LV, ?

Ans ✗ 1. GR

✓ 2. HR

✗ 3. HQ

✗ 4. HS

Question ID : **26433057179**
Status : **Answered**
Chosen Option : **2**

Q.4 Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.
1. Sea
2. Lake
3. Pond
4. River
5. Ocean

Ans ✗ 1. 1, 4, 5, 2, 3

✗ 2. 5, 2, 1, 4, 3

✓ 3. 5, 1, 4, 2, 3

✗ 4. 5, 2, 3, 4, 1

Question ID : **26433067500**

Status : **Answered**

Chosen Option : **3**

Q.5 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.)
(29, 13, 168)
(17, 28, 180)

Ans ✗ 1. (81, 45, 144)

✓ 2. (23, 41, 256)

✗ 3. (14, 25, 78)

✗ 4. (31, 47, 234)

Question ID : **26433057508**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.6 Select the option that represents the correct order of the given words as they would appear in an English dictionary.
1. Qualify
2. Quadrant
3. Quaint
4. Quacker
5. Quaff

Ans ✗ 1. 2, 3, 5, 4, 1

✗ 2. 2, 5, 3, 4, 1

✓ 3. 4, 2, 5, 3, 1

✗ 4. 5, 2, 3, 4, 1

Question ID : **26433057667**

Status : **Answered**

Chosen Option : **3**

Q.7 A is the son of B. C is the wife of B. D is the son of C. D is married to E. E is the mother of F. How A is related to E?

Ans ✓ 1. Husband's brother

✗ 2. Father

✗ 3. Brother

✗ 4. Son

Question ID : **26433057721**

Status : **Answered**

Chosen Option : **1**

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

DGJ : LOR :: CFI : KNQ :: ? : TWZ

Ans   ✘ 1. MPS

       ✘ 2. PSV

       ✘ 3. KNQ

       ✔ 4. LOR

Q.9 Select correct combination of mathematical signs to sequentially replace the # signs and balance the following equation.

36 # 9 # 3 # 4 # 3

Ans   ✘ 1. ×, ÷, =,–

       ✘ 2. ×, =,–, ÷

       ✔ 3. ÷, ×, =, ×

       ✘ 4. ÷, ×, =,–

Q.10 Which of the following letter-clusters will replace the question mark (?) in the given series?

BT, CO, FH, GW, JJ, ?

Ans   ✘ 1. KU

       ✔ 2. KS

       ✘ 3. KT

       ✘ 4. KR

Q.11 In a certain code language, if 'HIGH' is written as '9887' and 'LOW' is written as '131424', then how will 'MEDIUM' be written in that language?

Ans   ✘ 1. 144582232

       ✔ 2. 144582212

       ✘ 3. 144582214

       ✘ 4. 144582215

Q.12 In a code language, 'BREAD is coded as AQEZC and 'HONEY' is coded as GNNDX. How will 'SUGAR' be coded in the same language?

Ans ✗ 1. RTFZQ

 ✗ 2. RUGZQ

 ✗ 3. RTHZQ

 ✓ 4. RTGZQ

Q.13 In a code language, 'HAND' is coded as 8-1-14-4 and 'SHIN' is coded as 19-8-9-14. How will 'NOSE' be coded in the same language?

Ans ✓ 1. 14-15-19-5
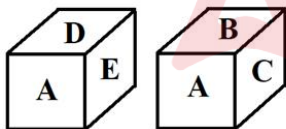
 ✗ 2. 14-16-18-5

 ✗ 3. 13-15-19-5

 ✗ 4. 13-16-17-5

Q.14 Which of the following numbers will replace the question mark (?) in the given series?
28, 41, 54, ?, 80, 93

Ans ✗ 1. 63

 ✗ 2. 70

 ✗ 3. 69

 ✓ 4. 67

Q.15 Two positions of the same dice are given. What letter will be on the face opposite to the face having the letter D?

Ans ✗ 1. F

 ✗ 2. E

 ✗ 3. A

 ✓ 4. B

Q.16 In a code language, 'CLASS' is written as ASCLQ, and 'CHAIR' is written as AICHP. How will 'TABLE' be written in the same language?

Ans
  ✗ 1. LABLE

  ✗ 2. BLTAG

  ✓ 3. BLTAC

  ✗ 4. TLABE

Question ID : **26433057755**

Status : **Answered**

Chosen Option : **3**

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.
TRAFFIC : CJFFBRT :: RELATED : DFTBLFR :: PROBLEM: ?

Ans
  ✗ 1. MFLPBRP

  ✗ 2. MFLBRPP

  ✗ 3. MELBPRP

  ✓ 4. MFLBPRP

Question ID : **26433057252**

Status : **Answered**

Chosen Option : **4**

Q.18 Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.
MONKEY : NPMYFK :: ROMPER : MPRRFP :: LEMONS : ?

Ans
  ✗ 1. MFLSOP

  ✓ 2. MFLSOO

  ✗ 3. MELSOP

  ✗ 4. MELSOO

Question ID : **26433057982**

Status : **Answered**

Chosen Option : **2**

Q.19 In this question, three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusion(s) logically follow(s) from the statements.
Statements:
Some monitors are keyboards.
All keyboards are laptops.
All printers are monitors.
Conclusions:
I. All printers are keyboards.
II. Some printers are laptops.
III. Some monitors are laptops.

Ans
  ✗ 1. Only conclusions I and III follow.

  ✓ 2. Only conclusion III follows.

  ✗ 3. Only conclusion I follows.
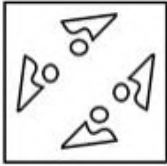
  ✗ 4. Only conclusions II and III follow.

Question ID : **26433057850**

Status : **Answered**

Chosen Option : **2**

Q.20 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.
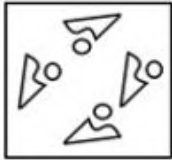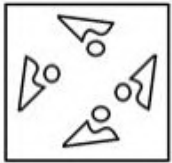

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.
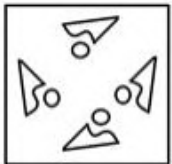
Q.21 **'P # Q' means 'P is the husband of Q'**
'P % Q' means 'P is the wife of Q'
'P @ Q' means 'P is the brother of Q'
'P & Q' means 'P is the father of Q'
If 'C @ D % E & F # G', then how is D related to G?

Ans

✔ 1. Mother-in-law

✘ 2. Mother

✘ 3. Daughter-in-law

✘ 4. Father's mother

Q.22 Select the figure from among the given options that can replace the question mark (?) in the following series.
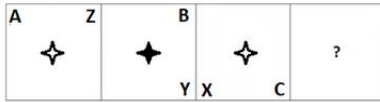
Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.
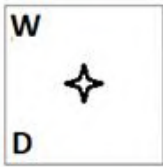
Question ID : **26433057857**
Status : **Answered**
Chosen Option : **3**

Q.23 In a certain code language, 'JESUS' is written as 'CLUUS' and 'FAITH' is written as 'YHKJR'. How will 'ADOPT' be written in that language?

Ans ✗ 1. BCQNV

✗ 2. DEQVN

✔ 3. BCQVN

✗ 4. BGQVN

Question ID : **26433057274**
Status : **Answered**
Chosen Option : **3**

Q.24 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.
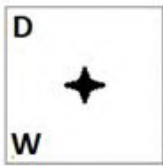
Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.
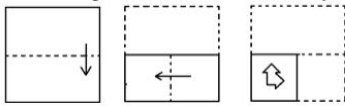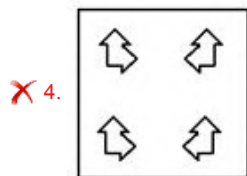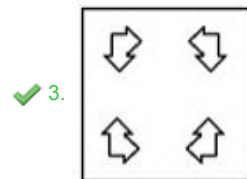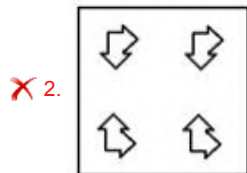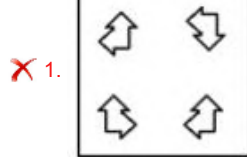
Q.25 In this question, three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusion(s) logically follow(s) from the statements.

Statements:
No flower is a vegetable.
Some vegetables are fruits.
All fruits are red.
Conclusions:
I. Some vegetables are red.
II. Some fruits are flowers.

Ans   ✗ 1. Neither conclusion I nor II follows.

✗ 2. Both conclusions I and II follow.

✔ 3. Only conclusion I follows.

✗ 4. Only conclusion II follows.

Section : **English Language**

Q.1 Select the correct degree of comparison for the given sentence.
David looks (old) than he really is.

Ans ✗ 1. David looks old than he really is.

✓ 2. David looks older than he really is.

✗ 3. David looks elder than he really is.

✗ 4. David looks elder from he really is.

Question ID : **26433055438**
Status : **Answered**
Chosen Option : **2**

Q.2 Select the most appropriate meaning of the given idiom.

Nothing ventured, nothing gained

Ans ✗ 1. Nothing can be gained with ventures

✗ 2. Doing nothing is the best thing

✓ 3. One has to make every effort in order to achieve something

✗ 4. Through hard work one can receive nothing

Question ID : **26433058258**
Status : **Answered**
Chosen Option : **3**

Q.3 Select the most appropriate meaning of the underlined idiom in the given sentence.
The question came up before the Municipal Corporation last week.

Ans ✗ 1. cleared up

✓ 2. was raised

✗ 3. was left

✗ 4. departed

Question ID : **26433055451**
Status : **Answered**
Chosen Option : **2**

Q.4 Select the INCORRECTLY spelt word.

Ans ✓ 1. Terible

✗ 2. Adverse

✗ 3. Management

✗ 4. Visible

Question ID : **26433055463**
Status : **Answered**
Chosen Option : **1**

Q.5 Select the option that expresses the given sentence in passive voice.

Nobody can change Raman's ill fate.

Ans ✗ 1. Changing ill fate of Raman by nobody is impossible.

✗ 2. Ill fate of Raman cannot be changed by nobody.

✗ 3. Raman's ill fate cannot be changed by nobody.

✓ 4. Raman's ill fate cannot be changed.

Question ID : **26433065156**
Status : **Answered**
Chosen Option : **4**

Q.6 Select the most appropriate option to substitute the underlined segment in the given sentence.

You are failed to be achieved high enough sales to earn a bonus this month.

Ans ✗ 1. You will fail to achieve

✓ 2. You failed to achieve

✗ 3. You have fail achieving

✗ 4. You fails to achieve

Question ID : **26433055987**

Status : **Answered**

Chosen Option : **2**

Q.7 Select the most appropriate ANTONYM of the underlined word.

The **penurious** little boy could not get the school lunch.

Ans ✗ 1. Lazy

✗ 2. Naughty

✗ 3. Unlawful

✓ 4. Munificent

Question ID : **26433055849**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.8 Select the option that expresses the given sentence in passive voice.

The author was writing the novel when the house caught fire.

Ans ✗ 1. The novel has been written by the author when the house caught fire.

✓ 2. The novel was being written by the author when the house caught fire.

✗ 3. The novel was written by the author when the house caught fire.

✗ 4. The novel had been written by the author when the house caught fire.

Question ID : **26433065154**

Status : **Answered**

Chosen Option : **2**

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

They say they are quite safe there.

Ans ✗ 1. "We're quiet safe here," they told.

✓ 2. "We're quite safe here," they said.

✗ 3. "We're quite safe," they said.

✗ 4. "They're quite safe there," they are saying.

Question ID : **26433071841**

Status : **Answered**

Chosen Option : **2**

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

The numbers applying for the course <u>had dropped off very sharply</u> during the pandemic.

Ans ✔ 1. have dropped off sharply

✘ 2. has dropped off sharply

✘ 3. have dropped off very sharply

✘ 4. had dropped off sharply

Q.11 Select the option that expresses the given sentence in passive voice.
The painter is painting the room

Ans ✔ 1. The room is being painted by the painter.

✘ 2. The room is being paint by the painter.

✘ 3. The room has been painted by the painter.

✘ 4. The room is painted by the painter.

Q.12 Select the most appropriate synonym of the given word.

Sybarite

Ans ✔ 1. Debauchee

✘ 2. Gratuitous

✘ 3. Ornery

✘ 4. Brusque

Q.13 Select the option that can be used as a one-word substitute for the given group of words.

A highly unpleasant, annoying, objectionable sound.

Ans ✘ 1. Slight

✘ 2. Natal

✘ 3. Lovely

✔ 4. Nasty

Q.14 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. In this style of essay, it is critical to incorporate precise details that allow the reader to experience the emotion.
B. When creating a narrative essay, you should have a cast of people, a setting, a compelling storyline and a satisfying ending.
C. Not only should they express their emotions or employ their senses, but they should also allow the tale to convey a point.
D. A narrative essay tells a tale from a certain point of view or can say a story of the personal experiences one had.

Ans ✔ 1. DBAC

✘ 2. BCAD

✘ 3. CDBA

✘ 4. DABC

Question ID : **26433058353**
Status : **Answered**
Chosen Option : **4**

Q.15 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'.
Both, Amit <u>as well as Rahul are leaving</u> for Delhi.

Ans ✘ 1. as well as Rahul is leaving

✔ 2. and Rahul are leaving

✘ 3. and Rahul is leaving

✘ 4. No substitution required

Question ID : **26433063543**
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.

The more you walk, the more energised and healthier you (1)_____. Walking is a sort of physical activity that is also (2)_____. Everyone should practice it on a daily basis. Some folks stroll at a leisurely (3)_____. However, rapid walking is an excellent kind of exercise that provides mental and physical (4)_____ to an individual. The optimal times to walk are early in the morning and late in the evening, and fresh air is (5)_____ early in the morning.

SubQuestion No : 16

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

Ans ✘ 1. becomes

✔ 2. become

✘ 3. becoming

✘ 4. became

Question ID : **26433063181**
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.

The more you walk, the more energised and healthier you (1)_____. Walking is a sort of physical activity that is also (2)_____. Everyone should practice it on a daily basis. Some folks stroll at a leisurely (3)_____. However, rapid walking is an excellent kind of exercise that provides mental and physical (4)_____ to an individual. The optimal times to walk are early in the morning and late in the evening, and fresh air is (5)_____ early in the morning.

SubQuestion No : 17

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

Ans ✗ 1. futile

✔ 2. worthwhile

✗ 3. contemptible

✗ 4. frangible

Question ID : **26433063182**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

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.

The more you walk, the more energised and healthier you (1)_____. Walking is a sort of physical activity that is also (2)_____. Everyone should practice it on a daily basis. Some folks stroll at a leisurely (3)_____. However, rapid walking is an excellent kind of exercise that provides mental and physical (4)_____ to an individual. The optimal times to walk are early in the morning and late in the evening, and fresh air is (5)_____ early in the morning.

SubQuestion No : 18

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

Ans ✗ 1. time

✗ 2. place

✔ 3. pace

✗ 4. distance

Question ID : **26433063183**

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.

The more you walk, the more energised and healthier you (1)_____. Walking is a sort of physical activity that is also (2)_____. Everyone should practice it on a daily basis. Some folks stroll at a leisurely (3)_____. However, rapid walking is an excellent kind of exercise that provides mental and physical (4)_____ to an individual. The optimal times to walk are early in the morning and late in the evening, and fresh air is (5)_____ early in the morning.

SubQuestion No : 19

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

Ans ✗ 1. pressure

✗ 2. credibility

✔ 3. stability

✗ 4. fatigue

Question ID : **26433063184**

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.

The more you walk, the more energised and healthier you (1)_____. Walking is a sort of physical activity that is also (2)_____. Everyone should practice it on a daily basis. Some folks stroll at a leisurely (3)_____. However, rapid walking is an excellent kind of exercise that provides mental and physical (4)_____ to an individual. The optimal times to walk are early in the morning and late in the evening, and fresh air is (5)_____ early in the morning.

SubQuestion No : 20

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

Ans ✗ 1. tangible

✗ 2. feasible

✗ 3. permissible

✔ 4. accessible

Question ID : **26433063185**

Status : **Answered**

Chosen Option : **4**

Comprehension:

Read the given passage and answer the questions that follow.
A passage led to the back yard, where a well and a lavatory under a large tamarind tree served the needs of the motley tenants of the ancient house in Vinayak Mudali Street; the owner of the property, by partitioning and fragmenting all the available space, had managed to create an illusion of shelter and privacy for his hapless tenants and squeezed the maximum rent out of everyone, himself occupying a narrow ledge abutting the street, where he had a shop selling, among other things, sweets, pencils and ribbons to children swarming from the municipal school across the street. When he locked up for the night, he slept across the doorway so that no intruder should pass without first stumbling on him; he also piled up cunningly four empty kerosene tins inside the dark shop so that at the slightest contact they should topple down with a clatter: for him a satisfactory burglar alarm.

SubQuestion No : 21

Q.21 Which of the following is most nearly similar in meaning to the word 'hapless' as used in the passage?

Ans ✗ 1. Homeless

✔ 2. Wretched

✗ 3. Destitute

✗ 4. Rehabilitated

Question ID : **26433063601**

Status : **Answered**

Chosen Option : **4**

Comprehension:

Read the given passage and answer the questions that follow.
A passage led to the back yard, where a well and a lavatory under a large tamarind tree served the needs of the motley tenants of the ancient house in Vinayak Mudali Street; the owner of the property, by partitioning and fragmenting all the available space, had managed to create an illusion of shelter and privacy for his hapless tenants and squeezed the maximum rent out of everyone, himself occupying a narrow ledge abutting the street, where he had a shop selling, among other things, sweets, pencils and ribbons to children swarming from the municipal school across the street. When he locked up for the night, he slept across the doorway so that no intruder should pass without first stumbling on him; he also piled up cunningly four empty kerosene tins inside the dark shop so that at the slightest contact they should topple down with a clatter: for him a satisfactory burglar alarm.

SubQuestion No : 22

Q.22 Whose needs are served by the well and lavatory under the tamarind tree?

Ans   ✗ 1. Neighbours

       ✗ 2. Slaves

       ✔ 3. Tenants

       ✗ 4. Owners

Question ID : **26433063599**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Comprehension:

Read the given passage and answer the questions that follow.
A passage led to the back yard, where a well and a lavatory under a large tamarind tree served the needs of the motley tenants of the ancient house in Vinayak Mudali Street; the owner of the property, by partitioning and fragmenting all the available space, had managed to create an illusion of shelter and privacy for his hapless tenants and squeezed the maximum rent out of everyone, himself occupying a narrow ledge abutting the street, where he had a shop selling, among other things, sweets, pencils and ribbons to children swarming from the municipal school across the street. When he locked up for the night, he slept across the doorway so that no intruder should pass without first stumbling on him; he also piled up cunningly four empty kerosene tins inside the dark shop so that at the slightest contact they should topple down with a clatter: for him a satisfactory burglar alarm.

SubQuestion No : 23

Q.23 Which of the following is most nearly similar in meaning to the word 'swarming' as used in the passage?

Ans   ✗ 1. Separating

       ✗ 2. Leaving

       ✔ 3. Coming together

       ✗ 4. Attacking

Question ID : **26433063602**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Comprehension:

Read the given passage and answer the questions that follow.
A passage led to the back yard, where a well and a lavatory under a large tamarind tree served the needs of the motley tenants of the ancient house in Vinayak Mudali Street; the owner of the property, by partitioning and fragmenting all the available space, had managed to create an illusion of shelter and privacy for his hapless tenants and squeezed the maximum rent out of everyone, himself occupying a narrow ledge abutting the street, where he had a shop selling, among other things, sweets, pencils and ribbons to children swarming from the municipal school across the street. When he locked up for the night, he slept across the doorway so that no intruder should pass without first stumbling on him; he also piled up cunningly four empty kerosene tins inside the dark shop so that at the slightest contact they should topple down with a clatter: for him a satisfactory burglar alarm.

SubQuestion No : 24

Q.24 How did the owner manage to collect maximum rent?

Ans ✗ 1. By charging heavy rent

✗ 2. By charging extra dues for various facilities

✗ 3. By creating special facilities

✓ 4. By accommodating many tenants in a partitioned and fragmented space

Question ID : **26433063600**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Comprehension:

Read the given passage and answer the questions that follow.
A passage led to the back yard, where a well and a lavatory under a large tamarind tree served the needs of the motley tenants of the ancient house in Vinayak Mudali Street; the owner of the property, by partitioning and fragmenting all the available space, had managed to create an illusion of shelter and privacy for his hapless tenants and squeezed the maximum rent out of everyone, himself occupying a narrow ledge abutting the street, where he had a shop selling, among other things, sweets, pencils and ribbons to children swarming from the municipal school across the street. When he locked up for the night, he slept across the doorway so that no intruder should pass without first stumbling on him; he also piled up cunningly four empty kerosene tins inside the dark shop so that at the slightest contact they should topple down with a clatter: for him a satisfactory burglar alarm.

SubQuestion No : 25

Q.25 Which of the following words is the ANTONYM of the word 'slightest' as used in the passage?

Ans ✗ 1. Sweetest

✗ 2. Smallest

✗ 3. Farthest

✓ 4. Biggest

Question ID : **26433063603**
Status : **Answered**
Chosen Option : **3**

Section : **Quantitative Aptitude**

Q.1 Study the given table and answer the question that follows.

Total sales of companies 2 and 3 together and company 1 in different years

Year	Total sales of 2 + 3	Total sales of 1
2015	50 + 40	30
2016	40 + 60	50
2017	50 + 65	60
2018	65 + 75	40
2019	80 + 85	70
2020	80 + 75	60
2021	70 + 85	75

In which of the following years was the total sales of all the three companies together the maximum?

Ans ✗ 1. 2020

✗ 2. 2021

✗ 3. 2018

✔ 4. 2019

Question ID : **26433062653**
Status : **Answered**
Chosen Option : **4**

Q.2 What is the length of the longest pencil that can be kept in a box of 2 cm long, 4 cm wide and 6 cm deep?

Ans ✗ 1. $5\sqrt{14}$ cm

✗ 2. $3\sqrt{14}$ cm

✔ 3. $2\sqrt{14}$ cm

✗ 4. $\sqrt{14}$ cm

Question ID : **26433061090**
Status : **Answered**
Chosen Option : **3**

Q.3 If the 5-digit number 743pq is divisible by 90, then $\frac{q}{p} = ?$

Ans ✔ 1. 0

✗ 2. 5

✗ 3. 10

✗ 4. 1

Question ID : **26433061118**
Status : **Answered**
Chosen Option : **1**

Q.4 In a △ABC, the side BC is extended from vertex C to point D such that ∠ACB and ∠ACD are in the ratio of 2 : 3. If ∠A is 75°, then what is the value of ∠B?

Ans ✗ 1. 72°

✔ 2. 33°

✗ 3. 45°

✗ 4. 69°

Question ID : **26433058810**
Status : **Answered**
Chosen Option : **2**

Q.5 A trader marks the price of his goods 40% more than the cost price. If he allows successive discounts of 10% and 20% on the marked price, then how much percentage does he gain?

Ans ✗ 1. 1.2%

✗ 2. 0.5%

✗ 3. 0.7%

✔ 4. 0.8%

Q.6 Four cities P, Q, R and S are on the corner of the square and the side of a square is 75 km. A businessman travels from P to Q at 5 km/h, Q to R at 3 km/h, R to S at 5 km/h and S to P at 3 km/h. Find his average speed of the whole journey.

Ans ✔ 1. $3\frac{3}{4}$ km/h

✗ 2. $4\frac{1}{2}$ km/h

✗ 3. $4\frac{3}{4}$ km/h

✗ 4. $3\frac{1}{2}$ km/h

Q.7 Vikas spends 90% of his income. When his income increased by 25%, his expenditure increased by 20%. The percentage of increase in his savings is:

Ans ✗ 1. 58%

✔ 2. 70%

✗ 3. 45%

✗ 4. 62%

Q.8 In a ∆PQR, a line segment ST is drawn joining the mid points S of PQ and T of PR. Also, ST is parallel to QR. Which of the following options is correct?

Ans ✗ 1. 2 ST = PQ + PR

✗ 2. ST = PS + PT

✗ 3. ST = 2 (QR)

✔ 4. 2 ST = QR

Q.9 The mean proportional between 75 and x is five times the mean proportional between 15 and 26. The value of x is:

Ans ✗ 1. 100

✗ 2. 120

✗ 3. 110

✔ 4. 130

Q.10 Car A covers a distance in 2 hours at the speed of 12 km/h. Car B covers twice the distance covered by Car A in 3 hours. What is the difference between the speeds (in km/h) of Car A and Car B?

Ans ✗ 1. 3

✗ 2. 5

✗ 3. 6

✔ 4. 4

Q.11 The mean of ten numbers is 12. The mean of seven of these numbers is 14. Find the mean of the remaining three numbers.

Ans ✔ 1. $7\frac{1}{3}$

✗ 2. $6\frac{2}{3}$

✗ 3. $8\frac{2}{3}$

✗ 4. $5\frac{1}{3}$

Q.12 Tea worth Rs.75 per kg and Rs.100 per kg are mixed so as to get a mixture worth Rs.85 per kg. Find the ratio of mixing of these two varieties.

Ans ✗ 1. 1 : 2

✗ 2. 1 : 3

✔ 3. 3 : 2

✗ 4. 3 : 5

Q.13 What is the third proportional to 4 and 14?

Ans ✗ 1. 56

✗ 2. 28

✗ 3. 16

✔ 4. 49

Q.14 The income of Ram is 80% more than Shyam's income, and the income of Shyam is 50% more than Ghanshyam's income. By what percentage is Ram's income more than Ghanshyam's income?

Ans ✔ 1. 170%

✗ 2. 100%

✗ 3. 110%

✗ 4. 150%

Q.15 The following table shows the marks (in percentages) obtained by 4 students in 4 different subjects in an examination. The maximum marks in each subject are 100.

Student	Subject			
	Physics	Chemistry	Maths	Geology
A	85	90	70	95
B	82	95	70	95
C	86	65	75	85
D	80	60	75	97

Which of the following students obtained the highest marks in Geology but the least in Physics?

Ans ✗ 1. B

✔ 2. D

✗ 3. C

✗ 4. A

Q.16 The difference between the compound interest and simple interest for the amount ₹5,000 in 2 years is ₹50. The rate of interest is:

Ans ✔ 1. 10%

✗ 2. 12%

✗ 3. 8%

✗ 4. 5%

Q.17 $\dfrac{1 + \cot^2 A}{1 + \tan^2 A} = $ _____.

Ans

✗ 1. $\cos^2 A$

✗ 2. $\tan^2 A$

✔ 3. $\cot^2 A$

✗ 4. $\sec^2 A$

Question ID : **26433058169**
Status : **Answered**
Chosen Option : **3**

Q.18 What is the value of x if $\dfrac{4}{x} - \dfrac{3}{2x} = 20$?

Ans

✗ 1. $\dfrac{1}{4}$

✗ 2. 8

✔ 3. $\dfrac{1}{8}$

✗ 4. 4

Question ID : **26433058829**
Status : **Answered**
Chosen Option : **3**

Q.19 If machine A and B can produce 800 units in 3 hours and 8 hours, respectively, in how many hours can machine A and B working together at these constant rates produce 800 units?

Ans

✗ 1. $\dfrac{26}{11}$

✗ 2. $\dfrac{25}{11}$

✔ 3. $\dfrac{24}{11}$

✗ 4. $\dfrac{27}{11}$

Question ID : **26433056337**
Status : **Answered**
Chosen Option : **3**

Q.20 The following table shows the different types of air conditioners sold by a company over the given years (numbers in thousands).

Year	Types				
	A	B	C	D	E
2010	17	11	10	9	9
2011	10	10	10	11	10
2012	10	10	11	10	10
2013	10	18	12	10	12
2014	9	12	10	12	12
2015	8	14	13	13	14

The total sales in all the six years are minimum for which type of air conditioner?

Ans ✗ 1. E

✗ 2. C

✔ 3. A

✗ 4. B

Q.21 Anil made a profit of 25% when he sold a jacket at ₹8,000. Find the cost price of the jacket.

Ans ✗ 1. ₹6,300

✗ 2. ₹6,100

✔ 3. ₹6,400

✗ 4. ₹6,200

Q.22 P can do 25% more work than Q in the same time. Q alone completes the total part of that work in 25 days, then in how many days will P and Q together finish the same work ?

Ans ✗ 1. $12\frac{1}{5}$

✗ 2. $10\frac{2}{3}$

✗ 3. $12\frac{1}{3}$

✔ 4. $11\frac{1}{9}$

Q.23 Find the unit digit in $(14)^{112} + (14)^{113}$.

Ans ✗ 1. 2

✗ 2. 8

✔ 3. 0

✗ 4. 4

Q.24 Mohan bought 1 kg of apples for ₹175 and sold them for ₹220 per kg. How much is the profit gained by him?

Ans
✔ 1. ₹45

✘ 2. ₹50

✘ 3. ₹35

✘ 4. ₹40

Question ID : **26433058663**

Status : **Answered**

Chosen Option : **1**

Q.25 If x - y = 5 and $x^3 - y^3 = 520$, then the value of xy is:

Ans
✔ 1. $\dfrac{79}{3}$

✘ 2. $\dfrac{36}{5}$

✘ 3. $\dfrac{34}{3}$

✘ 4. $\dfrac{76}{5}$

Question ID : **26433058450**

Status : **Answered**

Chosen Option : **1**

Section : **General Awareness**

Q.1 Which of the following is able to regenerate our digestive system with good microbes that will neutralise the harmful ones?

Ans
✘ 1. Antibiotics

✘ 2. Prosthetics

✔ 3. Probiotics

✘ 4. Prosynthetics

Question ID : **26433054921**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.2 From an ecological point of view, _____ refers to a process of formation of a dark-coloured amorphous substance (organic matter that has reached maturity) decomposed from plant remains.

Ans
✘ 1. leaching

✔ 2. humification

✘ 3. mineralisation

✘ 4. stratification

Question ID : **26433055797**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.3 'Seamer' is a term used in the game of _____.

Ans ✗ 1. Football

✗ 2. Hockey

✓ 3. Cricket

✗ 4. Basketball

Question ID : **26433054862**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.4 In which state in India is Chandratal wetland located?

Ans ✗ 1. Jammu and Kashmir

✓ 2. Himachal Pradesh

✗ 3. Uttarakhand

✗ 4. Uttar Pradesh

Question ID : **26433067149**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.5 Select the correct statement from the given options.

Ans ✓ 1. A light-year is a unit of distance

✗ 2. A light-year is a unit of time

✗ 3. A joule is a unit of power

✗ 4. A pascal is a unit of force

Question ID : **26433064120**

Status : **Answered**

Chosen Option : **1**

Q.6 Who among the following has composed the Prashasti of Pulakeshin II?

Ans ✗ 1. Harisena

✗ 2. Kalidasa

✗ 3. Banabhatta

✓ 4. Ravikirti

Question ID : **26433055003**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.7 The Modhera dance festival is organised annually in the state of _____.

Ans ✗ 1. Karnataka

✗ 2. Punjab

✓ 3. Gujarat

✗ 4. Odisha

Question ID : **26433064336**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.8 Various types of crops are produced in India. Which of the following crops are fibre crops?

Ans ✗ 1. Gram and tur

✓ 2. Cotton and jute

✗ 3. Sugarcane and tea

✗ 4. Rice and wheat

Question ID : **26433064094**

Status : **Answered**

Chosen Option : **2**

Q.9 The State cannot discriminate against any citizen on the grounds of religion, race, caste, sex or place of birth under which of the following Articles?

Ans ✗ 1. 17

✗ 2. 14

✓ 3. 15

✗ 4. 18

Question ID : **26433054897**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.10 Kathakali, a mask dance is primarily performed in the Indian state of _____.

Ans ✗ 1. Andhra Pradesh

✗ 2. Assam

✓ 3. Kerala

✗ 4. Uttar Pradesh

Question ID : **26433064285**

Status : **Answered**

Chosen Option : **3**

Q.11 In March 2022, Haryana Chief Minister announced a 'Sushma Swaraj Award' for women, which carries a cash prize of _____ along with a commendation.

Ans ✗ 1. ₹10 lakh

✗ 2. ₹2.5 lakh

✗ 3. ₹1 lakh

✓ 4. ₹5 lakh

Question ID : **26433055026**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.12 Who releases the Periodic Labour Force Survey (PLFS)?

Ans ✓ 1. National Statistical Office

✗ 2. Education Ministry

✗ 3. Finance Ministry

✗ 4. NITI Aayog

Question ID : **26433055344**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.13 Sultan Iltutmish introduced a metal coin named Tanka which was made of:

Ans ✗ 1. copper

✓ 2. silver

✗ 3. nickel

✗ 4. bronze

Question ID : **26433064602**
Status : **Answered**
Chosen Option : **2**

Q.14 _____, the Bharatanatyam danseuse India born was honoured with British Citizen Award for her contribution to Performing Arts in the last decade on 29 September 2021.

Ans ✓ 1. Ragasudha Vinjamuri

✗ 2. Chitra Sundaram

✗ 3. Pushkala Gopal

✗ 4. Shobana Jeyasingh

Question ID : **26433054852**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.15 Which Article of the Constitution of India provides that there shall be a Governor for each State?

Ans ✗ 1. Article 152

✓ 2. Article 153

✗ 3. Article 157

✗ 4. Article 158

Question ID : **26433064712**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.16 What is the tenure of the Election Commissioner of India?

Ans ✗ 1. Five Years

✗ 2. Four Years

✓ 3. Six Years

✗ 4. Three Years

Question ID : **26433055022**
Status : **Answered**
Chosen Option : **1**

Q.17 Who among the following founded the Vedanta College in 1825?

Ans ✗ 1. Swami Dayanand Saraswati

✗ 2. Ishwar Chandra Vidyasagar

✓ 3. Raja Ram Mohan Roy

✗ 4. Swami Vivekananda

Question ID : **26433055021**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.18 Who among the following founded the Swaraj Party in 1923 along with Motilal Nehru

Ans ✔ 1. Chittaranjan Das

✘ 2. Mahatma Gandhi

✘ 3. Jawaharlal Nehru

✘ 4. Gopal Krishna Gokhale

Question ID : **26433055017**
Status : **Answered**
Chosen Option : **1**

Q.19 An artificial lake named Gobind Sagar was created in 1976 by a huge hydroelectric dam at Bhakra on the _____ river.

Ans ✘ 1. Tapti

✘ 2. Gandak

✘ 3. Chenab

✔ 4. Sutlej

Question ID : **26433055165**
Status : **Answered**
Chosen Option : **4**

Q.20 In which of the following years was Chittor attacked by Alauddin Khalji?

Ans ✘ 1. 1302

✘ 2. 1305

✔ 3. 1303

✘ 4. 1304

Question ID : **26433055008**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.21 Most Mughal buildings are constructed using which building material?

Ans ✘ 1. Grey sandstone

✘ 2. Yellow sandstone

✔ 3. Red sandstone

✘ 4. Granite

Question ID : **26433054880**
Status : **Answered**
Chosen Option : **3**

Q.22 Ustad Asad Ali Khan was one of the few active Rudra Veena Players and the master of one of the four schools of Dhrupad named _____.

Ans ✘ 1. Nauhar

✘ 2. Dagar

✘ 3. Gauhar

✔ 4. Khandar

Question ID : **26433054850**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.23 In which year was the National Youth Policy launched by the Government of India?

Ans ✗ 1. 2015

✓ 2. 2014

✗ 3. 2016

✗ 4. 2017

Question ID : **26433054995**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.24 Who among the following is the author of the book 'A Handful of Nuts'?

Ans ✗ 1. Tom Alter

✗ 2. RK Narayan

✓ 3. Ruskin Bond

✗ 4. Raja Rao

Question ID : **26433054843**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.25 Mr. Pradeep Kumar Rawat was in news in December 2021. Which of the following describes the reason correctly?

Ans ✓ 1. He has been appointed as the ambassador to China

✗ 2. He has been appointed as UPSC chairperson

✗ 3. He is the first Chief of Defence Services

✗ 4. He is the Principal Advisor to Prime Minister of India

Question ID : **26433055568**

Status : **Not Answered**

Chosen Option : **--**