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Combined Higher Secondary Level Examination 2023 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	11/08/2023
Exam Time	9:00 AM - 10:00 AM
Subject	CHSL Exam 2023 Tier I

Section : **English Language**

Q.1 **Select the most appropriate idiom for the underlined segment in the sentence given below.**

Richa was provoking her neighbours against her maid Shanta who spoke against her but none of them responded.

Ans
✗ 1. Smelling a rat
✓ 2. Egging on
✗ 3. Carrying the conviction
✗ 4. Rising like a phoenix

Question ID : **264330144323**
Status : **Marked For Review**
Chosen Option : **2**

Q.2 **Select the most appropriate synonym of the underlined word in the given sentence.**

The chubby player was clearly told to bring his corpulent body into a good shape.

Ans
✓ 1. rotund
✗ 2. lanky
✗ 3. deformed
✗ 4. plush

Question ID : **264330144246**
Status : **Not Answered**
Chosen Option : **--**

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

A)Human relationships are a matter of great concern for every one of us.
B)Nevertheless, social scientists have attached many other elements that actually help us for a good social life.
C)As it helps us all to have a coordinated, balanced and approachable life.
D)The present generation fails to take cognisance of all such elements and fall prey to a lonely life risking happiness.

Ans
✗ 1. ADBC
✗ 2. DABC
✗ 3. ABCD
✓ 4. ACBD

Question ID : **264330143049**
Status : **Answered**
Chosen Option : **1**

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Q.4 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**

Tourists from <u>all around the world</u> visit Agra to see the Taj mahal.

Ans
- ✗ 1. Ever and anon
- ✗ 2. Cut and dried
- ✗ 3. Few and far
- ✓ 4. Far and wide

Question ID : **264330144123**
Status : **Answered**
Chosen Option : **4**

Q.5 **Select the option that expresses the given sentence in active voice.**
When will the results of the dance competition be announced?

Ans
- ✗ 1. When will they are announcing the results of the dance competition?
- ✓ 2. When will they announce the results of the dance competition?
- ✗ 3. When will they announced the results of the dance competition?
- ✗ 4. Will they announce the results of the dance competition?

Question ID : **264330144894**
Status : **Answered**
Chosen Option : **2**

Q.6 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**
The old castle, with its towering walls, creaky gates, and secret passages, was the <u>perfect example</u> of a medieval fortress.

Ans
- ✗ 1. epicentre
- ✗ 2. crux
- ✓ 3. epitome
- ✗ 4. antithesis

Question ID : **264330143138**
Status : **Answered**
Chosen Option : **3**

Q.7 **Select the most appropriate option to fill in the blank.**
The _____ of the new legislation has sparked a heated debate among lawmakers.

Ans
- ✗ 1. affectation
- ✗ 2. effection
- ✓ 3. effect
- ✗ 4. affect

Question ID : **264330143963**
Status : **Answered**
Chosen Option : **3**

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Q.8 **Select the INCORRECTLY spelt word.**

Ans
- ✗ 1. Appreciate
- ✗ 2. Passenger
- ✗ 3. Complaint
- ✓ 4. Personel

Question ID : **264330142638**
Status : **Answered**
Chosen Option : **4**

Q.9 **Select the most appropriate option that can substitute the underlined words in the given sentence.**
She was <u>not allowed for going</u> outside by her mother.

Ans
- ✓ 1. not allowed to go
- ✗ 2. not allowed to going
- ✗ 3. not allowed by going
- ✗ 4. not allowing to go

Question ID : **264330144273**
Status : **Answered**
Chosen Option : **2**

Q.10 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**
Her determination impressed all of the other colleagues and <u>inspires them to continue pursuing their</u> dreams.

Ans
- ✗ 1. inspires them in continuing pursuing their
- ✓ 2. inspired them to continue pursuing their
- ✗ 3. inspires them to continue pursuing her
- ✗ 4. inspires them to continue pursuing there

Question ID : **264330143132**
Status : **Answered**
Chosen Option : **2**

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

Do you obey your elders?

Ans
- ✓ 1. Are your elders obeyed by you?
- ✗ 2. Are you obeying by your elders?
- ✗ 3. Have your elders obeyed by you?
- ✗ 4. Do your elders obeyed by you?

Question ID : **264330142600**
Status : **Answered**
Chosen Option : **1**

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Q.12 **Select the most appropriate ANTONYM of the word given in brackets to fill in the blank.**
I can't believe that you're _____ (resolute) enough to not even decide what you want for dinner.

Ans
✗ 1. reluctant
✓ 2. indecisive
✗ 3. disinclined
✗ 4. gullible

Question ID : **264330144279**
Status : **Answered**
Chosen Option : **4**

Q.13 **Parts of a sentence are given below in jumbled order. Arrange the parts in the correct order to form a meaningful sentence.**
A. We must not complain
B. thorns bear flowers
C. but rather be grateful that
D. that roses have thorns

Ans
✓ 1. ADCB
✗ 2. ADBC
✗ 3. ACDB
✗ 4. ABCD

Question ID : **264330147571**
Status : **Answered**
Chosen Option : **1**

Q.14 **Choose the sentence that contains an error.**

Ans
✓ 1. I need to buy an new iPhone.
✗ 2. The cat sat on the windowsill
✗ 3. She is the best singer in the choir.
✗ 4. He is an artist who paints landscapes.

Question ID : **264330149912**
Status : **Answered**
Chosen Option : **1**

Q.15 **Select the most appropriate option to fill in the blanks.**
(Ø = No article)
____ year ago, Arihant decided to join ____ NCC.

Ans
✗ 1. A; an
✗ 2. The; Ø
✗ 3. The; a
✓ 4. A; the

Question ID : **264330151331**
Status : **Answered**
Chosen Option : **4**

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Q.16 **Select the most appropriate ANTONYM of the underlined word in the following sentence.**

The singer's performance captivated the audience and left them mesmerised.

Ans
✗ 1. Enthralled
✓ 2. Disillusioned
✗ 3. Horrified
✗ 4. Resisted

Question ID : **264330148918**
Status : **Answered**
Chosen Option : **1**

Q.17 **Select the most appropriate ANTONYM of the given word.**

Punctual

Ans
✗ 1. Dependable
✗ 2. Precise
✓ 3. Late
✗ 4. Ready

Question ID : **264330144370**
Status : **Answered**
Chosen Option : **3**

Q.18 **Select the option with the correct spellings to replace the underlined words in the given sentence.**
His charesmatic attitude is admirble.

Ans
✗ 1. karismatic; admerable
✗ 2. charismatic; admarable
✗ 3. karismatic; admirable
✓ 4. charismatic; admirable

Question ID : **264330143244**
Status : **Answered**
Chosen Option : **4**

Q.19 **Select the option that can be used as a one-word substitute for the given group of words/phrase.**

Spoken or done without preparation

Ans
✗ 1. Elocution
✓ 2. Extempore
✗ 3. Debate
✗ 4. Declamation

Question ID : **264330144236**
Status : **Answered**
Chosen Option : **2**

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Q.20 **Select the most appropriate ANTONYM of the given word from the following sentence.**
Empowered
People feel liberated in modern democracies, yet it is believed they are enslaved in their minds.

Ans
✗ 1. liberated
✓ 2. enslaved
✗ 3. minds
✗ 4. modern

Question ID : **264330141302**
Status : **Answered**
Chosen Option : **2**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.
Communication is very important for us humans in our daily lives. It means talking to others, (1)_____ our thoughts and feelings, and listening to what others have to say. When we communicate well, we can understand each other better and work together more (2)_____. Communication is especially important at work, where we need to work as a team and achieve common goals. Good communication helps us to avoid misunderstandings and (3)_____, and makes us more productive. In our personal relationships, communication helps us to express our feelings and needs to our friends, family and partners. When we communicate well, we can build stronger relationships and understand each other better. Communication is also important for society as a whole. It helps us to share information, ideas and knowledge, and to understand different cultures and (4)_____. Communication can also help us to make positive changes in our communities and (5)_____ for important causes. Overall, communication is a very important skill that we all need to learn and practice. It can help us in many different ways and make our lives more fulfilling and successful.

SubQuestion No : 21

Q.21 **Select the most appropriate option to fill in blank no. 1.**

Ans
✓ 1. sharing
✗ 2. modifying
✗ 3. classifying
✗ 4. converging

Question ID : **264330149600**
Status : **Answered**
Chosen Option : **1**

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Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.
Communication is very important for us humans in our daily lives. It means talking to others, (1)_____ our thoughts and feelings, and listening to what others have to say. When we communicate well, we can understand each other better and work together more (2)_____. Communication is especially important at work, where we need to work as a team and achieve common goals. Good communication helps us to avoid misunderstandings and (3)_____, and makes us more productive. In our personal relationships, communication helps us to express our feelings and needs to our friends, family and partners. When we communicate well, we can build stronger relationships and understand each other better. Communication is also important for society as a whole. It helps us to share information, ideas and knowledge, and to understand different cultures and (4)_____. Communication can also help us to make positive changes in our communities and (5)_____ for important causes. Overall, communication is a very important skill that we all need to learn and practice. It can help us in many different ways and make our lives more fulfilling and successful.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank no. 2.

Ans

✗ 1. economically

✓ 2. effectively

✗ 3. sufficiently

✗ 4. vibrantly

Question ID : **264330149601**
Status : **Answered**
Chosen Option : **2**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.
Communication is very important for us humans in our daily lives. It means talking to others, (1)_____ our thoughts and feelings, and listening to what others have to say. When we communicate well, we can understand each other better and work together more (2)_____. Communication is especially important at work, where we need to work as a team and achieve common goals. Good communication helps us to avoid misunderstandings and (3)_____, and makes us more productive. In our personal relationships, communication helps us to express our feelings and needs to our friends, family and partners. When we communicate well, we can build stronger relationships and understand each other better. Communication is also important for society as a whole. It helps us to share information, ideas and knowledge, and to understand different cultures and (4)_____. Communication can also help us to make positive changes in our communities and (5)_____ for important causes. Overall, communication is a very important skill that we all need to learn and practice. It can help us in many different ways and make our lives more fulfilling and successful.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank no. 3.

Ans

✗ 1. distractions

✗ 2. justifications

✓ 3. mistakes

✗ 4. quizzes

Question ID : **264330149602**
Status : **Answered**
Chosen Option : **3**

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Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.
Communication is very important for us humans in our daily lives. It means talking to others, (1)_____ our thoughts and feelings, and listening to what others have to say. When we communicate well, we can understand each other better and work together more (2)_____. Communication is especially important at work, where we need to work as a team and achieve common goals. Good communication helps us to avoid misunderstandings and (3)_____, and makes us more productive. In our personal relationships, communication helps us to express our feelings and needs to our friends, family and partners. When we communicate well, we can build stronger relationships and understand each other better. Communication is also important for society as a whole. It helps us to share information, ideas and knowledge, and to understand different cultures and (4)_____. Communication can also help us to make positive changes in our communities and (5)_____ for important causes. Overall, communication is a very important skill that we all need to learn and practice. It can help us in many different ways and make our lives more fulfilling and successful.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank no. 4.

Ans
✗ 1. fears
✗ 2. assumptions
✓ 3. perspectives
✗ 4. biases

Question ID : **264330149603**
Status : **Answered**
Chosen Option : **3**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.
Communication is very important for us humans in our daily lives. It means talking to others, (1)_____ our thoughts and feelings, and listening to what others have to say. When we communicate well, we can understand each other better and work together more (2)_____. Communication is especially important at work, where we need to work as a team and achieve common goals. Good communication helps us to avoid misunderstandings and (3)_____, and makes us more productive. In our personal relationships, communication helps us to express our feelings and needs to our friends, family and partners. When we communicate well, we can build stronger relationships and understand each other better. Communication is also important for society as a whole. It helps us to share information, ideas and knowledge, and to understand different cultures and (4)_____. Communication can also help us to make positive changes in our communities and (5)_____ for important causes. Overall, communication is a very important skill that we all need to learn and practice. It can help us in many different ways and make our lives more fulfilling and successful.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank no. 5.

Ans
✗ 1. propagate
✓ 2. advocate
✗ 3. inoculate
✗ 4. recommend

Question ID : **264330149604**
Status : **Answered**
Chosen Option : **1**

Section : **General Intelligence**

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Q.1 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. 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 / subtracting / 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.)

(7, 336)

(9, 722)

Ans

✗ 1. (5, 132)

✗ 2. (11, 1331)

✓ 3. (4, 57)

✗ 4. (12, 1735)

Question ID : **264330147003**
Status : **Answered**
Chosen Option : **3**

Q.2 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



Ans

✗ 1. ɐ7Ƨǝwʞ

✓ 2. ɐ7Ƨǝmʞ

✗ 3. ɐ7Ƨǝmʞ

✗ 4. ɐ7Ƨǝmʞ

Question ID : **264330146712**
Status : **Answered**
Chosen Option : **2**

Q.3 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
Some daisies are lilies.
All roses are lilies.
Some tulips are daisies.

Conclusions:
(I) Some lilies are tulips.
(II) Some roses are daisies.

Ans

✗ 1. Only conclusion (II) follows

✗ 2. Only conclusion (I) follows

✗ 3. Both conclusions (I) and (II) follow

✓ 4. Neither conclusion (I) nor (II) follows

Question ID : **264330146589**
Status : **Answered**
Chosen Option : **4**

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Q.4 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.

6 : 295 :: 7 : 1400 :: 8 : ?

Ans
1. 3099 ✗
2. 3095 ✓
3. 3093 ✗
4. 3090 ✗

Question ID : **264330147480**
Status : **Not Answered**
Chosen Option : **--**

Q.5 The position of how many letters will remain unchanged if each letter in the word NEUTRAL is arranged in alphabetical order?

Ans
1. One ✗
2. None ✗
3. Two ✓
4. Three ✗

Question ID : **264330146634**
Status : **Answered**
Chosen Option : **3**

Q.6 If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '−', what will come in place of the question mark (?) in the following equation?

39 A 3 B 11 C 57 D 29 = ?

Ans
1. 166 ✗
2. 171 ✓
3. 169 ✗
4. 174 ✗

Question ID : **264330146420**
Status : **Answered**
Chosen Option : **2**

Q.7 In a certain code language, 'blue black green grey pink' is written as 'mat fat tat bat gat', 'grey white orange green' is written as 'hat gat nat fat', 'orange green pink grey' is written as 'fat nat gat bat' and 'violet blue red' is written as 'tat lat dat'. How is 'black' written in that language?

Ans
1. tat ✗
2. gat ✗
3. fat ✗
4. mat ✓

Question ID : **264330146343**
Status : **Answered**
Chosen Option : **4**

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Q.8 If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '−', what will come in place of the question mark (?) in the following equation?

37 C 28 B 6 D 322 A 23 = ?

Ans

✔ 1. 191

✘ 2. 189

✘ 3. 181

✘ 4. 197

Question ID : **264330146435**
Status : **Answered**
Chosen Option : **1**

Q.9 Which number will replace the question mark (?) to complete the given series?

17, 18, 20, ?, 27, 32

Ans

✘ 1. 22

✘ 2. 20

✔ 3. 23

✘ 4. 21

Question ID : **264330150696**
Status : **Answered**
Chosen Option : **3**

Q.10 The position of how many letters will remain unchanged if each letter in the word DIALECT is arranged in alphabetical order?

Ans

✘ 1. Two

✘ 2. Four

✔ 3. One

✘ 4. Three

Question ID : **264330146633**
Status : **Marked For Review**
Chosen Option : **3**

Q.11 In a certain code language, 'PELT' is coded as '8257' and 'TAPE' is coded as '5712'. What is the code for 'L' in the given code language?

Ans

✔ 1. 8

✘ 2. 7

✘ 3. 5

✘ 4. 2

Question ID : **264330146576**
Status : **Answered**
Chosen Option : **1**

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Q.12 Looking at a woman sitting next to him, Gaurav said, "She is the sister of the husband of my wife." How is the woman related to Gaurav?

Ans

✗ 1. Daughter

✗ 2. Mother

✗ 3. Wife's sister

✓ 4. Sister

Question ID : **264330147508**
Status : **Answered**
Chosen Option : **4**

Q.13 In a certain code language,
A + B means 'A is the mother of B'
A – B means 'A is the brother of B'
A × B means 'A is the wife of B'
A ÷ B means 'A is the father of B'
Based on the above, how is M related to O if 'K ÷ L × M – N + O'?

Ans

✗ 1. Mother's husband

✓ 2. Mother's brother

✗ 3. Wife's father

✗ 4. Daughter's husband

Question ID : **264330147215**
Status : **Answered**
Chosen Option : **2**

Q.14 GMRW is related to TNID in a certain way based on a certain relationship between the given letters in the English alphabetical order. In the same way, AJQV is related to ZQJE. Which of the given options is ITZB related to following the same logic?

Ans

✗ 1. GHLM

✓ 2. RGAY

✗ 3. TUVM

✗ 4. YAGK

Question ID : **264330147068**
Status : **Answered**
Chosen Option : **2**

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Q.15 Which number from among the given options can replace the question mark (?) in the following series?

361, 306, ?, 208, 165, 126

Ans

✗ 1. 235

✗ 2. 216

✗ 3. 298

✓ 4. 255

Question ID : **264330146988**
Status : **Answered**
Chosen Option : **4**

Q.16 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the one that is different.

(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 / subtracting / 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.)

63 : 137

70 : 151

47 : 83

34 : 79

Ans

✗ 1. 63 : 137

✗ 2. 70 : 151

✓ 3. 47 : 83

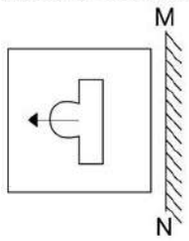
✗ 4. 34: 79

Question ID : **264330147026**
Status : **Answered**
Chosen Option : **3**

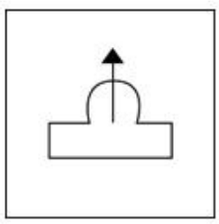
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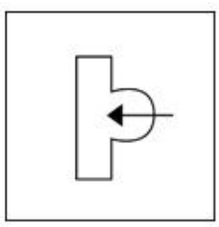
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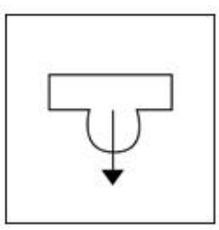
Q.17 Select the correct mirror image of the given figure when the mirror is placed at MN as shown.

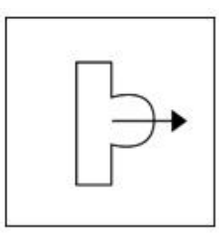


Ans

✗ 1. 

✗ 2. 

✗ 3. 

✓ 4. 

Question ID : **264330146467**
Status : **Answered**
Chosen Option : **4**

Q.18 Select the term from among the given options that can replace the question mark (?) in the following series based on the English alphabetical order.
SLZ, PHW, ?, JZQ, GVN

Ans

✓ 1. MDT

✗ 2. NFS

✗ 3. NES

✗ 4. MFT

Question ID : **264330147484**
Status : **Answered**
Chosen Option : **1**

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Q.19 Select the pair of letter-clusters which follows the same pattern as that followed by the two sets of pair of letter-clusters given below. Both pairs of letter-clusters follow the same pattern.

CGJ : HLO

KPS : PUX

Ans

✔ 1. FKL : KPQ

✗ 2. WXY : GEF

✗ 3. DEF : ABC

✗ 4. HGK : SQP

Question ID : **264330147114**
Status : **Answered**
Chosen Option : **1**

Q.20 Three of the following four are alike in a certain way and thus form a group. Which is the one that does NOT belong to that group?

Ans

✗ 1. NOR

✔ 2. LNP

✗ 3. DEH

✗ 4. LMP

Question ID : **264330151974**
Status : **Answered**
Chosen Option : **2**

Q.21 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

ABZ, CDX, EFV, GHT, ?

Ans

✗ 1. JKS

✗ 2. IJT

✔ 3. IJR

✗ 4. JKT

Question ID : **264330147265**
Status : **Answered**
Chosen Option : **3**

Q.22 Which term from among the given options can replace the question mark (?) in the following series to make it logically complete?

S 16 H, T 13 J, ?, V 23 N, W 46 P

Ans

✗ 1. U 39 L

✔ 2. U 26 L

✗ 3. U 10 K

✗ 4. U 29 K

Question ID : **264330146977**
Status : **Answered**
Chosen Option : **2**

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Q.23 Four number-triads have been given, out of which three are alike in some manner and one is different. Select the one that is different.

(NOTE: The second and third numbers in the given number-triads are formed by performing a certain operation on the first number. The same operation is followed in all the number-triads except one. Find that odd number-triad.)

Ans

✗ 1. 84 : 294 : 210

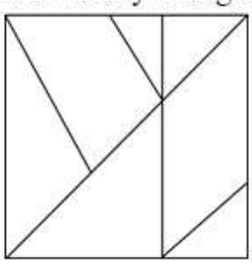
✗ 2. 68 : 238 : 170

✓ 3. 96 : 336 : 192

✗ 4. 52 : 182 : 130

Question ID : **264330147524**
Status : **Answered**
Chosen Option : **3**

Q.24 How many triangles are there in the given figure?



Ans

✗ 1. 7

✗ 2. 8

✓ 3. 9

✗ 4. 6

Question ID : **264330150521**
Status : **Answered**
Chosen Option : **2**

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Q.25 Identify the figure given in the options which when put in place of the question mark (?) will logically complete the series.

PENCIL	LPENCI	ILPENC	CILPEN	?

Ans

✔ 1. NCILPE

✘ 2. NINCLP

✘ 3. PENICL

✘ 4. CLIPEN

Question ID : **264330147250**
Status : **Answered**
Chosen Option : **1**

Section : **Quantitative Aptitude**

Q.1 A man invested ₹4,400 at 10% and ₹7,500 at 8% simple interest. What amount (in ₹) will he get from his investments after 12 years?

Ans

✘ 1. 24,830

✔ 2. 24,380

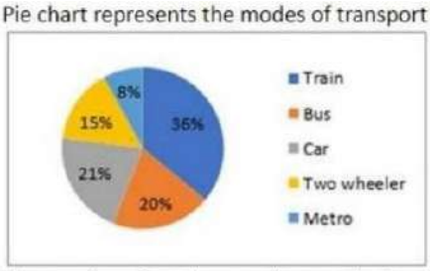
✘ 3. 28,380

✘ 4. 28,840

Question ID : **264330151405**
Status : **Answered**
Chosen Option : **2**

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Q.2 Pie chart represents the modes of transport used by different employees in a university.



The number of employees who use the bus if there are total of 150 employees is:

Ans
1. ✗ 25
2. ✗ 20
3. ✗ 18
4. ✓ 30

Question ID : **264330148432**
Status : **Answered**
Chosen Option : **4**

Q.3 Two cities P and Q are 181 km apart on a straight road. One man starts from P at 8:30 A.M. and travels toward Q at 30 km/h. If another man starts from Q at 8:54 A.M. and travels towards P at a speed of 35 km/h, then at what time will they meet?

Ans
1. ✓ 11:30 A.M.
2. ✗ 10:00 A.M.
3. ✗ 10:30 A.M.
4. ✗ 11:00 A.M.

Question ID : **264330148812**
Status : **Answered**
Chosen Option : **1**

Q.4 The angle subtended by an arc at the circumference of the circle is 55°. Find the angle subtended by it at the centre.

Ans
1. ✗ 35°
2. ✓ 110°
3. ✗ 125°
4. ✗ 27.5°

Question ID : **264330147644**
Status : **Answered**
Chosen Option : **2**

Q.5 The ratio of the father's age to his son's age is 5 : 3. The product of the numbers representing their ages is 960. The ratio of their ages after 6 years will be:

Ans
1. ✓ 23 : 15
2. ✗ 23 : 17
3. ✗ 21 : 15
4. ✗ 21 : 17

Question ID : **264330149438**
Status : **Answered**
Chosen Option : **1**

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Q.6 The cost price of an article is 72% of the marked price. The profit percentage after allowing a discount of 6% on the marked price is (rounded off to 2 decimal places):

Ans

✗ 1. 32.50%

✗ 2. 28.23%

✓ 3. 30.56%

✗ 4. 35.65%

Question ID : **264330149262**
Status : **Answered**
Chosen Option : **3**

Q.7 Simplify $\frac{36a^2 - 49b^2}{6a + 7b}$.

Ans

✗ 1. $7b - 6a$

✗ 2. $6a + 7b$

✓ 3. $6a - 7b$

✗ 4. $\frac{1}{6a - 7b}$

Question ID : **264330147651**
Status : **Answered**
Chosen Option : **3**

Q.8 A shopkeeper does a faulty weighing of an item of 930 gram instead of 1 kg and sells it at its cost price. Find his profit percentage on selling 15 kg of the item.

Ans

✗ 1. $8\frac{79}{93}\%$

✗ 2. $5\frac{21}{93}\%$

✓ 3. $7\frac{49}{93}\%$

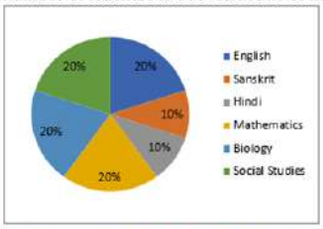
✗ 4. $6\frac{19}{93}\%$

Question ID : **264330147825**
Status : **Answered**
Chosen Option : **3**

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Q.9 Study the given pie-chart and answer the question that follows.

Percentage-wise distribution of teachers in six different subjects in a school is given in the pie-chart. The total number of teachers is 600. The ratio of male and female teachers is 3 : 1.



Find the total number of teachers in Mathematics, Biology and Social Studies.

Ans

✗ 1. 320

✗ 2. 420

✓ 3. 360

✗ 4. 400

Question ID : **264330148151**
Status : **Answered**
Chosen Option : **3**

Q.10 Rohita offers a discount of 20% on the marked price of an object. Due to recession of market, she further offers a discount of 30% on its sale. What is the equivalent single discount percentage corresponding to these two successive discounts offers?

Ans

✗ 1. 42%

✗ 2. 56%

✗ 3. 40%

✓ 4. 44%

Question ID : **264330150529**
Status : **Answered**
Chosen Option : **4**

Q.11 Following table shows the details of students, from universities A, B, C about Applied (App), Qualified (Qual), selected (sel) in various competitive examinations:

Year	University A			University B			University C		
	App	Qual	Sel	App	Qual	Sel	App	Qual	Sel
2016	6500	1000	190	7500	720	182	6800	900	178
2017	5000	450	148	8400	900	114	5500	830	185
2018	8000	1200	128	6500	600	128	6000	500	148
2019	10000	1800	190	7200	1000	155	7500	750	154
2020	8500	1500	170	9000	1200	110	9000	1000	180

The percentage of students qualified over the applied number of students, from University B, is highest in the year:

Ans

✗ 1. 2016

✗ 2. 2020

✗ 3. 2018

✓ 4. 2019

Question ID : **264330150635**
Status : **Not Answered**
Chosen Option : **--**

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Q.12 If four-fifths of five-sixths of one-eighth of a certain number is 4365, what is 65% of the number?

Ans

✗ 1. 36,375

✗ 2. 53,280

✓ 3. 34,047

✗ 4. 52,380

Question ID : **264330147619**
Status : **Answered**
Chosen Option : **3**

Q.13 Let ABC be a right-angled triangle where $\angle A = 90°$ and $\angle C = 45°$. Find the value of sec C + sin C sec C.

Ans

✗ 1. 1

✗ 2. $1 - \sqrt{2}$

✓ 3. $1 + \sqrt{2}$

✗ 4. $\sqrt{2} - 1$

Question ID : **264330147768**
Status : **Answered**
Chosen Option : **3**

Q.14 If $(3y + \frac{3}{y}) = 8$, find the value of $(y^2 + \frac{1}{y^2})$.

Ans

✓ 1. $5\frac{1}{9}$

✗ 2. $4\frac{5}{6}$

✗ 3. $7\frac{1}{9}$

✗ 4. $9\frac{1}{9}$

Question ID : **264330146849**
Status : **Answered**
Chosen Option : **1**

Q.15 If $(4\sin\theta + 5\cos\theta) = 3$, then the value of $(4\cos\theta - 5\sin\theta)$ is:

Ans

✗ 1. $3\sqrt{2}$

✓ 2. $4\sqrt{2}$

✗ 3. $2\sqrt{3}$

✗ 4. $2\sqrt{5}$

Question ID : **264330148058**
Status : **Not Answered**
Chosen Option : **--**

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Q.16 The total surface area of a solid hemisphere of diameter 14 cm is (use $\pi = \frac{22}{7}$):

Ans

✗ 1. $522\ cm^2$

✓ 2. $462\ cm^2$

✗ 3. $428\ cm^2$

✗ 4. $584\ cm^2$

Question ID : **264330148014**
Status : **Answered**
Chosen Option : **2**

Q.17 30 women working 5 hours a day can complete a work in 18 days. In how many days will 21 women working 8 hours a day complete the same work?

Ans

✗ 1. $18\frac{7}{13}$ days

✗ 2. $17\frac{11}{13}$ days

✓ 3. $16\frac{1}{14}$ days

✗ 4. $13\frac{3}{14}$ days

Question ID : **264330147828**
Status : **Answered**
Chosen Option : **3**

Q.18 The distance between two parallel chords of length 6 cm each, in a circle of diameter 10 cm is:

Ans

✗ 1. 12 cm

✓ 2. 8 cm

✗ 3. 6 cm

✗ 4. 4 cm

Question ID : **264330148020**
Status : **Answered**
Chosen Option : **2**

Q.19 The sum of the cubes of two given numbers is 10234, while the sum of the two given numbers is 34. What is the positive difference between the cubes of the two given numbers?

Ans

✓ 1. 3484

✗ 2. 3488

✗ 3. 3356

✗ 4. 8602

Question ID : **264330146854**
Status : **Not Answered**
Chosen Option : **--**

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Q.20 If $\text{Cosec}\,\theta - \cot\theta = \frac{7}{2}$, then the value of $\text{Cosec}\,\theta$ will be:

Ans

✗ 1. $\frac{49}{28}$

✗ 2. $\frac{21}{28}$

✗ 3. $\frac{47}{28}$

✓ 4. $\frac{53}{28}$

Question ID : **264330147846**
Status : **Answered**
Chosen Option : **4**

Q.21 The population of a city was 12,50,000 in the year 2010. It increased at the rate of 2% per annum during the years 2011 and 2012. In the year 2013, it decreased by 1%. Find the population of the city at the end of 2013.

Ans

✗ 1. 1,28,54,952

✗ 2. 13,50,000

✗ 3. 13,87,495

✓ 4. 12,87,495

Question ID : **264330147755**
Status : **Answered**
Chosen Option : **4**

Q.22 The average weight of a class of 30 students is 45 kg. One of the students whose weight is 48.5 kg is replaced by another student and the average weight was increased by 200 g. Find the weight of the new student.

Ans

✓ 1. 54.5 kg

✗ 2. 50 kg

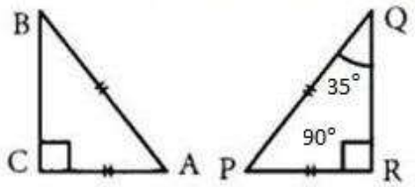
✗ 3. 55 kg

✗ 4. 51 kg

Question ID : **264330148230**
Status : **Answered**
Chosen Option : **4**

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Q.23 If $\Delta ABC \cong \Delta PQR$, then the value of $\angle A$ is:



Ans
1. ✔ 55°
2. ✘ 90°
3. ✘ 35°
4. ✘ 45°

Question ID : **264330148436**
Status : **Answered**
Chosen Option : **1**

Q.24 The perimeter of a minor sector of a circle of radius 5 cm is 15.5 cm. Find the area of the minor sector (use $\pi = \frac{22}{7}$).

Ans
1. ✘ 17.53 cm^2
2. ✔ 13.75 cm^2
3. ✘ 13.57 cm^2
4. ✘ 17.35 cm^2

Question ID : **264330147979**
Status : **Answered**
Chosen Option : **2**

Q.25 Find the least value for * in the number 3*7440 such that it is divisible by 12.

Ans
1. ✔ 0
2. ✘ 2
3. ✘ 1
4. ✘ 4

Question ID : **264330148128**
Status : **Answered**
Chosen Option : **1**

Section : **General Awareness**

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Q.1 In the middle of which century did the Arab traveller Sulaiman visit India?

Ans

✗ 1. 15^{th}

✓ 2. 9^{th}

✗ 3. 11^{th}

✗ 4. 6^{th}

Question ID : **264330150202**
Status : **Marked For Review**
Chosen Option : **3**

Q.2 Ramnad V Raghavan is associated with which of the following musical instruments?

Ans

✓ 1. Mridangam

✗ 2. Flute

✗ 3. Sitar

✗ 4. Sarod

Question ID : **264330148678**
Status : **Answered**
Chosen Option : **1**

Q.3 Who among the following is the first Indian paddler who won a medal at the International Table Tennis Federation (ITTF)–Asian Table Tennis Union (ATTU) Asia Cup 2022?

Ans

✗ 1. Mouma Das

✓ 2. Manika Batra

✗ 3. Manti Ghosh

✗ 4. Naina Jaiswal

Question ID : **264330154816**
Status : **Answered**
Chosen Option : **2**

Q.4 Padma Shri Award 2022 was given to whom among the following Kuchipudi dancers?

Ans

✗ 1. Pallavi Krishnan

✗ 2. Sunanda Nair

✓ 3. Padmaja Reddy

✗ 4. Sitara Devi

Question ID : **264330148690**
Status : **Answered**
Chosen Option : **3**

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Q.5 The correct order of electron affinity of halogens is:

Ans

✗ 1. F<I<Br<Cl

✗ 2. I<Br<Cl<F

✓ 3. I<Br<F<Cl

✗ 4. I>Br>F<Cl

Question ID : **264330145827**
Status : **Answered**
Chosen Option : **3**

Q.6 The government is bound to ensure observance of social welfare and labour laws enacted to secure for workmen a life compatible with human dignity, under _____ of the Indian Constitution.

Ans

✗ 1. Article 17

✗ 2. Article 15

✗ 3. Article 19

✓ 4. Article 21

Question ID : **264330150359**
Status : **Answered**
Chosen Option : **1**

Q.7 Which great leader died due to his injuries in the Anti-Simon Commission Protest of 1928?

Ans

✓ 1. Lala Lajpat Rai

✗ 2. Lala Hardayal

✗ 3. Bhagat Singh

✗ 4. Bal Gangadhar Tilak

Question ID : **264330150222**
Status : **Answered**
Chosen Option : **1**

Q.8 The estimation of poverty line in India is based on the survey conducted by which of the following?

Ans

✗ 1. Ministry of Finance

✗ 2. Reserve Bank of India (RBI)

✗ 3. Ministry of Rural Development

✓ 4. National Statistical Office (NSO)

Question ID : **264330150287**
Status : **Answered**
Chosen Option : **3**

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Q.9 Match the columns.

States	Cultural festivals
A) Bihar	I) Bihu
B) Arunachal Pradesh	II) Tam Ladu
C) Assam	III) Fatorpa Zatra
D) Goa	IV) Chhath

Ans
✔ 1. A-IV, B-II, C-I, D-III
✘ 2. A-III, B-I, C-IV, D-II
✘ 3. A-I, B-IV, C-III, D-II
✘ 4. A-I, B-II, C-III, D-IV

Question ID : **264330151323**
Status : **Answered**
Chosen Option : **1**

Q.10 According to the Indian Minerals Yearbook 2020, which state in India has the highest share of limestone production?

Ans
✘ 1. Telangana
✘ 2. Chhattisgarh
✘ 3. Madhya Pradesh
✔ 4. Rajasthan

Question ID : **264330150255**
Status : **Answered**
Chosen Option : **1**

Q.11 **As of March 2023 India men's Soccer team captain Sunil Chhetri became the _____ highest goal Scorer in International Football appearances.**

Ans
✘ 1. Tenth
✘ 2. Eighth
✔ 3. Fifth
✘ 4. Fourth

Question ID : **264330149936**
Status : **Answered**
Chosen Option : **4**

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Q.12 The era of five year plans began in India with the establishment of _____.

Ans
✗ 1. The NITI Aayog
✗ 2. The Parliament
✗ 3. The Finance Commission
✓ 4. The Planning Commission

Question ID : **264330144709**
Status : **Answered**
Chosen Option : **4**

Q.13 Which of the following principles was added by the 42nd Constitutional Amendment in the Indian Constitution?

Ans
✗ 1. The State shall provide free and compulsory education
✗ 2. To organise agriculture and animal husbandry on modern and scientific lines
✓ 3. To protect and improve the environment and to safeguard forests and wildlife
✗ 4. Reservation of SC's and ST's in services

Question ID : **264330145942**
Status : **Answered**
Chosen Option : **3**

Q.14 In which months is Rabi crop sown?

Ans
✗ 1. April-May
✓ 2. October-December
✗ 3. February-March
✗ 4. September-October

Question ID : **264330150296**
Status : **Answered**
Chosen Option : **4**

Q.15 The periodic growth and drop of sea water level is known as:

Ans
✗ 1. wave
✗ 2. sea current
✓ 3. tide
✗ 4. flood

Question ID : **264330145848**
Status : **Answered**
Chosen Option : **3**

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Q.16 In which of the following years did the East India Company abolish the diarchy system of Bengal?

Ans
✔ 1. 1772
✘ 2. 1765
✘ 3. 1757
✘ 4. 1779

Question ID : **264330150216**
Status : **Answered**
Chosen Option : **1**

Q.17 In India, which Ministry issues the coins of all denominations?

Ans
✘ 1. Ministry of External Affairs
✘ 2. Ministry of Home Affairs
✘ 3. Ministry of Mines
✔ 4. Ministry of Finance

Question ID : **264330145709**
Status : **Answered**
Chosen Option : **4**

Q.18 Which of the following statements is/are true about currency notes?

i. They do not have intrinsic value.

ii. They can be called fiat money.

iii. They are not legal tenders.

Ans
✘ 1. Only ii
✘ 2. Only i
✔ 3. Only i and ii
✘ 4. Only ii and iii

Question ID : **264330146116**
Status : **Not Answered**
Chosen Option : **--**

Q.19 Net domestic product is calculated as_____.

Ans
✔ 1. GDP – Depreciation
✘ 2. GNP – Depreciation
✘ 3. GDP – Net income earned from abroad
✘ 4. GNP – Net income earned from abroad

Question ID : **264330146122**
Status : **Answered**
Chosen Option : **4**

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Q.20 Which of the following claims concerning the magnetic lines of force inside a bar magnet is true?

Ans

✗ 1. Do not exist

✓ 2. From S-pole to N-pole of the magnet

✗ 3. Depends on the cross-sectional area of the bar magnet

✗ 4. From N-pole to S-pole of the magnet

Question ID : **264330144462**
Status : **Answered**
Chosen Option : **3**

Q.21 Which of these is a component of the tertiary sector of an economy?

Ans

✗ 1. Mining and quarrying

✗ 2. Water supply

✗ 3. Electricity

✓ 4. Hotels and restaurants

Question ID : **264330144664**
Status : **Answered**
Chosen Option : **4**

Q.22 Which Asian country was the host of the first Asian Games?

Ans

✗ 1. Thailand

✗ 2. Indonesia

✓ 3. India

✗ 4. Japan

Question ID : **264330145991**
Status : **Answered**
Chosen Option : **3**

Q.23 Sleeping sickness is a vector borne disease caused by the infection of which microscopic parasite of the species?

Ans

✓ 1. Trypanosoma brucei

✗ 2. Balantioides coli

✗ 3. Giardia duodenalis

✗ 4. Cyclospora cayetanensis

Question ID : **264330145613**
Status : **Not Answered**
Chosen Option : **--**

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Q.24 The Chari Folk dance is primarily performed by women of which Indian state?

Ans

✗ 1. Odisha

✗ 2. Karnataka

✗ 3. Jharkhand

✓ 4. Rajasthan

Question ID : **264330145759**
Status : **Answered**
Chosen Option : **1**

Q.25 In 2023, the Government of India launched the nationwide 'Sarva Dawa Sevan' or mass drug administration to eliminate the disease _____.

Ans

✓ 1. lymphatic filariasis

✗ 2. thalassemia

✗ 3. Zika virus

✗ 4. multi drug resistant tuberculosis

Question ID : **264330145945**
Status : **Answered**
Chosen Option : **1**

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