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Combined Higher Secondary Level Examination 2023 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	14/08/2023
Exam Time	9:00 AM - 10:00 AM
Subject	CHSL Exam 2023 Tier I

Section : **English Language**

Q.1 **Select the most appropriate meaning of the given idiom.**
Throw cold water on

Ans
✓ 1. To show indifference
✗ 2. To rinse thoroughly
✗ 3. To encourage
✗ 4. To talk nicely

Question ID : **264330147601**
Status : **Answered**
Chosen Option : **1**

Q.2 **Select the option that can be used as a one-word substitute for the given group of words.**
Unpleasantly rough or sharp, especially to the senses, cruel

Ans
✗ 1. Haslet
✗ 2. Hart
✓ 3. Harsh
✗ 4. Hasp

Question ID : **264330143635**
Status : **Answered**
Chosen Option : **3**

Q.3 **Select the ANTONYM of the word inadvertent to fill in the blank.**
Everyone likes to speak in a clear and _____ manner.

Ans
✗ 1. unintentional
✗ 2. peevish
✓ 3. deliberate
✗ 4. impious

Question ID : **264330149854**
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.**

Syamala is <u>more taller</u> than her sister.

Ans
✗ 1. tall
✓ 2. taller
✗ 3. most taller
✗ 4. tallest

Question ID : **264330143165**
Status : **Answered**
Chosen Option : **2**

Q.5 **The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.**

Hurray! Here is the toy / what I was looking for / as my birthday gift.

Ans
✗ 1. Hurray! Here is the toy
✗ 2. No error
✓ 3. what I was looking for
✗ 4. as my birthday gift.

Question ID : **264330148716**
Status : **Answered**
Chosen Option : **3**

Q.6 **Parts of the following sentence have been given as options. Select the option that contains an error.**

The politician was accused of accepting bribes and lied about it to the public.

Ans
✗ 1. of accepting bribes
✗ 2. The politician was accused
✓ 3. and lied about it
✗ 4. to the public

Question ID : **264330142563**
Status : **Answered**
Chosen Option : **3**

Q.7 **Select the most appropriate synonym of the given word.**

Paragon

Ans
✗ 1. Transient
✓ 2. Epitome
✗ 3. Associate
✗ 4. Grumpy

Question ID : **264330144241**
Status : **Not Answered**
Chosen Option : **--**

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Q.8 **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.Through these experiences, Sarah gained a newfound appreciation for the beauty and complexity of the world, and returned home with a renewed sense of purpose and passion.
B.Sarah had always dreamed of traveling the world, but she never had the opportunity to do so until she graduated from college.
C.Along the way, she encountered a diverse array of individuals, each with their own unique stories and perspectives.
D.With her degree in hand, she set off on a backpacking adventure across Europe, eager to explore new cultures and meet new people.

Ans
✗ 1. BACD
✗ 2. CBAD
✗ 3. DBCA
✓ 4. BDCA

Question ID : **264330150162**
Status : **Answered**
Chosen Option : **4**

Q.9 **Select the most appropriate synonym of the bracketed word in the following sentence to fill in the blank.**

The playwright borrowed the _____ (crux) of plot from Shakespeare.

Ans
✗ 1. peel
✗ 2. subsistence
✓ 3. essence
✗ 4. blueprint

Question ID : **264330142650**
Status : **Answered**
Chosen Option : **4**

Q.10 **Select the option that can be used as a one-word substitute for the given group of words.**
An imperfection; a blemish, a crack

Ans
✗ 1. Flaunt
✗ 2. Fleck
✓ 3. Flaw
✗ 4. Flea

Question ID : **264330143634**
Status : **Answered**
Chosen Option : **3**

Q.11 **Select the most appropriate synonym of the underlined word in the given sentence.**

He lost the golden opportunity due to his habit of <u>procrastination</u>.

Ans
✓ 1. indecisiveness
✗ 2. impulsiveness
✗ 3. inquisitiveness
✗ 4. submissiveness

Question ID : **264330144250**
Status : **Answered**
Chosen Option : **1**

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Q.12 **Select the most appropriate synonym of the underlined word.**

Syam does not <u>intervene</u> in others' affairs.

Ans
✔ 1. Meddle
✘ 2. Speak
✘ 3. Trouble
✘ 4. Help

Question ID : **264330143173**
Status : **Answered**
Chosen Option : **1**

Q.13 **Select the most appropriate synonym of the bracketed word in the following sentence to fill in the blank.**

The text _____ (implies) to several themes that need closer examination.

Ans
✔ 1. alludes
✘ 2. deceives
✘ 3. embellishes
✘ 4. apprehends

Question ID : **264330148947**
Status : **Answered**
Chosen Option : **4**

Q.14 **The following sentence has been split into four segments. Identify the segment that contains a spelling error.**

According to a report / every day / thousands of animals / are slautered.

Ans
✘ 1. thousands of animals
✔ 2. are slautered
✘ 3. every day
✘ 4. According to a report

Question ID : **264330143193**
Status : **Answered**
Chosen Option : **3**

Q.15 **Select the most appropriate idiom for the underlined words in the given sentence.**

Piyush is <u>inexperienced</u> in leather industry.

Ans
✘ 1. in great hands
✘ 2. a sore thumb
✘ 3. hang fire
✔ 4. a greenhorn

Question ID : **264330142662**
Status : **Answered**
Chosen Option : **4**

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Q.16 **Parts of a sentence are given below in jumbled order. Arrange the parts in the correct order to form a meaningful sentence.**
(A) to simplify filling taxes
(B) to a single flat rate
(C) the current five rates
(D) by narrowing
(E) Forbes wanted

Ans
✗ 1. EBDCA
✗ 2. ECDAB
✗ 3. EDACB
✓ 4. EADCB

Question ID : **264330148710**
Status : **Answered**
Chosen Option : **4**

Q.17 **Select the option that expresses the given sentence in passive voice.**
She killed the cockroach.

Ans
✗ 1. The cockroach was being killed by her.
✗ 2. The cockroach is killed by her.
✓ 3. The cockroach was killed by her.
✗ 4. The cockroach has been killed by her.

Question ID : **264330144823**
Status : **Answered**
Chosen Option : **3**

Q.18 **Select the most appropriate option that expresses the given sentence in passive voice.**
The student asked the teacher a question during class.

Ans
✓ 1. A question was asked by the student to the teacher during class.
✗ 2. A question is being asked by the student to the teacher during class.
✗ 3. A question asked by the student to the teacher during class.
✗ 4. A question will be asked by the student to the teacher during class.

Question ID : **264330144186**
Status : **Answered**
Chosen Option : **1**

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

People were _____ to safe places by the rescue team after the earthquake.

Ans
✗ 1. ebacuated
✓ 2. evacuated
✗ 3. evkuated
✗ 4. evakuated

Question ID : **264330144133**
Status : **Answered**
Chosen Option : **2**

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Q.20 **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)Electronic waste is a huge challenge to the world today.
B)But the unrequired purchase by consumers cannot be halted.
C)However, an awareness on reduce and reuse can be of great help.
D)Recycling industries are working hard to reduce the burden of waste.

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

Question ID : **264330143047**
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.
All the housewives who went to the Kalpatharu Supermarket in Bengaluru had one great ambition: to be the lucky customer who did not have to pay for her (1)_____ . For this was what that notice just inside the entrance promised. It said: 'Remember, once a week, one of our customers gets free goods. This may be your (2)_____ day!'
For several weeks Mrs. Batliwala hoped, like many of her friends, to be the lucky (3)_____ . Unlike her friends she never gave up hope. Her kitchen was full of things which she did not need. She dreamed of the day when the manager of the supermarket would approach her and say "Madam, this is your lucky day. (4)_____ in your basket is free."
On Saturday morning, Mrs. Batliwala went to the supermarket and bought only tea. She went to the cash desk when the manager of the supermarket come up to her and said. "You are our lucky customer and everything in your basket is (5)_____ !"

SubQuestion No : 21

Q.21 **Select the most appropriate option to fill in blank number 1.**

Ans
✗ 1. cloths
✓ 2. shopping
✗ 3. sugar
✗ 4. jewellery

Question ID : **264330147587**
Status : **Answered**
Chosen Option : **2**

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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.
All the housewives who went to the Kalpatharu Supermarket in Bengaluru had one great ambition: to be the lucky customer who did not have to pay for her (1)_____ . For this was what that notice just inside the entrance promised. It said: 'Remember, once a week, one of our customers gets free goods. This may be your (2)_____ day!'
For several weeks Mrs. Batliwala hoped, like many of her friends, to be the lucky (3)_____ . Unlike her friends she never gave up hope. Her kitchen was full of things which she did not need. She dreamed of the day when the manager of the supermarket would approach her and say "Madam, this is your lucky day. (4)_____ in your basket is free."
On Saturday morning, Mrs. Batliwala went to the supermarket and bought only tea. She went to the cash desk when the manager of the supermarket come up to her and said. "You are our lucky customer and everything in your basket is (5)_____ !"

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

Ans
✗ 1. easy
✓ 2. lucky
✗ 3. smart
✗ 4. happy

Question ID : **264330147588**
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.
All the housewives who went to the Kalpatharu Supermarket in Bengaluru had one great ambition: to be the lucky customer who did not have to pay for her (1)_____ . For this was what that notice just inside the entrance promised. It said: 'Remember, once a week, one of our customers gets free goods. This may be your (2)_____ day!'
For several weeks Mrs. Batliwala hoped, like many of her friends, to be the lucky (3)_____ . Unlike her friends she never gave up hope. Her kitchen was full of things which she did not need. She dreamed of the day when the manager of the supermarket would approach her and say "Madam, this is your lucky day. (4)_____ in your basket is free."
On Saturday morning, Mrs. Batliwala went to the supermarket and bought only tea. She went to the cash desk when the manager of the supermarket come up to her and said. "You are our lucky customer and everything in your basket is (5)_____ !"

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

Ans
✗ 1. seller
✗ 2. day
✗ 3. women
✓ 4. customer

Question ID : **264330147589**
Status : **Answered**
Chosen Option : **4**

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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.
All the housewives who went to the Kalpatharu Supermarket in Bengaluru had one great ambition: to be the lucky customer who did not have to pay for her (1)_____ . For this was what that notice just inside the entrance promised. It said: 'Remember, once a week, one of our customers gets free goods. This may be your (2)_____ day!'
For several weeks Mrs. Batliwala hoped, like many of her friends, to be the lucky (3)_____ . Unlike her friends she never gave up hope. Her kitchen was full of things which she did not need. She dreamed of the day when the manager of the supermarket would approach her and say "Madam, this is your lucky day. (4)_____ in your basket is free."
On Saturday morning, Mrs. Batliwala went to the supermarket and bought only tea. She went to the cash desk when the manager of the supermarket come up to her and said. "You are our lucky customer and everything in your basket is (5)_____ !"

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

Ans
✗ 1. products
✗ 2. sample
✓ 3. everything
✗ 4. packets

Question ID : **264330147590**
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.
All the housewives who went to the Kalpatharu Supermarket in Bengaluru had one great ambition: to be the lucky customer who did not have to pay for her (1)_____ . For this was what that notice just inside the entrance promised. It said: 'Remember, once a week, one of our customers gets free goods. This may be your (2)_____ day!'
For several weeks Mrs. Batliwala hoped, like many of her friends, to be the lucky (3)_____ . Unlike her friends she never gave up hope. Her kitchen was full of things which she did not need. She dreamed of the day when the manager of the supermarket would approach her and say "Madam, this is your lucky day. (4)_____ in your basket is free."
On Saturday morning, Mrs. Batliwala went to the supermarket and bought only tea. She went to the cash desk when the manager of the supermarket come up to her and said. "You are our lucky customer and everything in your basket is (5)_____ !"

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

Ans
✗ 1. yours
✗ 2. expensive
✗ 3. cheap
✓ 4. free

Question ID : **264330147591**
Status : **Answered**
Chosen Option : **4**

Section : **General Intelligence**

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Q.1 ADEC is related to GJKI in a certain way based on the English alphabetical order. In the same way, HKLJ is related to NQRP. To which of the following is MPQO related to, following the same logic?

Ans

✗ 1. TVWU

✗ 2. SWXV

✗ 3. TWXU

✓ 4. SVWU

Question ID : **264330147308**
Status : **Answered**
Chosen Option : **4**

Q.2 The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number pairs except one. Find that odd number pair.

(NOTE: Operations should be performed on whole numbers, without breaking down the numbers into their 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.)

Ans

✗ 1. 31 : 215

✗ 2. 29 : 201

✗ 3. 21 : 145

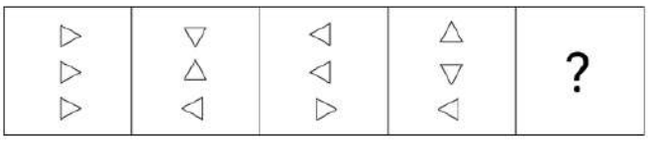
✓ 4. 25 : 177

Question ID : **264330150853**
Status : **Answered**
Chosen Option : **4**

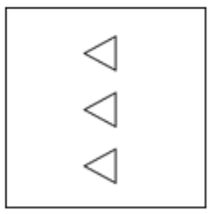
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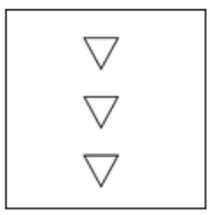
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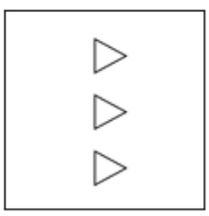
Q.3 Identify the figure given in the options which when put in place of ? will logically complete the series.

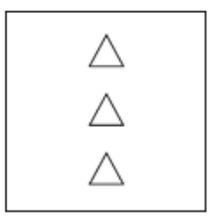


Ans

✗ 1. 

✗ 2. 

✓ 3. 

✗ 4. 

Question ID : **264330146306**
Status : **Answered**
Chosen Option : **3**

Q.4 Based on the alphabetical order, 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. QMS

✓ 2. HDC

✗ 3. VRX

✗ 4. DZF

Question ID : **264330146652**
Status : **Answered**
Chosen Option : **2**

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Q.5 In a certain code language,

A + B means 'A is the brother of B',
A – B means 'A is the father of B',
A × B means 'A is the mother of B',
A ÷ B means 'A is the wife of B'.

Based on the above, if 'P × Q - R ÷ S + T', which of the following is true?

Ans
1. ✗ T is the brother of R.
2. ✗ P is the mother of R.
3. ✗ T is the sister of S.
4. ✓ Q is the son of P.

Question ID : **264330147282**
Status : **Answered**
Chosen Option : **3**

Q.6 FAP is related to PAF in a certain way based on the English alphabetical order. In the same way, JFM is related to MFJ. To which of the following is NKT related following the same logic?

Ans
1. ✓ TKN
2. ✗ OLU
3. ✗ KTN
4. ✗ LIR

Question ID : **264330152073**
Status : **Answered**
Chosen Option : **1**

Q.7 Each of the letters in the word NETWORK are arranged in alphabetical order. How many letters are there in the English alphabetical series between the letter which is fourth from the left and the one which is second from the right?

Ans
1. ✗ 3
2. ✗ 6
3. ✗ 5
4. ✓ 4

Question ID : **264330147170**
Status : **Answered**
Chosen Option : **4**

Q.8 31 is related to 94 in a certain way. Following the same logic, 37 is related to 112. To which of the following is 63 related, following the same logic?

Ans
1. ✗ 192
2. ✗ 189
3. ✓ 190
4. ✗ 194

Question ID : **264330150900**
Status : **Answered**
Chosen Option : **3**

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Q.9 Select the number from among the given options that can replace the question mark (?) in the following series.

141, 152, 143, 155, 145, 158, ?

Ans

✔ 1. 147

✘ 2. 162

✘ 3. 148

✘ 4. 161

Question ID : **264330146885**
Status : **Answered**
Chosen Option : **1**

Q.10 Find out the correct alternative that when filled in the blanks in the same sequence will make the series logically complete.

CN_F F_ZE ILC_ _KFC OJI_

Ans

✘ 1. VNDLA

✘ 2. XNDKB

✘ 3. XMCLA

✔ 4. WMDLB

Question ID : **264330146629**
Status : **Not Answered**
Chosen Option : **--**

Q.11 L is the daughter of H. H is married to K. K is the mother of I. I is the father of J. J is married to M. M is the sister of N.
How is J related to H?

Ans

✘ 1. Brother's son

✘ 2. Daughter's son

✔ 3. Son's son

✘ 4. Son

Question ID : **264330146093**
Status : **Answered**
Chosen Option : **3**

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Q.12 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 buses are motorbikes.
All motorbikes are vans.
All buses are cars.

Conclusions:

(I) Some cars are vans.
(II) Some vans are buses.
(III) Some vans are motorbikes.

Ans

✗ 1. Only conclusion II follows

✓ 2. All conclusions I, II and III follow

✗ 3. Only conclusion I follows

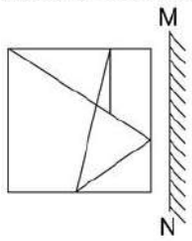
✗ 4. Both conclusions I and II follow

Question ID : **264330147467**
Status : **Answered**
Chosen Option : **2**

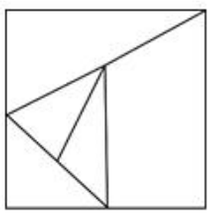
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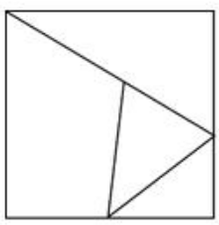
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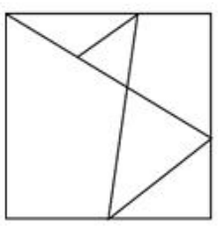
Q.13 Select the correct mirror image of the given figure when the mirror is placed at MN as shown.

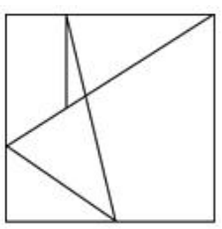


Ans

✗ 1. 

✗ 2. 

✗ 3. 

✓ 4. 

Question ID : **264330146474**
Status : **Answered**
Chosen Option : **4**

Q.14 What should come in place of X in the given series?

16 19 25 34 46 X

Ans

✗ 1. 60

✗ 2. 58

✗ 3. 59

✓ 4. 61

Question ID : **264330152155**
Status : **Answered**
Chosen Option : **4**

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Q.15 What will come in the place of '?' in the following equation, if '+' and '–' are interchanged and '×'and '÷' are interchanged?

53 ÷ 4 – 21 × 7 + 14 = ?

Ans
1. ✗ 203
2. ✓ 201
3. ✗ 202
4. ✗ 200

Question ID : **264330147386**
Status : **Not Answered**
Chosen Option : **--**

Q.16 In a certain code language, 'DOG' is coded as '26' and 'BIN' is coded as '25'. What will be the code for 'JAM' in the given code language?

Ans
1. ✗ 25
2. ✗ 23
3. ✓ 24
4. ✗ 27

Question ID : **264330147496**
Status : **Answered**
Chosen Option : **1**

Q.17 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.)

216 : 40

72 : 22

112 : 32

312 : 82

Ans
1. ✓ 216 : 40
2. ✗ 112 : 32
3. ✗ 312 : 82
4. ✗ 72 : 22

Question ID : **264330147029**
Status : **Not Answered**
Chosen Option : **--**

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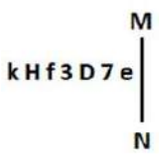
Q.18 If 'V' stands for '÷', 'Z' stands for '×', 'M' stands for '+' and 'P' stands for '−', then what will be come in place of the question mark (?) in the following equation?

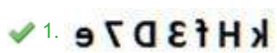
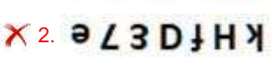
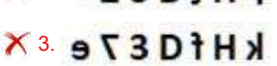
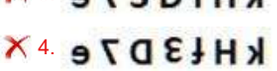
81 M 46 P 72 V 12 Z 12 = ?

Ans
1. 10 ✗
2. 35 ✗
3. 15 ✗
4. 55 ✓

Question ID : **264330147452**
Status : **Answered**
Chosen Option : **4**

Q.19 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



Ans
1.  ✓
2.  ✗
3.  ✗
4.  ✗

Question ID : **264330146678**
Status : **Answered**
Chosen Option : **1**

Q.20 Select the set in which the numbers are related in the same way as are the numbers of the given sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their 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.)

12 : 92 : 8
16 : 92 : 6

Ans
1. 9 : 122 : 14 ✓
2. 13 : 60 : 5 ✗
3. 15 : 184 : 12 ✗
4. 8 : 109 : 14 ✗

Question ID : **264330151015**
Status : **Answered**
Chosen Option : **1**

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Q.21 If 12 April 2004 is Monday, then what will be the day of the week on 24 May 2012?

Ans

✗ 1. Sunday

✗ 2. Friday

✓ 3. Thursday

✗ 4. Monday

Question ID : **264330146646**
Status : **Answered**
Chosen Option : **3**

Q.22 In a certain code language, 'HALF' is coded as '8041' and 'FLAG' is coded as '4980'. What is the code for 'G' in the given code language?

Ans

✗ 1. 4

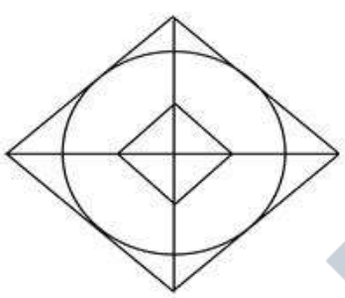
✓ 2. 9

✗ 3. 0

✗ 4. 8

Question ID : **264330146582**
Status : **Answered**
Chosen Option : **2**

Q.23 How many triangles are there in the given figure?



Ans

✓ 1. 16

✗ 2. 18

✗ 3. 15

✗ 4. 17

Question ID : **264330146918**
Status : **Answered**
Chosen Option : **1**

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Q.24 Find the correct alternative that when filled in the blanks in the same sequence will make the series logically complete.
R _ R _ D _ _ D R _ _ R _ D _

Ans
✗ 1. DRDDDRRD
✗ 2. RDRRDRDD
✓ 3. DRRRRDRR
✗ 4. RDDRDDRD

Question ID : **264330150478**
Status : **Answered**
Chosen Option : **3**

Q.25 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.

BFG : LPQ
HKM : RUW

Ans
✓ 1. MPO : WZY
✗ 2. GKN : TPM
✗ 3. ABC : FGH
✗ 4. JRS : IQR

Question ID : **264330147113**
Status : **Answered**
Chosen Option : **1**

Section : **Quantitative Aptitude**

Q.1 In ΔXYZ, L and M are the middle points of the sides XY and XZ, respectively. N is a point on the segment LM such that LN : NM = 1 : 2. If LN = 5 cm, then YZ is equal to:

Ans
✓ 1. 30 cm
✗ 2. 24 cm
✗ 3. 28 cm
✗ 4. 26 cm

Question ID : **264330149454**
Status : **Answered**
Chosen Option : **1**

Q.2 If θ be an acute angle and $\tan\theta + \cot\theta = 2$, then the value of $2\tan^2\theta + \cot^2\theta + \tan^4\theta\cot^4\theta$ is:

Ans
✓ 1. 4
✗ 2. 2
✗ 3. 3
✗ 4. 6

Question ID : **264330149464**
Status : **Answered**
Chosen Option : **1**

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Q.3 If $\text{cosec } A + \cot A = 7$, then $\text{cosec } A$ is equal to:

Ans

✗ 1. $\frac{11}{7}$

✗ 2. $\frac{16}{7}$

✓ 3. $\frac{25}{7}$

✗ 4. $\frac{19}{7}$

Question ID : **264330148031**
Status : **Answered**
Chosen Option : **3**

Q.4 In right angled triangle ABC, if $\angle A = 30°$, find the value of $3 \sin A - 4 \sin^3 A$.

Ans

✗ 1. 2

✗ 2. -1

✗ 3. -2

✓ 4. 1

Question ID : **264330148767**
Status : **Answered**
Chosen Option : **4**

Q.5 A money lender lent ₹30,000 in two parts, one at the rate of 8% and the other at 9%. If the total annual simple interest on the amount is ₹2,650, then what is the amount of money lent at the rate of 8%?

Ans

✗ 1. ₹6,000

✓ 2. ₹5,000

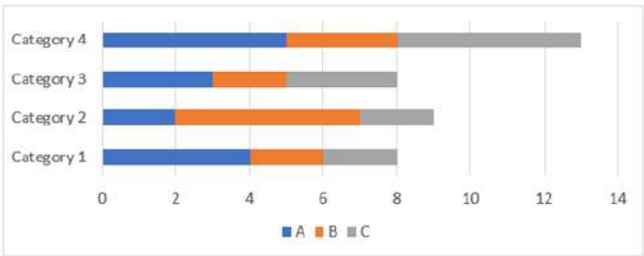
✗ 3. ₹4,500

✗ 4. ₹5,500

Question ID : **264330151369**
Status : **Answered**
Chosen Option : **2**

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Q.6 The number of patients in four different categories in three hospitals A, B and C are given below.



The total number of patients in three hospitals A, B and C, respectively, are:

Ans
1. 12, 14, 12 ✗
2. 12, 12, 14 ✗
3. 14, 12, 12 ✓
4. 14, 13, 12 ✗

Question ID : **264330150608**
Status : **Answered**
Chosen Option : **3**

Q.7 A can complete a piece of work in 9 days. B and C can complete the same work in 12 days and 18 days respectively. If A, B, C work together, then in how many days will they complete the work?

Ans
1. 10 ✗
2. 8 ✗
3. 4 ✓
4. 15 ✗

Question ID : **264330148142**
Status : **Answered**
Chosen Option : **3**

Q.8 Arun brought 50 kg of rice at a discount of 15% on the marked price. For purchasing bulk quantity, he was given 5 kg of wheat (the marked price of which was 60% the marked price of rice) free of cost. Had the retailer sold both items at their marked price to his other customers, then approximately what would be the profit percentage that the shopkeeper could earn?

Ans
1. 24.7% ✓
2. 25.2% ✗
3. 22.8% ✗
4. 23.5% ✗

Question ID : **264330149765**
Status : **Not Answered**
Chosen Option : **--**

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Q.9 Roma spends 25% of her income on food, 15% on children's books and 75% of the remaining income on uniforms. What is the percentage of income she is left with?

Ans
1. 35%
2. 20%
3. 15% ✓
4. 19%

Question ID : **264330149415**
Status : **Answered**
Chosen Option : **3**

Q.10 The marked price of a book is ₹250 and it was sold at a discount of 12%. The selling price of the book is:

Ans
1. ₹230
2. ₹234
3. ₹220 ✓
4. ₹225

Question ID : **264330147852**
Status : **Answered**
Chosen Option : **3**

Q.11 In a show room, the ratio of TVs and rice cookers is 2 : 3. Find the percentage of rice cookers in the show room.

Ans
1. 40%
2. 30%
3. 60% ✓
4. 50%

Question ID : **264330147750**
Status : **Answered**
Chosen Option : **3**

Q.12 The sales of an item of a company in 4-quarters are given below.



If the difference in sales of item in 3rd quarter and 4th quarter is 36, then the total sale of the 1st quarter is _____.

Ans
1. 250
2. 256
3. 264 ✓
4. 260

Question ID : **264330150610**
Status : **Answered**
Chosen Option : **3**

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Q.13 If $x + 3y = 6$, what is the value of $x^3 + 27y^3 + 54xy$?

Ans
1. ✗ 264
2. ✗ 258
3. ✓ 216
4. ✗ 220

Question ID : **264330147814**
Status : **Answered**
Chosen Option : **3**

Q.14 Simplify the given expression. $\frac{(381+119)^2+(381-119)^2}{(381)^2+(119)^2}$

Ans
1. ✗ −1
2. ✗ −2
3. ✗ 1
4. ✓ 2

Question ID : **264330147951**
Status : **Not Answered**
Chosen Option : **--**

Q.15 Raju and Sohan started a car race from the same point, in the same direction and at the same circular track of length 1725 m with speeds of 72 km/h. and 90 km/h, respectively. After how much time (in seconds) will they meet again for the first time?

Ans
1. ✓ 345 seconds
2. ✗ 335 seconds
3. ✗ 340 seconds
4. ✗ 350 seconds

Question ID : **264330148203**
Status : **Not Answered**
Chosen Option : **--**

Q.16 What sum will become ₹9,826 in 18 months if the rate of interest is $2\frac{1}{2}\%$ per annum and the interest is compound half-yearly?

Ans
1. ✗ ₹9,392.00
2. ✗ ₹9,444.00
3. ✗ ₹9,512.45
4. ✓ ₹9,466.55

Question ID : **264330146453**
Status : **Not Answered**
Chosen Option : **--**

Free Mock Test For Practice: https://play.google.com/store/apps/details?id=com.prepxpert.app

Q.17 If the slant height and radius of a right circular cone are 28 cm and 21 cm, respectively, then the total surface area of the right circular cone (in cm^2) is:

Take $\pi = \frac{22}{7}$

Ans

✔ 1. 3234

✗ 2. 3342

✗ 3. 3243

✗ 4. 3324

Question ID : **264330148820**
Status : **Answered**
Chosen Option : **1**

Q.18 The sides of a triangle are of length 8 cm, 15 cm and 17 cm. Find the area of the triangle.

Ans

✗ 1. 65 cm^2

✗ 2. 75 cm^2

✔ 3. 60 cm^2

✗ 4. 70 cm^2

Question ID : **264330146459**
Status : **Answered**
Chosen Option : **3**

Q.19 The average weight of 45 students of a school is 55 kg. If the weight of the teacher be included, the average weight rises by 500 grams. Find the weight (in kg) of the teacher.

Ans

✔ 1. 78

✗ 2. 77

✗ 3. 79

✗ 4. 80

Question ID : **264330150819**
Status : **Answered**
Chosen Option : **1**

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Q.20 Study the table given below and answer the question that follows.

The table below shows the total number of students studying different subjects in a college and the percentage of boys and girls.

Subject	Number of Students	Percentage of Girls	Percentage of Boys
Hindi	110	60	40
English	70	50	50
Physics	50	30	70
Chemistry	40	80	20
Mathematics	80	20	80
Computers	90	40	60

What is the total number of students in all the subjects?

Ans

✗ 1. 240

✗ 2. 200

✗ 3. 420

✓ 4. 440

Question ID : **264330149428**
Status : **Answered**
Chosen Option : **4**

Q.21 Solve $(0.125 \times 0.01) \div (0.5 \times 0.005)$.

Ans

✗ 1. 0.6

✓ 2. 0.5

✗ 3. 0.8

✗ 4. 0.7

Question ID : **264330148224**
Status : **Answered**
Chosen Option : **2**

Q.22 Two equal circles of radius 6 cm intersect each other such that each pass through the centre of the other. The length (in cm) of the common chord is:

Ans

✗ 1. $5\sqrt{3}$

✓ 2. $6\sqrt{3}$

✗ 3. $4\sqrt{3}$

✗ 4. $3\sqrt{3}$

Question ID : **264330149345**
Status : **Answered**
Chosen Option : **2**

Free Mock Test For Practice: https://play.google.com/store/apps/details?id=com.prepxpert.app

Q.23 The perimeter of two similar triangles GST and FAX are 48 cm and 36 cm, respectively. If FA = 12 cm, then GS is:

Ans
1. ✗ 18 cm
2. ✓ 16 cm
3. ✗ 24 cm
4. ✗ 12 cm

Question ID : **264330150019**
Status : **Not Answered**
Chosen Option : **--**

Q.24 The cost of 4 rings and 2 bangles of gold is ₹40,000. What is the cost of 10 rings and 5 bangles?

Ans
1. ✓ ₹1,00,000
2. ✗ ₹80,000
3. ✗ ₹1,20,000
4. ✗ ₹90,000

Question ID : **264330147771**
Status : **Not Answered**
Chosen Option : **--**

Q.25 A shopkeeper has announced a 25% rebate on the prices of stationery items. If anyone needs to have a rebate of ₹40, then how many stationery items costing ₹32 should be purchased?

Ans
1. ✓ 5 items
2. ✗ 6 items
3. ✗ 4 items
4. ✗ 3 items

Question ID : **264330148420**
Status : **Not Answered**
Chosen Option : **--**

Section : **General Awareness**

Q.1 Which of these MFIs are NOT regulated by the RBI?

Ans
1. ✗ Small Finance Bank led MFIs
2. ✗ Bank led MFIs
3. ✗ NBFC MFIs
4. ✓ Non-profit MFIs

Question ID : **264330144673**
Status : **Answered**
Chosen Option : **1**

Free Mock Test For Practice: https://play.google.com/store/apps/details?id=com.prepxpert.app

Q.2 Pandit Birju Maharaj is associated with which form of dance?

Ans
- ✔ 1. Kathak
- ✘ 2. Chhau
- ✘ 3. Kuchipudi
- ✘ 4. Kathakali

Question ID : **264330144740**
Status : **Not Answered**
Chosen Option : **--**

Q.3 Which cell organelles are known as cell's post office?

Ans
- ✘ 1. Nucleus
- ✔ 2. Golgi apparatus
- ✘ 3. Ribosome
- ✘ 4. Plastid

Question ID : **264330145837**
Status : **Answered**
Chosen Option : **2**

Q.4 Which element of group 13 has the atomic number 113 and its electronic configuration is $[Rn]\ 5f^{14}6d^{10}7s^{2}7p^{1}$?

Ans
- ✘ 1. Gallium
- ✘ 2. Indium
- ✔ 3. Nihonium
- ✘ 4. Thallium

Question ID : **264330145597**
Status : **Not Answered**
Chosen Option : **--**

Q.5 54.6% of the total workforce is engaged in _____ and allied sector activites (Census of India 2011).

Ans
- ✘ 1. Hunting and gathering
- ✘ 2. Manufacturing
- ✔ 3. Agriculture
- ✘ 4. Mining

Question ID : **264330150294**
Status : **Answered**
Chosen Option : **3**

Free Mock Test For Practice: https://play.google.com/store/apps/details?id=com.prepxpert.app

Q.6 Smriti Mandhana became the most expensive player in the Women's Indian Premier League with the ₹3.4 crore bid by _____ in 2023.

Ans
1. Chennai Super Kings ✗
2. Royal Challengers Bangalore ✓
3. Mumbai Indians ✗
4. Rajasthan Royals ✗

Question ID : **264330146296**
Status : **Not Answered**
Chosen Option : **--**

Q.7 Which state won the Indian Olympic Association's 'Best State' award at the 36th National Games in 2022?

Ans
1. Uttar Pradesh ✗
2. Punjab ✗
3. Maharashtra ✓
4. Haryana ✗

Question ID : **264330145985**
Status : **Not Answered**
Chosen Option : **--**

Q.8 Structural composition of the economy refers to:

Ans
1. contribution of various sectors to the GDP ✓
2. male-female distribution of the population ✗
3. private and public sectors classification ✗
4. rural and urban distribution of the population ✗

Question ID : **264330144708**
Status : **Answered**
Chosen Option : **1**

Q.9 **The rulers of which of the following Rajput dynasties patronised Jainism and one of them is reported to have accepted Jainism under the influence of a Jain scholar Hemachandra?**

Ans
1. Pratihara ✗
2. Parmara ✗
3. Chalukya ✓
4. Chahman ✗

Question ID : **264330148554**
Status : **Not Answered**
Chosen Option : **--**

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Q.10 Padma Shri awardee of 2022, Nalini-Kamalini Asthana belongs to which of the following art genres?

Ans

✗ 1. Painting

✗ 2. Sculpture

✓ 3. Kathak dance

✗ 4. Architecture

Question ID : **264330148692**
Status : **Not Answered**
Chosen Option : **--**

Q.11 Since 2004, which of the following states in India is the permanent venue of International Film Festival of India?

Ans

✗ 1. Gujarat

✗ 2. New Delhi

✓ 3. Goa

✗ 4. Maharashtra

Question ID : **264330150375**
Status : **Answered**
Chosen Option : **3**

Q.12 Who was awarded the Nobel Peace Prize for founding the Grameen Bank and pioneering the concepts of microcredit and microfinance?

Ans

✗ 1. Muhammad Yusuf

✓ 2. Muhammad Yunus

✗ 3. Muhammad Wasim

✗ 4. Muhammad Asif

Question ID : **264330145700**
Status : **Not Answered**
Chosen Option : **--**

Q.13 Exports of mangoes by India is a part of _____ method of measurement of its national income.

Ans

✗ 1. circular income

✗ 2. value added

✓ 3. expenditure

✗ 4. income

Question ID : **264330145859**
Status : **Not Answered**
Chosen Option : **--**

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Q.14 According to Census of India 2011, which state in India has the highest proportion of its population living in the urban areas?

Ans

✗ 1. Kerala

✗ 2. Haryana

✓ 3. Goa

✗ 4. Tamil Nadu

Question ID : **264330150276**
Status : **Answered**
Chosen Option : **3**

Q.15 Which is the biggest tributary of the upper Brahmaputra that originates in the Tibetan Himalayas and winds its way into India through Arunachal Pradesh?

Ans

✓ 1. Subansiri

✗ 2. Yerla

✗ 3. Musi

✗ 4. Aner

Question ID : **264330145647**
Status : **Answered**
Chosen Option : **3**

Q.16 Which colour of light from VIBGYOR has minimum energy?

Ans

✗ 1. Green

✗ 2. Violet

✗ 3. Yellow

✓ 4. Red

Question ID : **264330145813**
Status : **Answered**
Chosen Option : **4**

Q.17 Tulip Festival is famous in which city?

Ans

✗ 1. Agra

✗ 2. Allahabad

✗ 3. Ludhiana

✓ 4. Srinagar

Question ID : **264330144768**
Status : **Answered**
Chosen Option : **4**

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Q.18 In August 2021, Ram Nath Kovind granted assent to which Constitution Amendment Act empowering states and UTs to identify and specify Socially and Educationally Backward Classes?

Ans

✔ 1. 105th

✘ 2. 104th

✘ 3. 103rd

✘ 4. 102nd

Question ID : **264330146256**
Status : **Answered**
Chosen Option : **2**

Q.19 In which of the following economic accounts are transfer payments included?

Ans

✔ 1. Government account

✘ 2. Household account

✘ 3. Appropriation account

✘ 4. Production account

Question ID : **264330151272**
Status : **Not Answered**
Chosen Option : **--**

Q.20 **The National Rural Employment Guarantee Act, now known as Mahatma Gandhi National Rural Employment Guarantee Act, was first enacted in the year_____.**

Ans

✘ 1. 2000

✔ 2. 2005

✘ 3. 2009

✘ 4. 2014

Question ID : **264330150369**
Status : **Answered**
Chosen Option : **3**

Q.21 The celebration of Christmas, Eid and Holi in school is an example of making children learn fundamental duties as well. Which of the following fundamental duties advocates about this type of ideals?

Ans

✘ 1. To defend the country and render national service

✘ 2. To develop the scientific temper

✘ 3. To safeguard public property and to abjure violence

✔ 4. To promote harmony and spirit of common brotherhood

Question ID : **264330150357**
Status : **Answered**
Chosen Option : **4**

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Q.22 Which of the following states is NOT a part of the Peninsular Plateau in India?

Ans
1. Maharashtra ✗
2. Madhya Pradesh ✗
3. Punjab ✓
4. Tamil Nadu ✗

Question ID : **264330150263**
Status : **Answered**
Chosen Option : **3**

Q.23 Poshan Abhiyaan is a programme to achieve nutritional status of children from 0 to 6 years.

Which of the following Articles of the Indian Constitution provides for raising the nutrition level?

Ans
1. Article 47 ✓
2. Article 44 ✗
3. Article 46 ✗
4. Article 45 ✗

Question ID : **264330150366**
Status : **Answered**
Chosen Option : **4**

Q.24 Who among the following is the first Indian female football player to play in Union of European Football Association (UEFA)'s women's champions league?

Ans
1. Shanti Mallick ✗
2. Bala Devi ✗
3. Manisha Kalyan ✓
4. Oinam Bembem Devi ✗

Question ID : **264330154825**
Status : **Not Answered**
Chosen Option : **--**

Q.25 Ustad Asad Ali Khan played which of the following instruments?

Ans
1. Rudra Veena ✓
2. Algoza ✗
3. Sitar ✗
4. Ravanahatha ✗

Question ID : **264330148679**
Status : **Not Answered**
Chosen Option : **--**