

Combined Higher Secondary Level Examination Tier I 2022

Roll Number	
Candidate Name	
Venue Name	
Exam Date	13/03/2023
Exam Time	11:45 AM - 12:45 PM
Subject	CHSL Exam 2022 Tier I

Section : **English Language**

Q.1 Choose the word that is opposite in meaning to the given word.
Restricted

- Ans** ☒ 1. Copious
☒ 2. Circumscribed
☒ 3. Capped
☒ 4. Finite

Question ID : **264330124537**
Status : **Answered**
Chosen Option : **1**

Q.2 Choose the option that is the correct indirect form of the sentence.
She said to her, "Please pay attention to the details."

- Ans** ☒ 1. She commanded her for paying attention to the details.
☒ 2. She requested her that to pay attention to the details.
☒ 3. She requests her that pay attention to the details.
☒ 4. She requested her to pay attention to the details.

Question ID : **264330125864**
Status : **Answered**
Chosen Option : **4**

Q.3 Select the word that is similar in meaning (SYNONYM) to the word given below
Efficacy

- Ans** ☒ 1. Impotence
☒ 2. Efficiency
☒ 3. Ineptness
☒ 4. Futility

Question ID : **264330125938**
Status : **Answered**
Chosen Option : **4**

Q.4 In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
All and sundry

- Ans** ☒ 1. Advantages and disadvantages
☒ 2. Everyone without distinction
☒ 3. Full moon
☒ 4. Holidays

Question ID : **264330124280**
Status : **Answered**
Chosen Option : **2**

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Q.5 Rearrange the parts of the sentence in correct order.
Corruption is
P. misuse and abuse of public office, either directly
Q. typified by dishonesty, exploitation or the
R. or indirectly, for personal gains or unjust enrichment
S. in negation of due process or established protocol

Ans ✓ 1. QPRS

✗ 2. PSRQ

✗ 3. RSPQ

✗ 4. PQSR

Question ID : 264330124533
Status : Answered
Chosen Option : 1

Q.6 Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Fashion might not be first thing that comes to mind when we think of isolation strategies.

Ans ✗ 1. we think of isolation strategies.

✗ 2. No error

✓ 3. Fashion might not be first

✗ 4. thing that comes to mind when

Question ID : 264330124266
Status : Answered
Chosen Option : 3

Q.7 Select the most appropriate 'one word' for the expression given below.
One who cures eye disease.

Ans ✓ 1. Ophthalmologist

✗ 2. Prologist

✗ 3. Phonologist

✗ 4. Biologist

Question ID : 264330125832
Status : Answered
Chosen Option : 1

Q.8 Choose the word that can substitute the given group of words.
A person who is never happy with what he has

Ans ✓ 1. Malcontent

✗ 2. Heresy

✗ 3. Malleable

✗ 4. Miser

Question ID : 264330124075
Status : Answered
Chosen Option : 2

Q.9 Choose the incorrectly spelt word.

Ans ✗ 1. MOCKERY

✗ 2. CROCKERY

✗ 3. RELIGIOUS

✓ 4. BENEDICTION

Question ID : 264330125881
Status : Answered
Chosen Option : 4

Q.10 Choose the correctly spelt word.

- Ans ☒ 1. MEALIGN
☒ 2. PRECISSION
☒ 3. SABOTAGE
☒ 4. MISSIONERY

Question ID : 264330125882
 Status : Answered
 Chosen Option : 3

Q.11 Select the most appropriate meaning of the given idiom.
 Green light

- Ans ☒ 1. To be lost and confused
☒ 2. To misunderstand
☒ 3. To permit something to proceed
☒ 4. To always compare

Question ID : 264330125879
 Status : Answered
 Chosen Option : 3

Q.12 Some parts of a few sentences have been jumbled up, and labelled A, B, C and D.
 Select the option that gives the correct sequence in which these parts can be
 rearranged to form a meaningful and grammatically correct sentence
 Our twelve years in the forest were
 A. Ram had lost, we would have to
 B. ending. Now, according to the wager
 C. discovered our whereabouts, we would have to endure another ten years in exile
 D. spend a year in hiding.
 If during this year Mohan

- Ans ☒ 1. BDCA
☒ 2. CDAB
☒ 3. BADC
☒ 4. ACBD

Question ID : 264330125874
 Status : Answered
 Chosen Option : 3

Q.13 Improve the underlined part of the sentence. Choose 'No improvement' as an answer if
 the sentence is grammatically correct.

A fully grow Chihuahua weighs less than the average house cat.

- Ans ☒ 1. fullest grown
☒ 2. fully growth
☒ 3. No improvement
☒ 4. fully grown

Question ID : 264330124405
 Status : Answered
 Chosen Option : 4

Q.14 Select the option that will improve the (bracketed) part of the sentence. In case of no improvement select the option 'No improvement'.
The play was (either as funny or as) disturbing as Shivang told it was.

- Ans ☒ 1. neither as funny nor as
☐ 2. No improvement
☐ 3. either as funny nor as
☐ 4. neither as funny or as

Question ID : 264330125875
Status : Answered
Chosen Option : 1

Q.15 Select the word that is closest in meaning (SYNONYM) to the word given below.
BLASPHEMOUS

- Ans ☐ 1. COSTLY
☒ 2. DISRESPECTFUL
☐ 3. REALITY
☐ 4. AUTHENTIC

Question ID : 264330125885
Status : Answered
Chosen Option : 2

Q.16 Select the correct passive form of the given sentence.
He writes a paper every weekend.

- Ans ☒ 1. A paper is written by him every weekend.
☐ 2. A paper is been written by him every weekend.
☐ 3. A paper was been written by him every weekend.
☐ 4. A paper was written by him every weekend.

Question ID : 264330124263
Status : Answered
Chosen Option : 1

Q.17 Fill in the blank with an appropriate option.
It is important to ensure that we all have good clean water to drink that is not _____ by heavy metals or chemicals.

- Ans ☐ 1. knotted
☐ 2. clarified
☐ 3. purged
☒ 4. contaminated

Question ID : 264330124314
Status : Answered
Chosen Option : 4

Q.18 Parts of the following sentence are given as options. Identify the part that contains a grammatical error. If there is no error, select 'No error'.
They know they will face / either a swift backlash / or deafening silence.

- Ans ☒ 1. No error
☐ 2. They know they will face
☐ 3. or deafening silence.
☐ 4. either a swift backlash

Question ID : 264330125865
Status : Answered
Chosen Option : 2

Q.19 Choose the word that means the same as the given word.
Jarred

- Ans** ☒ 1. Assented
☒ 2. Accorded
☒ 3. Macho
☒ 4. Altercated

Question ID : 264330124468
Status : Answered
Chosen Option : 4

Q.20 Select the most appropriate option to fill in the blank.
This has given rise to the view that the legal code is _____ against women and the poor.

- Ans** ☒ 1. baked
☒ 2. frank
☒ 3. biased
☒ 4. duplicitous

Question ID : 264330124755
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 number.
There were other stories (1) _____ Krishna. How (2) _____ been born in a dungeon where his uncle Kamsa had imprisoned his parents with the intention of killing him at birth. How, in spite of the many prison guards, he had been miraculously spirited (3) _____ to safety in Gokul. How, in infancy, he killed a (4) _____ who tried to poison him with her breast milk. How he lifted up Mount Govardhan to shelter his people from a (5) _____ that would have drowned them.

SubQuestion No : 21

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

- Ans** ☒ 1. about
☒ 2. upon
☒ 3. with respect
☒ 4. belonging to

Question ID : 264330125868
Status : Answered
Chosen Option : 1

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 number.

There were other stories (1) _____ Krishna. How (2) _____ been born in a dungeon where his uncle Kamsa had imprisoned his parents with the intention of killing him at birth. How, in spite of the many prison guards, he had been miraculously spirited (3) _____ to safety in Gokul. How, in infancy, he killed a (4) _____ who tried to poison him with her breast milk. How he lifted up Mount Govardhan to shelter his people from a (5) _____ that would have drowned them.

SubQuestion No : 22

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

- Ans ☒ 1. he have
☒ 2. he was
☒ 3. he has
☒ 4. he had

Question ID : 264330125869

Status : **Answered**

Chosen Option : 4

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 number.

There were other stories (1) _____ Krishna. How (2) _____ been born in a dungeon where his uncle Kamsa had imprisoned his parents with the intention of killing him at birth. How, in spite of the many prison guards, he had been miraculously spirited (3) _____ to safety in Gokul. How, in infancy, he killed a (4) _____ who tried to poison him with her breast milk. How he lifted up Mount Govardhan to shelter his people from a (5) _____ that would have drowned them.

SubQuestion No : 23

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

- Ans ☒ 1. around
☒ 2. away
☒ 3. together
☒ 4. gone

Question ID : 264330125870

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 number.

There were other stories (1) _____ Krishna. How (2) _____ been born in a dungeon where his uncle Kamsa had imprisoned his parents with the intention of killing him at birth. How, in spite of the many prison guards, he had been miraculously spirited (3) _____ to safety in Gokul. How, in infancy, he killed a (4) _____ who tried to poison him with her breast milk. How he lifted up Mount Govardhan to shelter his people from a (5) _____ that would have drowned them.

SubQuestion No : 24

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

- Ans ☒ 1. god
☒ 2. demon
☒ 3. satan
☒ 4. demoness

Question ID : 264330125871

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 number.

There were other stories (1) _____ Krishna. How (2) _____ been born in a dungeon where his uncle Kamsa had imprisoned his parents with the intention of killing him at birth. How, in spite of the many prison guards, he had been miraculously spirited (3) _____ to safety in Gokul. How, in infancy, he killed a (4) _____ who tried to poison him with her breast milk. How he lifted up Mount Govardhan to shelter his people from a (5) _____ that would have drowned them.

SubQuestion No : 25

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

- Ans
- ☐ 1. snowfall
 - ☐ 2. earthquake
 - ☐ 3. drought
 - ☒ 4. deluge

Question ID : 264330125872

Status : Answered

Chosen Option : 4

Section : General Intelligence

Q.1 Three of the following four letter clusters are alike in a certain way and one is different. Pick the cluster that is different from the rest.

- Ans
- ☐ 1. UTS
 - ☐ 2. ONM
 - ☒ 3. GHI
 - ☐ 4. WVU

Question ID : 264330127579

Status : Answered

Chosen Option : 3

Q.2 Three positions of a dice are given below. What can come on the adjacent faces of the face containing '4' on it?



- Ans
- ☐ 1. 7 and 5
 - ☐ 2. 3 and 7
 - ☐ 3. 7 and 6
 - ☒ 4. 6 and 5

Question ID : 264330127332

Status : Answered

Chosen Option : 4

Q.3 Select the option that is related to the fifth number in the same way as the first number is related to the second number and the third number is related to the fourth number.
33 : 121 :: 27 : 81 :: 45 : ?

- Ans
- ☐ 1. 256
 - ☐ 2. 305
 - ☐ 3. 275
 - ☒ 4. 225

Question ID : 264330127191

Status : Answered

Chosen Option : 4

Q.4 Words given on the left side of(::)are related with each other by some Logic/Rule /Relation. Select the missing word/word pair on the right side of(::)from the given alternatives based on the same Logic/Rule/Relation.
Tadpole : Frog :: Caterpillar : ?

- Ans ☒ 1. Dog
☒ 2. Hen
☒ 3. Butterfly
☒ 4. Sheep

Question ID : 264330126825
Status : Answered
Chosen Option : 3

Q.5 In the question two statements are given, followed by two conclusions, I and II. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.

Statements:
I.No mobile is an electronic item.
II.All electronic items are costly.

Conclusions:
I. No costly is a mobile.
II. Some costly are mobile.

- Ans ☒ 1. Only conclusion II follows.
☒ 2. Both conclusion I and II follow.
☒ 3. Either conclusion I or II follow.
☒ 4. Only conclusion I follows.

Question ID : 264330127581
Status : Answered
Chosen Option : 3

Q.6 In the following question, select the related letters from the given alternatives.
ATXJ : BVAN :: YMOU : ?

- Ans ☒ 1. ZORY
☒ 2. HUVL
☒ 3. UVXZ
☒ 4. ASND

Question ID : 264330127349
Status : Answered
Chosen Option : 1

Q.7 Select the option in which the numbers shares the same relationship in set as that shared by the numbers in the given set. (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)
(8, 5, 39)
(14, 11, 75)

- Ans ☒ 1. (12, 6, 70)
☒ 2. (9, 5, 54)
☒ 3. (11, 7, 74)
☒ 4. (7, 4, 33)

Question ID : 264330127568
Status : Answered
Chosen Option : 4

Q.8 If a mirror is placed on the line AB, then out of the option figures which figure will be the right image of the question figure?

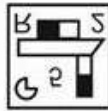


Ans

✗ 1.



✓ 2.



✗ 3.



✗ 4.



Question ID : 264330127162

Status : Answered

Chosen Option : 2

Q.9 Aman is the brother of Baman and Chaman. Baman is Emily's mother. Farhan is Aman's father then which of the following is definitely true?

Ans ✓ 1. Baman is sister of Chaman.

✗ 2. Aman and Emily are siblings.

✗ 3. Chaman is brother of Aman.

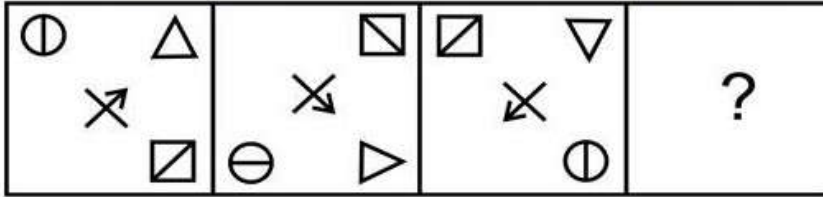
✗ 4. Chaman is male.

Question ID : 264330127577

Status : Answered

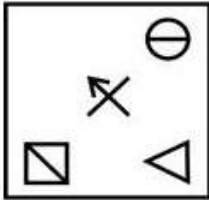
Chosen Option : 1

Q.10 Select the figure that will come next in the following figure series.

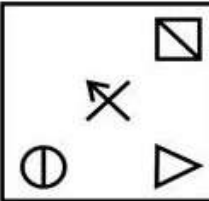


Ans

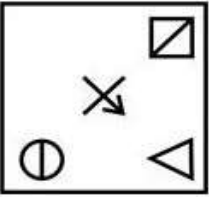
✓ 1.



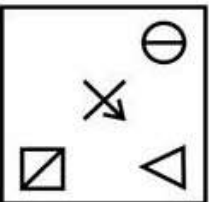
✗ 2.



✗ 3.



✗ 4.



Question ID : 264330127583

Status : Answered

Chosen Option : 1

Q.11 In a certain code language, 'ISLAND' is written as 'HTKBME' and 'TABLET' is written as 'SBAMDU'. How will 'BANGLE' be written in that language?

Ans ✗ 1. ABOHKF

✗ 2. ABMHKD

✓ 3. ABMHKF

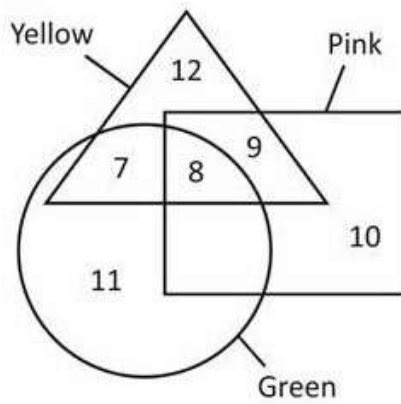
✗ 4. ABMHMF

Question ID : 264330127572

Status : Answered

Chosen Option : 3

Q.12 How many pink are neither green nor yellow?



- Ans ☒ 1. 10
☒ 2. 17
☒ 3. 9
☒ 4. 8

Question ID : 264330127213
 Status : Answered
 Chosen Option : 1

Q.13 Which one set of letters when sequentially placed in the gaps in the given letter series shall complete it?
 W X _ W W _ _ Y _ W _ W X X _ Y _ Y

- Ans ☒ 1. WXXYXWW
☒ 2. YXXYWX
☒ 3. YXXYWX
☒ 4. WYXYWXY

Question ID : 264330127576
 Status : Answered
 Chosen Option : 3

Q.14 Three of the four group of words are alike in some manner. Select the odd group of words.

- Ans ☒ 1. (Car, Truck, Road)
☒ 2. (Chair, Table, Stool)
☒ 3. (Choreographer, Editor, Carpenter)
☒ 4. (Shirt, Trouser, Saree)

Question ID : 264330126955
 Status : Answered
 Chosen Option : 1

Q.15 After arranging the given words according to dictionary order, which word will come at 'Fifth' position?
 1. Wrap
 2. Wrath
 3. Wrasse
 4. Wrangler
 5. Wrack

Ans ☒ 1. Wrangler
☒ 2. Wrack
☒ 3. Wrath
☒ 4. Wrasse

Question ID : 264330126946
 Status : Answered
 Chosen Option : 3

Q.16 Select the word pair in which the words are related in the same way as the words are related in the following pair:
 Farmer : Plough

Ans ☒ 1. Soldier : Pen
☒ 2. Surgeon : Scalpel
☒ 3. Author : Spade
☒ 4. Tailor : Harrow

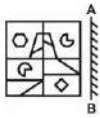
Question ID : 264330127628
 Status : Answered
 Chosen Option : 2

Q.17 After interchanging the given two signs what will be the values of expression (I) and (II) respectively ?
 + and -
 I. $45 + 15 \times 30 \div 10 - 25$
 II. $6 \times 9 + 5 - 8 \div 4$

Ans ☒ 1. 25 and 51
☒ 2. 27 and 53
☒ 3. 53 and 27
☒ 4. 51 and 25

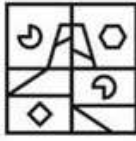
Question ID : 264330126965
 Status : Answered
 Chosen Option : 1

Q.18 If a mirror is placed on the line AB, then out of the option figures which figure will be the right image of the question figure?

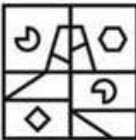


Ans

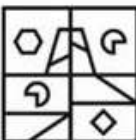
✓ 1.



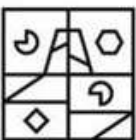
✗ 2.



✗ 3.



✗ 4.



Question ID : 264330126912

Status : Answered

Chosen Option : 1

Q.19 If $739 \text{ R } 635 = 52$ and $814 \text{ R } 122 = 346$, then $532 \text{ R } 220 = ?$

Ans ✓ 1. 156

✗ 2. 160

✗ 3. 134

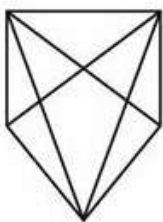
✗ 4. 148

Question ID : 264330127339

Status : Answered

Chosen Option : 1

Q.20 How many triangles are there in the given figure?



Ans ✗ 1. 21

✗ 2. 22

✗ 3. 19

✓ 4. 20

Question ID : 264330127209

Status : Answered

Chosen Option : 4

Q.21 Select the option in which the numbers shares the same relationship in set as that shared by the numbers in the given set.
(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)
(12, 144, 1728)
(6, 36, 216)

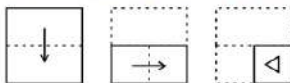
- Ans
- ☒ 1. (11, 121, 1000)
 - ☒ 2. (14, 196, 2197)
 - ☒ 3. (10, 100, 1000)
 - ☒ 4. (8, 64, 729)

Question ID : 264330126817

Status : Answered

Chosen Option : 3

Q.22 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 264330127511

Status : Answered

Chosen Option : 2

Q.23 In the following question, select the missing number from the given series.
3, 4, 7, 11, 18, 29, ?

- Ans
- ☒ 1. 48
 - ☒ 2. 45
 - ☒ 3. 47
 - ☒ 4. 46

Question ID : 264330127344

Status : Answered

Chosen Option : 3

Q.24 In a certain code language, 'BED' is written as '122' and 'CAB' is written as '37'. How will 'ADD' be written in that code language?

- Ans**
- ☐ 1. 65
 - ☐ 2. 50
 - ☐ 3. 101
 - ☒ 4. 82

Question ID : 264330127573

Status : Answered

Chosen Option : 3

Q.25 In the following question, four number pairs are given. In each pair the number on left side of (–) is related to the number of the right side of (–) with some Logic/Rule /Relation. Three pairs are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives. (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)

- Ans**
- ☒ 1. 3241 – 5732
 - ☐ 2. 2354 – 4835
 - ☐ 3. 1326 – 3807
 - ☐ 4. 2345 – 4826

Question ID : 264330127620

Status : Answered

Chosen Option : 1

Section : Quantitative Aptitude

Q.1 If the radius of the circle is 42 cm and the angle formed at the centre by an arc is 150° . What is the length of the corresponding arc ?

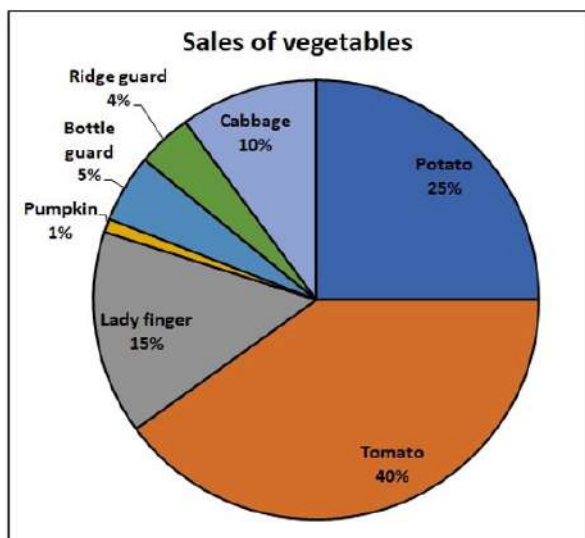
- Ans**
- ☐ 1. 66 cm
 - ☐ 2. 77 cm
 - ☒ 3. 110 cm
 - ☐ 4. 55 cm

Question ID : 264330128523

Status : Answered

Chosen Option : 3

- Q.2** The following pie-chart shows the sale of different vegetables in a day of a shop.
If total 1000 kg of vegetables were sold in a day, then what is the amount of tomatoes sold (in kg) ?



- Ans** ✓ 1. 400
✗ 2. 250
✗ 3. 100
✗ 4. 150

Question ID : 264330128460
Status : Answered
Chosen Option : 1

- Q.3** What is the sum of all three digit numbers which are divisible by 15?

- Ans** ✗ 1. 41200
✗ 2. 36825
✓ 3. 32850
✗ 4. 28750

Question ID : 264330127980
Status : Answered
Chosen Option : 3

- Q.4** Diameter of a circle is 20 cm. Length of a chord AB is 10 cm. What will be the angle made by this chord at the center of this circle?

- Ans** ✗ 1. 75 degree
✗ 2. 45 degree
✓ 3. 60 degree
✗ 4. 90 degree

Question ID : 264330128023
Status : Answered
Chosen Option : 3

Q.5 X, Y and Z are three equilateral triangles. The sum of the areas of X and Y is equal to the area of Z. If the side lengths of X and Y are 6cm and 8cm respectively, then what is the side length of Z ?

- Ans** ☒ 1. 10 cm
☒ 2. 10.5 cm
☒ 3. 9.5 cm
☒ 4. 9 cm

Question ID : 264330128576
 Status : Answered
 Chosen Option : 1

Q.6 Jitin's age 3 years from now will be double the average of Jitin's current age and his age 8 years ago. What was Jitin's age 5 years ago ?

- Ans** ☒ 1. 7 years
☒ 2. 8 years
☒ 3. 11 years
☒ 4. 6 years

Question ID : 264330128567
 Status : Answered
 Chosen Option : 4

Q.7 Rs. 6000 is lent at the rate of 20 percent per annum on compound interest (compounded half yearly). What will be the compound interest of 18 months?

- Ans** ☒ 1. Rs. 1825
☒ 2. Rs. 1986
☒ 3. Rs. 1876
☒ 4. Rs. 2036

Question ID : 264330127947
 Status : Answered
 Chosen Option : 2

Q.8 What is the value of $3 \tan 20^\circ \cdot \tan 45^\circ \cdot \tan 70^\circ$?

- Ans** ☒ 1. 2
☒ 2. 3
☒ 3. 1.5
☒ 4. 4

Question ID : 264330128334
 Status : Answered
 Chosen Option : 2

Q.9 If $A + B = -5$ and $AB = 6$, then find the value of $A^3 + B^3$.

- Ans** ☒ 1. 35
☒ 2. 45
☒ 3. -35
☒ 4. 215

Question ID : 264330128577
 Status : Answered
 Chosen Option : 3

Q.10 The value of 25% of $720 + 57 \div 19 \times \frac{1}{3}$ of $\frac{100}{11}$ of $\frac{33}{25} - 15\%$ of 300 is:

- Ans**
- ☒ 1. 191
 - ☒ 2. 157
 - ☒ 3. 127
 - ☒ 4. 147

Question ID : 264330128581
Status : Answered
Chosen Option : 4

Q.11 The sum of the length, breadth, and height of a cuboid box is 20 cm and the total surface area of cuboid is 256 sq. cm. What is the maximum length (in approximate) of a stick that can be placed inside the cuboid box ?

- Ans**
- ☒ 1. 16 cm
 - ☒ 2. 24 cm
 - ☒ 3. 32 cm
 - ☒ 4. 12 cm

Question ID : 264330128566
Status : Answered
Chosen Option : 4

Q.12 If $\sin 2\theta = \sqrt{3}/2$, then what is the value of $\tan \theta$?

- Ans**
- ☒ 1. $1/2$
 - ☒ 2. 1
 - ☒ 3. $1/\sqrt{3}$
 - ☒ 4. $\sqrt{3}$

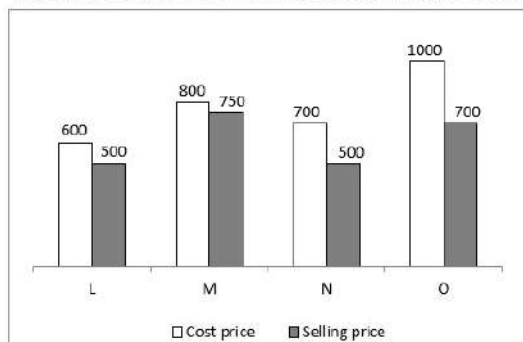
Question ID : 264330128032
Status : Answered
Chosen Option : 3

Q.13 The ratio of the speed of the boat in still water to the speed of the stream is $8 : 3$ and the boat can travel 22 km downstream in 24 minutes. Then, how much time will the boat take to cover 50 km upstream ?

- Ans**
- ☒ 1. 4 hrs
 - ☒ 2. 2.5 hrs
 - ☒ 3. 3 hrs
 - ☒ 4. 2 hrs

Question ID : 264330128565
Status : Answered
Chosen Option : 4

Q.14 The bar graph given below shows the cost price and selling price of four articles L, M, N and O.



Loss = Cost price – Selling price

Which of the following sequence is correct for loss?

- Ans** ✓ 1. $O > N > L > M$
 ✗ 2. $N > O > L > M$
 ✗ 3. $O > N > M > L$
 ✗ 4. $O > L > N > M$

Question ID : 264330127835

Status : Answered

Chosen Option : 1

Q.15 P can fill a tank in 5 hours. Q can fill the same tank in 10 hours. R can empty the same tank in 20 hours. How much time will all the three take together to fill the same tank?

- Ans** ✗ 1. 10 hours
 ✓ 2. 4 hours
 ✗ 3. 6 hours
 ✗ 4. 5 hours

Question ID : 264330127939

Status : Answered

Chosen Option : 2

Q.16 If $x^2 + \frac{1}{x^2} = 7$, then what is the value of $x^3 + \frac{1}{x^3}$?

- Ans** ✗ 1. 9
 ✓ 2. 18
 ✗ 3. 27
 ✗ 4. 36

Question ID : 264330128204

Status : Answered

Chosen Option : 2

Q.17 There are three numbers P, Q and R. 30 percent of P is equal to the 15 percent of Q. 20 percent of Q is equal to the 10 percent of R. By what percent is R more than P?

- Ans** ✗ 1. 150%
 ✓ 2. 300%
 ✗ 3. 200%
 ✗ 4. 250%

Question ID : 264330128569

Status : Answered

Chosen Option : 2

Q.18 A milk merchant buys 30 litres of milk at the rate of Rs. 50 per litre and mixes 20 litres of water in it (water is free of cost). If he sells this mixture at the rate of Rs. 48 per litre, then what is the profit percentage?

- Ans**
- ☒ 1. 50 percent
 - ☒ 2. 60 percent
 - ☒ 3. 40 percent
 - ☒ 4. 66.66 percent

Question ID : 264330128195
Status : Answered
Chosen Option : 2

Q.19 An incircle with center O is drawn inside an equilateral triangle ABC and the length of the side is 12 cm. Find the area (in sq.cm) of the triangle which is not in the incircle.

- Ans**
- ☒ 1. 24.64
 - ☒ 2. 21.48
 - ☒ 3. 37.71
 - ☒ 4. 30.64

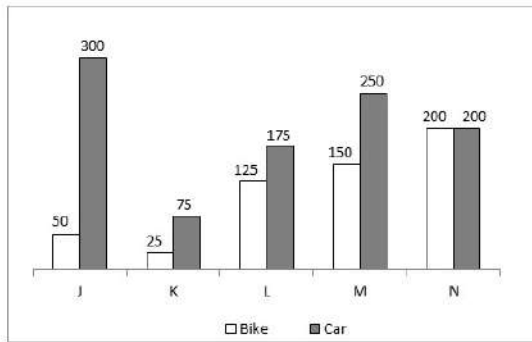
Question ID : 264330128574
Status : Answered
Chosen Option : 3

Q.20 A discount of 20 percent on article A is equal to the discount of 15 percent on the article B. What is the ratio of the marked price of articles A and B?

- Ans**
- ☒ 1. 6 : 11
 - ☒ 2. 3 : 4
 - ☒ 3. 7 : 8
 - ☒ 4. 6 : 7

Question ID : 264330128193
Status : Answered
Chosen Option : 2

Q.21 The bar graph given below shows the sales of bikes and cars of five companies J, K, L, M and N.



P_1 = The total sales of bikes of all the 5 companies.

P_2 = The total sales of cars of the all 5 companies.

What is the value of $(P_2 - P_1)$?

- Ans**
- ☒ 1. 550
 - ☒ 2. 350
 - ☒ 3. 450
 - ☒ 4. 400

Question ID : 264330128212

Status : Answered

Chosen Option : 1

Q.22 If $m = \sec \theta - \tan \theta$ and $n = \operatorname{cosec} \theta + \cot \theta$, then what is the value of $m + n(m - 1)$?

- Ans**
- ☒ 1. 2
 - ☒ 2. 1
 - ☒ 3. 0
 - ☒ 4. -1

Question ID : 264330128583

Status : Answered

Chosen Option : 4

Q.23 The ratio of income of Jitendra, and Narendra is 4 : 7 and the ratio of their expenditure is 6 : 5 respectively. If Jitendra saves Rs.400 out of Rs.2,800 income, then find the savings of Narendra.

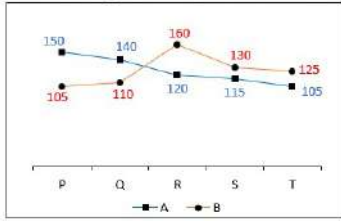
- Ans**
- ☒ 1. Rs.2,900
 - ☒ 2. Rs.2,000
 - ☒ 3. Rs.4,900
 - ☒ 4. Rs.3,900

Question ID : 264330128571

Status : Answered

Chosen Option : 1

Q.24 The line chart given below shows the number of pencil sold by two shopkeepers A and B in 5 months.



Which of the following statement is correct?

- I. The number of pencil sold by A in P and Q together is 31.72 percent more than the number of pencil sold by B in S and T together.
- II. The number of pencil sold by B in Q and R together is 105.88 percent of the number of pencil sold by A in P and T together.

- Ans**
- ☒ 1. Neither I nor II
- ☒ 2. Only I
- ☒ 3. Only II
- ☒ 4. Both I and II

Question ID : 264330127963

Status : Answered

Chosen Option : 4

Q.25 What is the value of $\frac{4x^2 + 9y^2 + 12xy}{144}$?

- Ans**
- ☒ 1. $\left(\frac{x}{3} + \frac{y}{4}\right)^2$
- ☒ 2. $\left(\frac{x}{3} + y\right)^2$
- ☒ 3. $\left(\frac{x}{4} + \frac{y}{6}\right)^2$
- ☒ 4. $\left(\frac{x}{6} + \frac{y}{4}\right)^2$

Question ID : 264330128353

Status : Answered

Chosen Option : 1

Section : General awareness

Q.1 Which continent provides more than half of world's tin?

- Ans**
- ☒ 1. Europe
- ☒ 2. Asia
- ☒ 3. North Africa
- ☒ 4. Africa

Question ID : 264330125045

Status : Answered

Chosen Option : 4

Q.2 Breakdown of pyruvate into lactic acid and energy in lack of oxygen takes place in which of the following?

- Ans** ☒ 1. Bacteria
☒ 2. Human muscle cells
☒ 3. Yeast
☒ 4. Mitochondria

Question ID : 264330125043
 Status : Not Answered
 Chosen Option : --

Q.3 Hari Prasad Chaurasia is associated with which of the following instruments?

- Ans** ☒ 1. Tabla
☒ 2. Bansuri
☒ 3. Veena
☒ 4. Drum

Question ID : 264330125211
 Status : Answered
 Chosen Option : 2

Q.4 International Women's Day is celebrated on?

- Ans** ☒ 1. 12th July
☒ 2. 12th march
☒ 3. 8th July
☒ 4. 8th march

Question ID : 264330125039
 Status : Answered
 Chosen Option : 4

Q.5 Who among the following was a famous ruler of the Maratha dynasty?

- Ans** ☒ 1. Prithviraj Chauhan
☒ 2. Man Singh
☒ 3. Chhatrapati Shivaji Maharaj
☒ 4. Porus

Question ID : 264330125674
 Status : Answered
 Chosen Option : 3

Q.6 The book titled 'The Ministry of Utmost Happiness' has been written by _____.

- Ans** ☒ 1. Jia Pingwa
☒ 2. Arundhati Roy
☒ 3. Sunita Narain
☒ 4. Dan Brown

Question ID : 264330125052
 Status : Answered
 Chosen Option : 2

Q.7 In September 2022 at Bengaluru Space Expo (BSX) in Bengaluru, ISRO and space agency of _____ facilitated signage of half a dozen MoUs between the startups of the two countries focusing on the space tech.

- Ans** ☒ 1. Australia
☒ 2. France
☒ 3. USA
☒ 4. Israel

Question ID : 264330125037
 Status : Answered
 Chosen Option : 4

Q.8 In 1757, _____ led the Company's army against Sirajuddaulah at Plassey.

- Ans** ☒ 1. Lord Cornwallis
☒ 2. Lord Minto
☒ 3. Warren Hastings
☒ 4. Robert Clive

Question ID : 264330125300
 Status : Answered
 Chosen Option : 2

Q.9 Which among the following festivals is celebrated as the Telugu New Year?

- Ans** ☒ 1. Monpa
☒ 2. Ugadi
☒ 3. Vishu
☒ 4. Dasara

Question ID : 264330125535
 Status : Answered
 Chosen Option : 3

Q.10 According to WHO, If a person's BMI is below 18.5 he/she is classified as _____.

- Ans** ☒ 1. Mentally unfit
☒ 2. Underweight
☒ 3. Blind
☒ 4. Healthy

Question ID : 264330125667
 Status : Answered
 Chosen Option : 2

Q.11 Which of the following pressure belt is known as the horse latitude?

- Ans** ☒ 1. Sub - Polar Low Pressure
☒ 2. Equatorial Low Pressure
☒ 3. Sub - Tropical High Pressure
☒ 4. High Pressure

Question ID : 264330125048
 Status : Not Answered
 Chosen Option : --

Q.12 Who is the first Indian President to be born in Independent India?

- Ans ☒ 1. Pratibha Patil
☒ 2. Droupadi Murmu
☒ 3. Ram Nath Kovind
☒ 4. Pranab Mukherjee

Question ID : 264330125038
 Status : Answered
 Chosen Option : 2

Q.13 Wages/day under Mahatma Gandhi NREGA is _____, w.e.f. 1st April, 2020, as per Economic Survey 2020-21.

- Ans ☒ 1. Rs 182
☒ 2. Rs 412
☒ 3. Rs 202
☒ 4. Rs 152

Question ID : 264330125665
 Status : Answered
 Chosen Option : 3

Q.14 Sheetal wants to create financial statements for her business. Which among the following software should she use for the same?

- Ans ☒ 1. Multimedia software
☒ 2. Presentation software
☒ 3. System software
☒ 4. Spread sheet software

Question ID : 264330125659
 Status : Answered
 Chosen Option : 4

Q.15 As on November 2022, who is the first citizen of India?

- Ans ☒ 1. Amit Shah
☒ 2. Droupadi Murmu
☒ 3. Narendra Modi
☒ 4. Sonia Gandhi

Question ID : 264330125679
 Status : Answered
 Chosen Option : 2

Q.16 Which among the following corridors was inaugurated by Prime Minister Narendra Modi in October 2022?

- Ans ☒ 1. Mahakal Lok Corridor
☒ 2. Chennai Bengaluru Industrial Corridor
☒ 3. Kashi Corridor
☒ 4. North East Economic Corridor

Question ID : 264330125412
 Status : Not Answered
 Chosen Option : --

Q.17 Which of the following pairs of "term – sports" is correct?

- I. Eagle – Hockey
II. Penalty kick - Volleyball

Ans ☒ 1. Only I

☒ 2. Neither I nor II

☒ 3. Both I and II

☒ 4. Only II

Question ID : 264330125057

Status : Answered

Chosen Option : 2

Q.18 Which of the following combinations of tenors of Treasury bills issued by Government of India is correct?

Ans ☒ 1. 82 days, 182 days, 345 days

☒ 2. 91 days, 182 days, 364 days

☒ 3. 61 days, 145 days, 360 days

☒ 4. 91 days, 152 days, 356 days

Question ID : 264330125041

Status : Answered

Chosen Option : 2

Q.19 Fourth edition of Khelo India Youth Games was hosted by which state of India?

Ans ☒ 1. Madhya Pradesh

☒ 2. Karnataka

☒ 3. Haryana

☒ 4. Assam

Question ID : 264330124930

Status : Answered

Chosen Option : 1

Q.20 _____ is the highest peak in the Eastern Ghats.

Ans ☒ 1. Kanchenjunga

☒ 2. Khasi

☒ 3. Anai Mudi

☒ 4. Mahendragiri

Question ID : 264330125420

Status : Answered

Chosen Option : 4

Q.21 Which of the following is mentioned in state list of the seventh schedule of the Indian constitution?

Ans ☒ 1. Betting and gambling

☒ 2. Railways

☒ 3. Post office saving Bank

☒ 4. Inter-state trade and commerce

Question ID : 264330125303

Status : Answered

Chosen Option : 4

Q.22 Each orbit of International Space Station (ISS) takes _____ minutes.

- Ans ☒ 1. 85 – 87
☒ 2. 83 – 86
☒ 3. 90 – 93
☒ 4. 80 – 82

Question ID : 264330125669
 Status : Not Answered
 Chosen Option : --

Q.23 When the grains of sand are very fine and light, the wind can carry it over very long distances. When such sand is deposited in large areas, it is called _____.

- Ans ☒ 1. stacks
☒ 2. loess
☒ 3. moraines
☒ 4. mushroom

Question ID : 264330125297
 Status : Answered
 Chosen Option : 1

Q.24 What is the full form of FTP?

- Ans ☒ 1. File text paging
☒ 2. File transfer paging
☒ 3. File text protocol
☒ 4. File transfer protocol

Question ID : 264330125283
 Status : Answered
 Chosen Option : 4

Q.25 India's National Air Sports Policy was released in the year _____.

- Ans ☒ 1. 2000
☒ 2. 2012
☒ 3. 2016
☒ 4. 2022

Question ID : 264330125731
 Status : Not Answered
 Chosen Option : --