

Combined Higher Secondary Level Examination 2023 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	02/08/2023
Exam Time	11:45 AM - 12:45 PM
Subject	CHSL Exam 2023 Tier I

Section : **English Language****Q.1** Select the correctly spelt word.

- Ans** ✓ 1. Business
✗ 2. Buisnesc
✗ 3. Buisness
✗ 4. Busines

Question ID : 264330143954
Status : Answered
Chosen Option : 1

Q.2 Select the most appropriate synonym of the word 'Keen' from the given sentence.

I am eager and happy to visit the beautiful city of Darjeeling next month with my family.

- Ans** ✗ 1. beautiful
✗ 2. visit
✓ 3. eager
✗ 4. happy

Question ID : 264330144311
Status : Answered
Chosen Option : 3

Q.3 Select the most appropriate ANTONYM for 'scarcity' in the given sentence.

In spite of having ice glaciers across the globe, people don't have excess of fresh drinking water.

- Ans** ✓ 1. Excess
✗ 2. Water
✗ 3. Glaciers
✗ 4. Fresh

Question ID : 264330144114
Status : Answered
Chosen Option : 1

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Q.4 Select the option that expresses the given sentence in passive voice.
A sudden noise frightened the horse.

- Ans
- 1. The horse has been frightened by a sudden noise.
 - 2. The horse was frightened by a sudden noise.
 - 3. The horse had frightened by a sudden noise.
 - 4. The horse got frightened by a sudden noise.

Question ID : 264330143043
Status : Answered
Chosen Option : 2

Q.5 Select the most appropriate option that can substitute the underlined segment in the given sentence.

In today's world, technology must be used for feed the changing forces in society.

- Ans
- 1. must had been used to feed
 - 2. must have been used to feed
 - 3. must used to feed
 - 4. must be used to feed

Question ID : 264330144095
Status : Answered
Chosen Option : 4

Q.6 Select the option with the correct spellings to replace the underlined words in the given sentence.

The enchanteng scenary of the beautiful lake was mesmerising.

- Ans
- 1. enchanting; scenery
 - 2. encanting; scenery
 - 3. enchenting; seenary
 - 4. enchantine; senery

Question ID : 264330143241
Status : Answered
Chosen Option : 1

Q.7 Select the option that expresses the given sentence in active voice.

The matches are being shown live on Sports TV.

- Ans
- 1. Sports TV is showing the matches live.
 - 2. Sports TV may be showing the matches live.
 - 3. Sports TV will be showing the matches live.
 - 4. Sports TV can be showing the matches live.

Question ID : 264330141352
Status : Answered
Chosen Option : 1

Q.8 Parts of a sentence are given below in jumbled order. Arrange the parts in the correct order to form a meaningful sentence.

- A. we need to understand where we are and,
- B. that will require significant investment
- C. where we are headed, and
- D. in our data and information infrastructure
- E. to stay ahead of these crises

Ans 1. EACBD

2. CEDAB

3. BACDE

4. BAEDC

Question ID : 264330149498

Status : Answered

Chosen Option : 1

Q.9 Select the most appropriate homophones to fill in the blanks.

Kindly accept my _____ on your new haircut. It _____ your personality.

Ans 1. compliment; complaints

2. compliment; complements

3. compliment; compliments

4. complement; complements

Question ID : 264330149882

Status : Answered

Chosen Option : 3

Q.10 Parts of a sentence are given below in jumbled order. Select the option that arranges the parts in the correct order to form a meaningful sentence.

- A. embarrassment and difficulty for them and himself
- B. the great gods Odin and Thor, helping them with
- C. his clever plans but sometimes causing
- D. Loki was represented as the companion of

Ans 1. D, B, C, A

2. C, D, A, B

3. B, D, C, A

4. A, B, D, C

Question ID : 264330149585

Status : Answered

Chosen Option : 1

Q.11 Select the most appropriate ANTONYM of the word in brackets to fill in the blank.

Since she had never travelled abroad, she was both _____ (CALM) and nervous for her upcoming trip.

Ans 1. Hyped

2. Apathetic

3. Excited

4. Hopeful

Question ID : 264330149825

Status : Answered

Chosen Option : 3

Q.12 Select the most appropriate synonym for the underlined word in the given sentence.
The guest was heckled by the spectators.

- Ans
- 1. Calmed
 - 2. Aided
 - 3. Taunted
 - 4. Helped

Question ID : 264330143128
Status : Not Answered
Chosen Option : --

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

The vehicle which carries dead bodies

- Ans
- 1. Coffin
 - 2. Hearse
 - 3. Ambulance
 - 4. Corpse

Question ID : 264330144107
Status : Answered
Chosen Option : 1

Q.14 Select the most appropriate option that can substitute the underlined words in the given sentence.

The principal posted all the staff rules in black and white.

- Ans
- 1. on chart
 - 2. on board
 - 3. in writing
 - 4. in coloured print

Question ID : 264330142659
Status : Answered
Chosen Option : 3

Q.15 Select the most appropriate ANTONYM of the given word.
Support

- Ans
- 1. Oppose
 - 2. Stay
 - 3. Bear
 - 4. Stand

Question ID : 264330141296
Status : Answered
Chosen Option : 1

Q.16 Select the most appropriate meaning of the underlined idiom.

The new electric car costs an arm and a leg.

- Ans
- 1. Needs physical strength to drive
 - 2. Is very expensive
 - 3. Is very cheap
 - 4. Has no gears

Question ID : 264330144381
Status : Answered
Chosen Option : 2

Q.17 Select the most appropriate option that can substitute the underlined segment in the given sentence.

She can draw very well and just as creative.

- Ans
- 1. as creativer
 - 2. as creatively
 - 3. creative than
 - 4. creative

Question ID : 264330144815
Status : Not Answered
Chosen Option : --

Q.18 Select the most appropriate idiom for the following statement.

It's better to get less than what you want than get nothing.

- Ans
- 1. Half a loaf is better than none.
 - 2. Waste not, want not.
 - 3. Where there is smoke, there is fire.
 - 4. A storm in a teacup

Question ID : 264330149544
Status : Answered
Chosen Option : 1

Q.19 Select the option that expresses the following sentence in superlative degree of comparison. It looks like our bad fears are coming true.

- Ans
- 1. No change required
 - 2. The worse fears are coming back it seems so.
 - 3. It looks like our worst fears are coming true.
 - 4. The fears with bad thoughts come back.

Question ID : 264330149504
Status : Answered
Chosen Option : 3

Q.20 Parts of a sentence are given below in jumbled order. Select the option that arranges the parts in the correct order to form a meaningful sentence.

- A. Written in unadorned Sanskrit prose
- B. One of the world's earliest books
- C. Devoted to statecraft,
- D. The Arthashastra is

- Ans
- 1. D, B, C, A
 - 2. C, D, A, B
 - 3. B, C, A, D
 - 4. D, A, B, C

Question ID : 264330142612

Status : Answered

Chosen Option : 1

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

A couple of minutes later, a woman comes running towards the desk. As soon as she sees the little girl, she shouts and (1)_____ up to her. She lifts the girl into her arms and holds her very tight. Then she separates herself from her daughter and looks at her (2)_____ while she says, "I am here, Andrea. Everything is okay. I love you, honey." Then she turns and (3)_____ the man. "Thank you so much, sir," she says. "We got separated in the crowd earlier. My daughter is deaf, so I could not make an (4)_____ over the speakers for her. I was looking for her everywhere. I was so worried!". Now the man understands why the little girl did not look at him until he (5)_____ her shoulder.

SubQuestion No : 21

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

- Ans
- 1. chase
 - 2. runs
 - 3. stares
 - 4. blinks

Question ID : 264330143900

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.

A couple of minutes later, a woman comes running towards the desk. As soon as she sees the little girl, she shouts and (1)_____ up to her. She lifts the girl into her arms and holds her very tight. Then she separates herself from her daughter and looks at her (2)_____ while she says, "I am here, Andrea. Everything is okay. I love you, honey." Then she turns and (3)_____ the man. "Thank you so much, sir," she says. "We got separated in the crowd earlier. My daughter is deaf, so I could not make an (4)_____ over the speakers for her. I was looking for her everywhere. I was so worried!". Now the man understands why the little girl did not look at him until he (5)_____ her shoulder.

SubQuestion No : 22**Q.22 Select the most appropriate option to fill in blank number 2.**

- Ans
- 1. ears
 - 2. nails
 - 3. face
 - 4. skin

Question ID : 264330143901
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.

A couple of minutes later, a woman comes running towards the desk. As soon as she sees the little girl, she shouts and (1)_____ up to her. She lifts the girl into her arms and holds her very tight. Then she separates herself from her daughter and looks at her (2)_____ while she says, "I am here, Andrea. Everything is okay. I love you, honey." Then she turns and (3)_____ the man. "Thank you so much, sir," she says. "We got separated in the crowd earlier. My daughter is deaf, so I could not make an (4)_____ over the speakers for her. I was looking for her everywhere. I was so worried!". Now the man understands why the little girl did not look at him until he (5)_____ her shoulder.

SubQuestion No : 23**Q.23 Select the most appropriate option to fill in blank number 3.**

- Ans
- 1. opts
 - 2. discreet
 - 3. greets
 - 4. rejects

Question ID : 264330143902
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.

A couple of minutes later, a woman comes running towards the desk. As soon as she sees the little girl, she shouts and (1)_____ up to her. She lifts the girl into her arms and holds her very tight. Then she separates herself from her daughter and looks at her (2)_____ while she says, "I am here, Andrea. Everything is okay. I love you, honey." Then she turns and (3)_____ the man. "Thank you so much, sir," she says. "We got separated in the crowd earlier. My daughter is deaf, so I could not make an (4)_____ over the speakers for her. I was looking for her everywhere. I was so worried!". Now the man understands why the little girl did not look at him until he (5)_____ her shoulder.

SubQuestion No : 24

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

- Ans** 1. claim
 2. announcement
 3. notification
 4. assertion

Question ID : 264330143903
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.

A couple of minutes later, a woman comes running towards the desk. As soon as she sees the little girl, she shouts and (1)_____ up to her. She lifts the girl into her arms and holds her very tight. Then she separates herself from her daughter and looks at her (2)_____ while she says, "I am here, Andrea. Everything is okay. I love you, honey." Then she turns and (3)_____ the man. "Thank you so much, sir," she says. "We got separated in the crowd earlier. My daughter is deaf, so I could not make an (4)_____ over the speakers for her. I was looking for her everywhere. I was so worried!". Now the man understands why the little girl did not look at him until he (5)_____ her shoulder.

SubQuestion No : 25

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

- Ans** 1. felt
 2. touched
 3. contacted
 4. cracked

Question ID : 264330143904
Status : Answered
Chosen Option : 2

Section : General Intelligence

Q.1 GAMU is related to JDPX in a certain way based on the English alphabetical order. In the same way, LHIC is related to OKWF. To which of the following is BRLQ related following the same logic?

- Ans**
- 1. EUOT
 - 2. DTNS
 - 3. ETOS
 - 4. CTOU

Question ID : 264330151986
Status : Answered
Chosen Option : 1

Q.2 Which of the following numbers will replace the question mark (?) in the given series to make it logically complete?
8, 17, ?, 197, 773, 3077

- Ans**
- 1. 57
 - 2. 53
 - 3. 45
 - 4. 69

Question ID : 264330146750
Status : Answered
Chosen Option : 3

Q.3 If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', what will come in place of the question mark '?' in the following equation?

23 C 13 B 841 A 29 D 91 = ?

- Ans**
- 1. 329
 - 2. 319
 - 3. 289
 - 4. 309

Question ID : 264330147334
Status : Answered
Chosen Option : 4

Q.4 The position of how many letters will remain unchanged if each of the letters in the word ANOTHER is arranged in reversed alphabetical order, i.e. starting from the last letter (Z)?

- Ans**
- 1. None
 - 2. Three
 - 3. One
 - 4. Two

Question ID : 264330146878
Status : Answered
Chosen Option : 2

Q.5 Each of the letters in the word JOURNAL 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 in the new letter-cluster thus formed?

- Ans**
- 1. Six
 - 2. Three
 - 3. Five
 - 4. Four

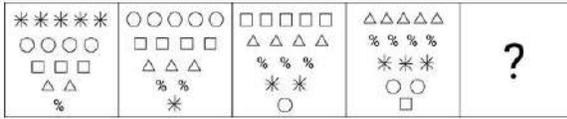
Question ID : 264330146635
Status : Not Answered
Chosen Option : --

Q.6 XU289 is related to SP324 in a certain way based on the English alphabetical order. In the same way, QN361 is related to LI400. To which of the following is JG441 related to, following the same logic?

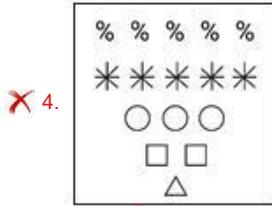
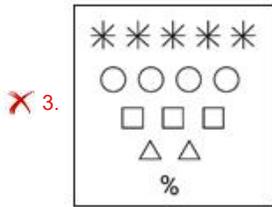
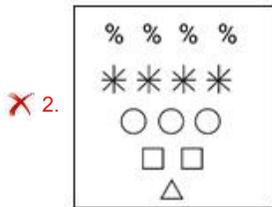
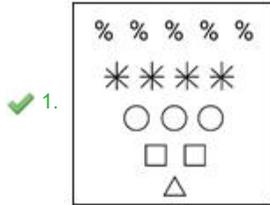
- Ans**
- 1. EB484
 - 2. FB464
 - 3. FB484
 - 4. EB464

Question ID : 264330147307
Status : Answered
Chosen Option : 1

Q.7 Identify the figure given in the options which when put in place of the question mark (?) will logically complete the series.



Ans



Question ID : 264330147231
 Status : Answered
 Chosen Option : 1

Q.8 What should come in place of the question mark (?) in the given series?

57 43 31 21 13 ?

- Ans**
- ✗ 1. 5
 - ✗ 2. 6
 - ✗ 3. 9
 - ✓ 4. 7

Question ID : 264330151006
 Status : Answered
 Chosen Option : 4

Q.9 In a certain code language, 'RHETORIC' is coded as '6' and 'GURGLE' is coded as '4'. What will be the code for 'SIGNATURE' in the given code language?

- Ans**
- 1. 5
 - 2. 7
 - 3. 8
 - 4. 12

Question ID : 264330147502
Status : Answered
Chosen Option : 2

Q.10 In a certain code language, 'PACKET' is coded as '62' and 'POST' is coded as '74' and 'FAIR' is coded as '38'. How is 'PEOPLE' coded in the given language?

- Ans**
- 1. 72
 - 2. 75
 - 3. 70
 - 4. 77

Question ID : 264330147316
Status : Answered
Chosen Option : 2

Q.11 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the option in which the numbers are related in the same way as are the numbers of the following pairs.

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

9, 56
17, 104

- Ans**
- 1. 11, 83
 - 2. 8, 51
 - 3. 12, 69
 - 4. 15, 92

Question ID : 264330146388
Status : Answered
Chosen Option : 4

Q.12 Select the option in which the numbers share the same relationship as that shared by the given pairs of numbers.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. Eg. 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 : 29 and 15 : 35

- Ans**
- 1. 19 : 40
 - 2. 16 : 37
 - 3. 41 : 85
 - 4. 36 : 72

Question ID : 264330150906
Status : Answered
Chosen Option : 2

Q.13 Select the option that is related to the third term in the same way as the second term is related to the first term and sixth term is related to fifth term.

4 : 128 :: 5 : ? :: 7 : 686

- Ans**
- 1. 225
 - 2. 240
 - 3. 255
 - 4. 250

Question ID : 264330146332
Status : Answered
Chosen Option : 2

Q.14 Which number from among the given options can replace the question mark (?) in the following series?

12, ?, 82, 123, 168, 217

- Ans**
- 1. 63
 - 2. 45
 - 3. 51
 - 4. 42

Question ID : 264330146992
Status : Answered
Chosen Option : 2

- Q.15** In a certain code language,
 $A + Z$ means 'A is the mother of Z',
 $A - Z$ means 'A is the brother of Z',
 $A \times Z$ means 'A is the sister of Z',
 $A \div Z$ means 'A is the daughter of Z'.

Based on the above, how is J related to L, if ' $J + K \div L - T \times R$ '?

- Ans**
- 1. Mother
 - 2. Husband's sister
 - 3. Wife
 - 4. Sister

Question ID : 264330147415
 Status : Answered
 Chosen Option : 3

- Q.16** 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 mangoes are apples.
 All apples are grapes.
 No pears are mangoes.

Conclusions:
 (I) Some grapes are mangoes.
 (II) No grapes are pears.

- Ans**
- 1. Both conclusions (I) and (II) follow
 - 2. Neither conclusion (I) nor (II) follows
 - 3. Only conclusion (I) follows
 - 4. Only conclusion (II) follows

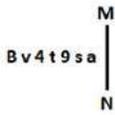
Question ID : 264330146588
 Status : Answered
 Chosen Option : 1

- Q.17** M is the brother of N. N is the father of O. O is the mother of P who is married to Q. Q is the son of R. S is the father of N and married to T. How is T related to O?

- Ans**
- 1. Mother's father
 - 2. Mother's mother
 - 3. Father's mother
 - 4. Father

Question ID : 264330150844
 Status : Answered
 Chosen Option : 3

Q.18 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans
- 1. a z 6 t 4 v B
 - 2. s z 9 t 4 v B
 - 3. s z 9 t 4 v B
 - 4. B v 4 t 9 s a

Question ID : 264330146695
Status : Answered
Chosen Option : 4

Q.19 Select the combination of letters which when sequentially placed in the blanks of the given series will complete the series.

G _ I J G _ H I J G G H _ I J _

- Ans
- 1. H I J G
 - 2. H G H I
 - 3. J G G J
 - 4. G H H I

Question ID : 264330147099
Status : Not Answered
Chosen Option : --

Q.20 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$69 - 44 \times 726 \div 132 + 58 = ?$$

- Ans
- 1. 369
 - 2. 115
 - 3. 19
 - 4. 135

Question ID : 264330147329
Status : Answered
Chosen Option : 3

Q.21 BEH is related to GJM in a certain way based on the English alphabetical order. In the same way, FOT is related to KTY. To which of the following is LIN related following the same logic?

- Ans
- 1. NAT
 - 2. OLQ
 - 3. IFK
 - 4. QNS

Question ID : 264330152072
Status : Answered
Chosen Option : 4

Q.22 Find out the correct alternative that when filled in the blanks in the same sequence will make the series logically complete.

ZN_T W_DX _VAB QZX_ N_UJ

- Ans**
- 1. FQSED
 - 2. GRTFD
 - 3. ESFRG
 - 4. FQRED

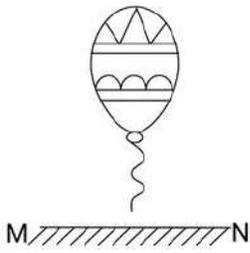
Question ID : 264330146626
Status : Answered
Chosen Option : 2

Q.23 Which letter-cluster should come in place of ? in the given series based on the English alphabetical order?
VPA, SMX, ?, MGR, JDO

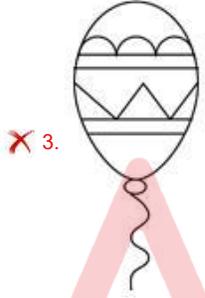
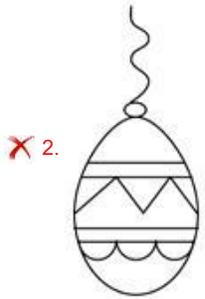
- Ans**
- 1. PJU
 - 2. RKU
 - 3. QGV
 - 4. QIW

Question ID : 264330150470
Status : Answered
Chosen Option : 1

Q.24 Select the correct mirror image of the given figure when the mirror is placed at MN as shown.

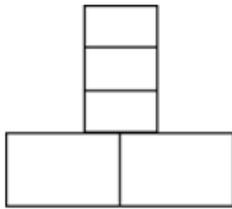


Ans



Question ID : 264330146494
 Status : Answered
 Chosen Option : 4

Q.25 Identify the number of rectangles in the given figure.



- Ans
- 1. 9
 - 2. 7
 - 3. 8
 - 4. 10

Question ID : 264330151073
 Status : Answered
 Chosen Option : 1

Section : Quantitative Aptitude

Q.1 A computer is available for ₹39,000 on cash payment or ₹19,000 as cash payment followed by five monthly instalments of ₹4,200 each. What is the rate of interest per annum under the instalment plan?

- Ans
- 1. $20\frac{19}{29}\%$
 - 2. $20\frac{17}{29}\%$
 - 3. $20\frac{20}{29}\%$
 - 4. $20\frac{18}{29}\%$

Question ID : 264330154779
 Status : Not Answered
 Chosen Option : --

Q.2 If the distance between the centres of two circles is 12 cm and the radii are 5 cm and 4 cm, then the length (in cm) of the transverse common tangent is:

- Ans
- 1. 9
 - 2. $\sqrt{143}$
 - 3. $\sqrt{63}$
 - 4. 7

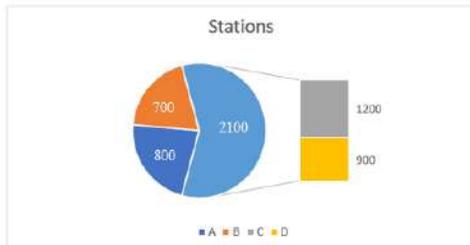
Question ID : 264330147737
 Status : Answered
 Chosen Option : 2

Q.3 Ramagya sold his computer at three successive discounts of 18%, 12%, and 5%. If the marked price of the computer is ₹36,000, then find the net selling price of the computer. (Correct to two places of decimals.)

- Ans**
- 1. ₹24,786.72
 - 2. ₹24,678.72
 - 3. ₹24,687.72
 - 4. ₹24,876.72

Question ID : 264330147959
Status : Answered
Chosen Option : 1

Q.4 The number of stations in four different cities A, B, C and D are given below.



The angles made by the cities C and D on pie chart are _____ degrees and _____ degrees, respectively.

- Ans**
- 1. 150, 70
 - 2. 70, 150
 - 3. 90, 120
 - 4. 120, 90

Question ID : 264330150611
Status : Not Answered
Chosen Option : --

Q.5 A direct common tangent is drawn to two circles of radius 25 cm and 20 cm. The centres of the two circles are 35 cm apart. What is the length (in cm) of the tangent?

- Ans**
- 1. $25\sqrt{2}$
 - 2. $25\sqrt{3}$
 - 3. $20\sqrt{3}$
 - 4. $20\sqrt{2}$

Question ID : 264330147802
Status : Answered
Chosen Option : 1

Q.6 If $(a - b) = 9$, and $(a^3 - b^3) = 4401$, find the value of ab .

- Ans
- 1. 190
 - 2. 112
 - 3. 162
 - 4. 136

Question ID : 264330146853
Status : Not Answered
Chosen Option : --

Q.7 The average weight of group A and group B is 12 kg and 24 kg, respectively. The ratio of the members in group A to group B is 1 : 2. Find the combined average of both the groups.

- Ans
- 1. 16 kg
 - 2. 22 kg
 - 3. 20 kg
 - 4. 18 kg

Question ID : 264330146513
Status : Answered
Chosen Option : 3

Q.8 If $A = 60^\circ$, $B = 30^\circ$, then find the value of $\sin A \cos B + \cos A \sin B$.

- Ans
- 1. 0
 - 2. 12
 - 3. 13
 - 4. 1

Question ID : 264330148158
Status : Answered
Chosen Option : 4

Q.9 If $\left(a + \frac{1}{a}\right) = 6$, then what is the value of $\frac{3}{4}\left(a^2 + \frac{1}{a^2}\right)$?

- Ans
- 1. 22.5
 - 2. 34
 - 3. 25.5
 - 4. 36

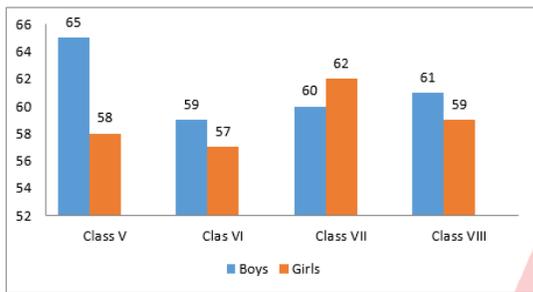
Question ID : 264330151069
Status : Answered
Chosen Option : 3

Q.10 A is a working partner and B is a sleeping partner in a business. A invested ₹30,000 and B invested ₹50,000. A receives 20% of the profit for managing the business and the rest is divided in proportion to their capital. What does B get out of the profit of ₹10,000?

- Ans**
- 1. ₹5,500
 - 2. ₹5,000
 - 3. ₹4,500
 - 4. ₹4,000

Question ID : **264330151363**
 Status : **Not Answered**
 Chosen Option : --

Q.11 The below data gives the number of boys and girls in class V, Class VI, Class VII and Class VIII.



Which class has maximum number of students?

- Ans**
- 1. VIII
 - 2. V
 - 3. VI
 - 4. VII

Question ID : **264330150829**
 Status : **Answered**
 Chosen Option : **2**

Q.12 In a solution of water and milk, the quantity of milk is double the quantity of water. To pass the quality standards, the solution must contain 90% milk in it. If the volume of the solution is v , then how much pure milk in litres is to be added to the solution to pass the quality standard?

- Ans**
- 1. $\frac{4}{3}v$
 - 2. $\frac{3}{4}v$
 - 3. $\frac{7}{4}v$
 - 4. $\frac{7}{3}v$

Question ID : **264330148122**
 Status : **Not Answered**
 Chosen Option : --

Q.13 Which of the following numbers is NOT divisible by 6.

(i) 1,97,232

(ii) 9,72,132

(iii) 8,00,552

(iv) 17,90,184

- Ans
- 1. (i)
 - 2. (iii)
 - 3. (iv)
 - 4. (ii)

Question ID : 264330147740
Status : Answered
Chosen Option : 2

Q.14 A man buys a toy car for ₹225 and sells it for ₹210. Find his loss percentage (round up to two decimal places).

- Ans
- 1. 4.44%
 - 2. 93.33%
 - 3. 3.33%
 - 4. 6.67%

Question ID : 264330147620
Status : Answered
Chosen Option : 4

Q.15 In $\triangle ABC$, the straight line parallel to the side BC meets AB and AC at the points P and Q , respectively. If $AP = QC$, the length of AB is 16 cm and the length of AQ is 4 cm, then the length (in cm) CQ is:

- Ans
- 1. $(2\sqrt{21} + 2)$
 - 2. $(2\sqrt{18} - 2)$
 - 3. $(2\sqrt{17} - 2)$
 - 4. $(2\sqrt{19} + 2)$

Question ID : 264330149341
Status : Not Answered
Chosen Option : --

Q.16 Aman wants to get his spherical overhead water tank having a diameter of 7 m, painted. If the cost of painting is ₹13 per square metre, find the cost of painting Aman's spherical overhead water tank. (Use $\pi = \frac{22}{7}$)

- Ans**
- 1. ₹1,872
 - 2. ₹1,984
 - 3. ₹2,002
 - 4. ₹1,926

Question ID : 264330148097
Status : Answered
Chosen Option : 3

Q.17 If $(\sin \theta - \cos \theta) = 0$, then the value of $\sin(\pi - \theta) + \sin\left(\frac{\pi}{2} - \theta\right)$ is:

- Ans**
- 1. 1
 - 2. 0
 - 3. $\sqrt{3}$
 - 4. $\sqrt{2}$

Question ID : 264330148060
Status : Answered
Chosen Option : 3

Q.18 If the price of a movie ticket increased by $12\frac{1}{2}\%$ and the sale of tickets also increased by $8\frac{1}{2}\%$, then find % change in income.

- Ans**
- 1. 21.875%
 - 2. 22.6750%
 - 3. 20.675%
 - 4. 22.0625%

Question ID : 264330148887
Status : Not Answered
Chosen Option : --

Q.19 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 respective ratio of the number of girls studying English to that of girls studying computers?

- Ans**
- 1. 22 : 23
 - 2. 33 : 35
 - 3. 36 : 23
 - 4. 35 : 36

Question ID : 264330149426
Status : Answered
Chosen Option : 4

Q.20 The value of $\cot 13^\circ \cot 27^\circ \cot 60^\circ \cot 63^\circ \cot 77^\circ$ is:

- Ans**
- 1. $\frac{1}{\sqrt{3}}$
 - 2. 0
 - 3. $\sqrt{3}$
 - 4. 1

Question ID : 264330148875
Status : Answered
Chosen Option : 1

Q.21 A publisher supplies books to a book-seller at a 20% discount on the list price of ₹1,574.80. If the book-seller sells books at the list price and if his expenses for freight etc. are ₹45.40, determine his profit.

- Ans**
- 1. ₹285.34
 - 2. ₹269.56
 - 3. ₹273.50
 - 4. ₹282.22

Question ID : 264330147854
Status : Not Answered
Chosen Option : --

Q.22 If $(x + \frac{1}{x}) = 5\sqrt{2}$, and $x > 1$, what is the value of $(x^6 - \frac{1}{x^6})$?

- Ans
- 1. $22970\sqrt{23}$
 - 2. $23030\sqrt{23}$
 - 3. $23060\sqrt{23}$
 - 4. $22960\sqrt{23}$

Question ID : 264330146858
Status : Answered
Chosen Option : 2

Q.23 Which of the following set of angles forms a triangle?

- Ans
- 1. $60^\circ, 70^\circ, 80^\circ$
 - 2. $60^\circ, 70^\circ, 30^\circ$
 - 3. $60^\circ, 40^\circ, 80^\circ$
 - 4. $60^\circ, 50^\circ, 80^\circ$

Question ID : 264330147640
Status : Answered
Chosen Option : 3

Q.24 A laptop is marked at a price 20% above its cost price. At what discount percentage should it be sold to make a 5% profit?

- Ans
- 1. 11.5%
 - 2. 12.5%
 - 3. 13.5%
 - 4. 10.5%

Question ID : 264330148192
Status : Not Answered
Chosen Option : --

Q.25 Find the compound interest on ₹50,000 for one year at 8% per annum when compounded half yearly.

- Ans
- 1. ₹3,900
 - 2. ₹3,880
 - 3. ₹4,080
 - 4. ₹3,950

Question ID : 264330147865
Status : Answered
Chosen Option : 3

Q.1 Which of the following schemes/programmes is NOT related to microfinance type of initiatives?

- Ans
- 1. Ujjawala Scheme
 - 2. Jan Dhan Yojana
 - 3. Jeevika Project
 - 4. Indira Kranthi Patham Programme

Question ID : 264330145853
Status : Marked For Review
Chosen Option : 2

Q.2 Bastar Dussehra is celebrated in which of the following states?

- Ans
- 1. Uttar Pradesh
 - 2. Haryana
 - 3. Chhattisgarh
 - 4. Jharkhand

Question ID : 264330148652
Status : Not Answered
Chosen Option : --

Q.3 In the MPL 59th Senior National Chess Championship held in Delhi ,Who became India's 78th Grandmaster ?

- Ans
- 1. G Akash
 - 2. Koustav Chatterjee
 - 3. Pranav V
 - 4. Prithu Gupta

Question ID : 264330150084
Status : Not Answered
Chosen Option : --

Q.4 Which of the following Articles says that double jeopardy which says that "no person shall be prosecuted or punished for the same offence more than once."?

- Ans
- 1. Article 21 (2)
 - 2. Article 19 (1)
 - 3. Article 20 (2)
 - 4. Article 22 (2)

Question ID : 264330151225
Status : Answered
Chosen Option : 4

Q.5 The neutral point in the magnetic field of a horizontally positioned bar magnet is the:

- Ans**
- 1. point where the magnetic field changes direction
 - 2. point where the magnetic field is the weakest
 - 3. point where the magnetic field is the strongest
 - 4. point where the magnetic field is zero

Question ID : 264330150144
Status : Not Answered
Chosen Option : --

Q.6 Which is a nutritional disorder caused by vitamin B3 deficiency, leading to clinical manifestations from the skin, gastrointestinal tract and nervous system?

- Ans**
- 1. Anaemia
 - 2. Pellagra
 - 3. Beri Beri
 - 4. Scurvy

Question ID : 264330145612
Status : Answered
Chosen Option : 3

Q.7 With which scientist did William Ramsay show in 1894 that air also contained an element unknown until then, which was named argon?

- Ans**
- 1. Lord Rayleigh
 - 2. Hermann Staudinger
 - 3. Glenn Seaborg
 - 4. Harold Urey

Question ID : 264330145598
Status : Not Answered
Chosen Option : --

Q.8 The Western Ghats and the Eastern Ghats meet at which of the following places in southern India?

- Ans**
- 1. Satpura Hills
 - 2. Nallamala Hills
 - 3. Nilgiri Hills
 - 4. Mahendragiri Hills

Question ID : 264330150258
Status : Answered
Chosen Option : 3

Q.9 Which of these is related to public goods?

Ans 1.

The principle of excludability is applicable to its consumption.

2.

There is a clear link between the producer and consumer which occurs through the payment process.

3. Its consumption is rivalrous in nature.

4. There is a possibility of free ridership in its consumption.

Question ID : 264330144669
Status : Answered
Chosen Option : 2

Q.10 What is the distance between the goal line and the penalty spot in football?

Ans 1. 11 yards

2. 12 yards

3. 10 yards

4. 9 yards

Question ID : 264330145916
Status : Not Answered
Chosen Option : --

Q.11 Who among the following is NOT a professional Indian Classical Dancer?

Ans 1. Mallika Sarabhai

2. Vasundhara Doraswamy

3. Shreya Ghoshal

4. Shovana Narayanan

Question ID : 264330145775
Status : Answered
Chosen Option : 3

Q.12 The Government of India is providing Ayushman Bharat Yojana, a health scheme. This type of government efforts falls under _____ of the Directive Principles of State Policy.

Ans 1. Article 48

2. Article 46

3. Article 47

4. Article 45

Question ID : 264330150367
Status : Not Answered
Chosen Option : --

Q.13 In which of the following years was the first radio show broadcast in India?

- Ans
- 1. 1923
 - 2. 1936
 - 3. 1911
 - 4. 1927

Question ID : 264330155084
Status : Not Answered
Chosen Option : --

Q.14 Ustad Akbar Ali Khan is remembered for his contribution to which of the following musical instruments?

- Ans
- 1. Tabla
 - 2. Santoor
 - 3. Sitar
 - 4. Sarod

Question ID : 264330145787
Status : Not Answered
Chosen Option : --

Q.15 Who among the following Indian weightlifters won the silver medal in the women's 49 kg division at the World Weightlifting Championships 2022?

- Ans
- 1. Swati Singh
 - 2. Santoshi Matsa
 - 3. Sanjitha Chanu
 - 4. Saikhom Mirabai Chanu

Question ID : 264330154812
Status : Answered
Chosen Option : 4

Q.16 Which of the following states became the first Indian State to enact 'Right to Health Act 2022'?

- Ans
- 1. Punjab
 - 2. Rajasthan
 - 3. Haryana
 - 4. Madhya Pradesh

Question ID : 264330146253
Status : Answered
Chosen Option : 2

Q.17 The Village and Small Scale Industries Committee is also referred to as the _____.

- Ans
- 1. Mahalanobis Committee
 - 2. Munshi Committee
 - 3. Karve Committee
 - 4. Chakravarty Committee

Question ID : 264330144721
Status : Not Answered
Chosen Option : --

Q.18 Which of the following is a qualitative measure of credit control used by the Reserve Bank of India?

- A) CRR
- B) Moral Suasion
- C) SLR

- Ans
- 1. Only A
 - 2. Only B
 - 3. Both B and C
 - 4. Only C

Question ID : 264330145714
Status : Not Answered
Chosen Option : --

Q.19 What is the crude birth rate of India as per Census 2011?

- Ans
- 1. 20.5%
 - 2. 20%
 - 3. 21.8%
 - 4. 28%

Question ID : 264330150328
Status : Not Answered
Chosen Option : --

Q.20 NABARD launched a special pilot project in 2004-05 called _____ mainly to fulfil the credit needs of the small and marginal farmers and tenant farmers.

- Ans
- 1. JLGs
 - 2. MEDP
 - 3. SGSY
 - 4. BLP programme

Question ID : 264330151338
Status : Not Answered
Chosen Option : --

Q.21 Rajarajeshwara Temple of Tanjore was built by the ruler of which dynasty?

- Ans
- 1. Pandya
 - 2. Pallava
 - 3. Chola
 - 4. Chera

Question ID : 264330150209
Status : Answered
Chosen Option : 3

Q.22 Under the Mahatma Gandhi National Rural Employment Guarantee Act, how many minimum days of guaranteed wage employment in every financial year has to be provided to every household whose adult members volunteer to do unskilled manual work?

- Ans
- 1. 90
 - 2. 120
 - 3. 150
 - 4. 100

Question ID : 264330150703
Status : Answered
Chosen Option : 4

Q.23 Manju Barggavee won the Sangeet Natak Akademi Award of 2019 for which dance form?

- Ans
- 1. Mohiniattam
 - 2. Chhau
 - 3. Kathak
 - 4. Kuchipudi

Question ID : 264330151214
Status : Not Answered
Chosen Option : --

Q.24 Sal, acacia, and bamboo, which are types of Dry Tropical Forest, receive what amount of annual rainfall?

- Ans
- 1. From 51 cm to 151 cm
 - 2. Between 200 and 250 cm
 - 3. 251 cm or more
 - 4. Below 25 cm

Question ID : 264330145637
Status : Not Answered
Chosen Option : --

Q.25 Which of the following ministries of the Government of India has under it the Council of Scientific & Industrial Research (CSIR)?

- Ans**
- 1. Ministry of Commerce and Industry
 - 2. Ministry Of Earth Sciences
 - 3. Ministry of Science and Technology
 - 4. Ministry of Education

Question ID : 264330150381
Status : Not Answered
Chosen Option : --

