

Combined Higher Secondary Level Examination Tier I 2022

Roll Number	
Candidate Name	
Venue Name	
Exam Date	14/03/2023
Exam Time	11:45 AM - 12:45 PM
Subject	CHSL Exam 2022 Tier I

Section : English Language

Q.1 Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Scientists have a few tricks up their sleeves for dealing with the universe other objects.

- Ans**
- 1. their sleeves for dealing with
 - 2. Scientists have a few tricks up
 - 3. No error
 - 4. the universe other objects

Question ID : 264330124578
Status : Answered
Chosen Option : 4

Q.2 Choose the word that means the same as the given word.
Pacific

- Ans**
- 1. Mollifying
 - 2. Bellicose
 - 3. Inimical
 - 4. Chafing

Question ID : 264330124467
Status : Answered
Chosen Option : 1

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

- Ans**
- 1. Frightful
 - 2. Mild
 - 3. Conscientious
 - 4. Tame

Question ID : 264330124754
Status : Answered
Chosen Option : 1

Q.4 Fill in the blank with an appropriate option.
Pandavas returned to Hastinapur after their thirteen years of _____.

- Ans**
- 1. acceptance
 - 2. entertainment
 - 3. eminence
 - 4. exile

Question ID : 264330124158
Status : Answered
Chosen Option : 4

Q.5 Choose the incorrectly spelt word.

- Ans 1. Guilde
 2. Build
 3. Shield
 4. Field

Question ID : 264330124463
Status : Answered
Chosen Option : 1

**Q.6 Select the most appropriate antonym of the given word.
INTERFERE**

- Ans 1. INTERCEDE
 2. ADVANCE
 3. HAMPER
 4. JAM

Question ID : 264330125825
Status : Answered
Chosen Option : 2

Q.7 Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.

The thieves entered a house at night and decamp with valuable worth Rs. 50,000.

- Ans 1. decamped with valuables
 2. No improvement
 3. decamps with valuable
 4. decamping with valuably

Question ID : 264330124484
Status : Answered
Chosen Option : 1

Q.8 Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.

His father was few proud of his power over the horse.

- Ans 1. No improvement
 2. much proudest
 3. very proud
 4. very proudly

Question ID : 264330124640
Status : Answered
Chosen Option : 3

Q.9 Choose the sentence with no spelling error.

- Ans 1. They were irresponsible in performing their dutes.
 2. They were irresponsibile in perfoming their duties.
 3. They were irresponsible in performing ther dutys.
 4. They were irresponsible in performing their duties.

Question ID : 264330124464
Status : Answered
Chosen Option : 4

Q.10 Rearrange the parts of the sentence in correct order.
P. American political economist Mancur Olson, who wrote in 1965
Q. the problems of collective action were popularized by the
R. that coercion or some other device must be present in order
S. for a group of individuals to act in their common interest

- Ans
- 1. PSRQ
 - 2. QRPS
 - 3. QPRS
 - 4. SPQR

Question ID : 264330124456
Status : Answered
Chosen Option : 3

Q.11 Fill in the blank with the most suitable word.
Still flaccid and _____ from lack of blood, Ed ambled slowly in front of the doors.

- Ans
- 1. liberal
 - 2. levity
 - 3. lethargic
 - 4. levy

Question ID : 264330125940
Status : Answered
Chosen Option : 3

Q.12 Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
The skull bones of a woodpecker has a different chemical composition and density.

- Ans
- 1. No error
 - 2. The skull bones of a
 - 3. woodpecker has a different
 - 4. chemical composition and density.

Question ID : 264330124447
Status : Answered
Chosen Option : 3

Q.13 Choose the word that can substitute the given group of words.
Affecting all or most people, places, things, etc.

- Ans
- 1. Particular
 - 2. Pertain
 - 3. Genre
 - 4. General

Question ID : 264330124153
Status : Answered
Chosen Option : 4

Q.14 Select the correct passive form of the given sentence.
The gardener has watered the bushes.

- Ans
- 1. The bushes have been watered by the gardener.
 - 2. The bushes are being watered by the gardener.
 - 3. The bushes were being watered by the gardener.
 - 4. The bushes has been watered by the gardener.

Question ID : 264330124575
Status : Answered
Chosen Option : 1

Q.15 In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
Once in a blue moon

- Ans
- 1. Once in a day
 - 2. Frequently
 - 3. Rarely
 - 4. Once a week

Question ID : 264330124461
Status : Answered
Chosen Option : 3

Q.16 Choose the word that can substitute the given group of words.
Overly concerned with minute details or formalisms

- Ans
- 1. Blasphemy
 - 2. Rhapsodic
 - 3. Bohemian
 - 4. Pedantic

Question ID : 264330124648
Status : Answered
Chosen Option : 2

Q.17 Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required' if the sentence is correct as given.
A name strong like the land, a name (that know) how to endure.

- Ans
- 1. that has learn
 - 2. No correction required
 - 3. that educating
 - 4. that knew

Question ID : 264330125954
Status : Answered
Chosen Option : 4

Q.18 Select the correct indirect form of the given sentence.
The lawyer said, "Your case is very complicated."

- Ans
- 1. The lawyer said that my case was very complicated.
 - 2. The lawyer reported that my case is very complicated.
 - 3. The lawyer said that my case had been very complicated.
 - 4. The lawyer warned that your case was very complicated.

Question ID : 264330124446
Status : Answered
Chosen Option : 1

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

- Ans
- 1. Gamble
 - 2. Scrutinize
 - 3. Crumble
 - 4. Scrupulous

Question ID : 264330124234
Status : Answered
Chosen Option : 2

Q.20 In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
Apropos of nothing

- Ans**
- 1. Any difficult situation or obstacle
 - 2. To be enraged
 - 3. Almost everything and anything has been included
 - 4. Having no relevance to any previous discussion or situation

Question ID : 264330124592
Status : Answered
Chosen Option : 4

Comprehension:

In the following passage some of the words have been deleted. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.
Deserts probably existed much (1) _____, during former periods of global arid climate in the lee of mountain ranges that sheltered them from (2) _____ or in the centre of extensive continental regions. However, this would have been primarily before the evolution of angiosperms which are (3) _____ as seed producing plants. Only a few primitive plants, which may have been (4) _____ of the ancient desert vegetation, occur in present day deserts. One (5) _____ is the bizarre conifer relative tumboa, in the Namib Desert of southwestern Africa.

SubQuestion No : 21

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

- Ans**
- 1. early
 - 2. earliest
 - 3. earnest
 - 4. earlier

Question ID : 264330124450
Status : Answered
Chosen Option : 4

Comprehension:

In the following passage some of the words have been deleted. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.
Deserts probably existed much (1) _____, during former periods of global arid climate in the lee of mountain ranges that sheltered them from (2) _____ or in the centre of extensive continental regions. However, this would have been primarily before the evolution of angiosperms which are (3) _____ as seed producing plants. Only a few primitive plants, which may have been (4) _____ of the ancient desert vegetation, occur in present day deserts. One (5) _____ is the bizarre conifer relative tumboa, in the Namib Desert of southwestern Africa.

SubQuestion No : 22

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

- Ans**
- 1. brash
 - 2. rain
 - 3. birds
 - 4. animals

Question ID : 264330124451
Status : Answered
Chosen Option : 1

Comprehension:

In the following passage some of the words have been deleted. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.
Deserts probably existed much (1) _____, during former periods of global arid climate in the lee of mountain ranges that sheltered them from (2) _____ or in the centre of extensive continental regions. However, this would have been primarily before the evolution of angiosperms which are (3) _____ as seed producing plants. Only a few primitive plants, which may have been (4) _____ of the ancient desert vegetation, occur in present day deserts. One (5) _____ is the bizarre conifer relative tumboa, in the Namib Desert of southwestern Africa.

SubQuestion No : 23

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

- Ans 1. mandated
 2. summarized
 3. characterised
 4. presented

Question ID : 264330124452
Status : Answered
Chosen Option : 3

Comprehension:

In the following passage some of the words have been deleted. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.
Deserts probably existed much (1) _____, during former periods of global arid climate in the lee of mountain ranges that sheltered them from (2) _____ or in the centre of extensive continental regions. However, this would have been primarily before the evolution of angiosperms which are (3) _____ as seed producing plants. Only a few primitive plants, which may have been (4) _____ of the ancient desert vegetation, occur in present day deserts. One (5) _____ is the bizarre conifer relative tumboa, in the Namib Desert of southwestern Africa.

SubQuestion No : 24

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

- Ans 1. slot
 2. part
 3. task
 4. bit

Question ID : 264330124453
Status : Answered
Chosen Option : 2

Comprehension:

In the following passage some of the words have been deleted. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.
Deserts probably existed much (1) _____, during former periods of global arid climate in the lee of mountain ranges that sheltered them from (2) _____ or in the centre of extensive continental regions. However, this would have been primarily before the evolution of angiosperms which are (3) _____ as seed producing plants. Only a few primitive plants, which may have been (4) _____ of the ancient desert vegetation, occur in present day deserts. One (5) _____ is the bizarre conifer relative tumboa, in the Namib Desert of southwestern Africa.

SubQuestion No : 25

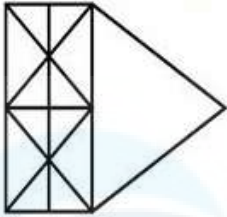
Q.25 Select the most appropriate option to fill in blank number 5.

- Ans 1. signal
 2. example
 3. instance
 4. sign

Question ID : 264330124454
Status : Answered
Chosen Option : 2

Section : General Intelligence

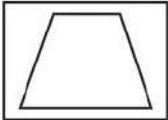
Q.1 How many maximum triangles are there in the given figure?



- Ans
- ✓ 1. 29
 - ✗ 2. 27
 - ✗ 3. 30
 - ✗ 4. 31

Question ID : 264330127534
Status : Answered
Chosen Option : 2

Q.2 Select the option figure in which the given figure is embedded. (Rotation is NOT allowed).



Ans

- ✓ 1.
- ✗ 2.
- ✗ 3.
- ✗ 4.

Question ID : 264330127410
Status : Answered
Chosen Option : 1

Q.3 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

14 : 85 :: 20 : 121 :: 11 : ?

- Ans
- 1. 65
 - 2. 76
 - 3. 77
 - 4. 67

Question ID : 264330127516
Status : Answered
Chosen Option : 4

Q.4 In the following question, select the related letters from the given alternatives.
LREA : MSFB :: BSFX : ?

- Ans
- 1. XFBA
 - 2. XFSB
 - 3. ERLA
 - 4. CTGY

Question ID : 264330126899
Status : Answered
Chosen Option : 4

Q.5 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)

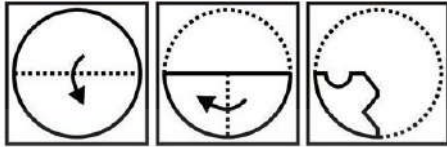
(48, 16, 192)

(22, 62, 341)

- Ans
- 1. (32, 24, 222)
 - 2. (74, 38, 713)
 - 3. (84, 78, 1638)
 - 4. (92, 46, 1068)

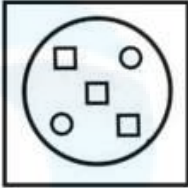
Question ID : 264330127118
Status : Answered
Chosen Option : 3

Q.6 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?

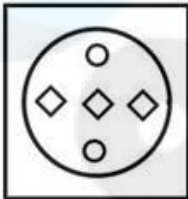


Ans

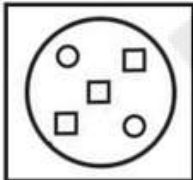
✗ 1.



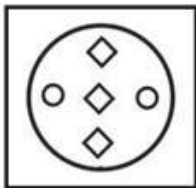
✗ 2.



✗ 3.



✓ 4.



Question ID : 264330127586
 Status : Answered
 Chosen Option : 4

Q.7 In a certain code language, 'ROUTE' is coded as '7', 'SHARE' is coded as '6'. What is the code for 'TABLE' in that code language?

Ans ✗ 1.5

✓ 2.4

✗ 3.7

✗ 4.2

Question ID : 264330127123
 Status : Answered
 Chosen Option : 2

Q.8 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.
_l_fir_p_f_rsp_fir__lfi__

- Ans
- 1. pslilspr
 - 2. pslilspsr
 - 3. prlilspr
 - 4. pslilspsr

Question ID : 264330127126
Status : Answered
Chosen Option : 4

Q.9 In the following question, select the odd word pair from the given alternatives.

- Ans
- 1. Sugarcane – Jaggery
 - 2. Sack – Jute
 - 3. Road – Asphalt
 - 4. Wall – Brick

Question ID : 264330127255
Status : Answered
Chosen Option : 1

Q.10 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)
(812, 879, 947)
(648, 715, 783)

- Ans
- 1. (428, 495, 573)
 - 2. (596, 664, 731)
 - 3. (612, 679, 747)
 - 4. (342, 409, 478)

Question ID : 264330126967
Status : Not Answered
Chosen Option : --

Q.11 In the given word pairs, the first word is related to the second word following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.
Dry : Wet

- Ans
- 1. Tall : Large
 - 2. Healthy : Sick
 - 3. Good : Best
 - 4. Short : Tiny

Question ID : 264330127403
Status : Answered
Chosen Option : 2

Q.12 E is the brother of F. D is the wife of E. G is the father of H. F is the sister of G. How is E related to G?

- Ans 1. Brother
 2. Son
 3. Brother in law
 4. Father

Question ID : 264330127127
Status : Answered
Chosen Option : 1

Q.13 If $13 \odot 62 = 225$ and $4 \odot 38 = 126$, then $29 \odot 17 = ?$

- Ans 1. 119
 2. 138
 3. 127
 4. 148

Question ID : 264330126889
Status : Answered
Chosen Option : 2

Q.14 Select the correct option that indicates the arrangement of the given words in a logical and meaningful order.

1. India
2. Asia
3. Uttar Pradesh
4. Taj Mahal
5. World

- Ans 1. 3,1,4,2,5
 2. 3,4,1,2,5
 3. 5,2,1,3,4
 4. 5,1,2,4,3

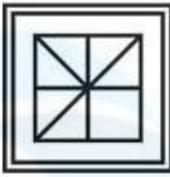
Question ID : 264330127246
Status : Answered
Chosen Option : 3

Q.15 Select the option figure in which the given figure is embedded. (rotation is NOT allowed)

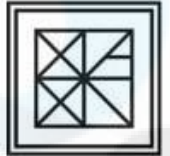


Ans

✗ 1.



✓ 2.



✗ 3.



✗ 4.



Question ID : 264330127060
Status : Answered
Chosen Option : 2

Q.16 In the following question, select the odd letter/letters from the given alternatives.

- Ans**
- ✗ 1. SWA
 - ✗ 2. UYC
 - ✓ 3. VZC
 - ✗ 4. CGK

Question ID : 264330127129
Status : Answered
Chosen Option : 3

Q.17 In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

- I. All G are N.
- II. No A is N.

Conclusion:

- I. Some G are A.
- II. Some N are G.
- III. All A are G.

- Ans**
- 1. Both conclusions II and III follows
 - 2. All conclusion follows
 - 3. Only conclusion I follows
 - 4. Only conclusion II follows

Question ID : 264330127131
Status : Answered
Chosen Option : 4

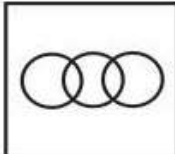
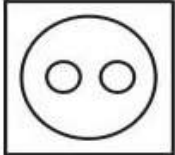
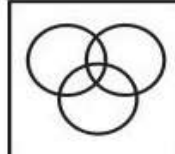
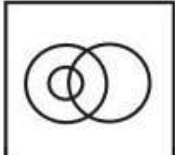
Q.18 Words given on the left side of (::) are related with each other by some Logic/Rule /Relation. Select the missing word/word pair on the right side of (::) from the given alternatives based on the same Logic/Rule/Relation.
School : Teacher :: Laboratory : ?

- Ans**
- 1. Actor
 - 2. Warrior
 - 3. Farmer
 - 4. Scientist

Question ID : 264330126975
Status : Answered
Chosen Option : 4

Q.19 Select the Venn diagram that best represents the relationship between the following classes.
Indians, Brain specialist, Surgeon

Ans

- 1. 
- 2. 
- 3. 
- 4. 

Question ID : 264330127538
Status : Answered
Chosen Option : 4

Q.20 Select the option figure in which the given figure is embedded. (rotation is NOT allowed)



Ans

1.



2.



3.



4.



Question ID : 264330126810
Status : Answered
Chosen Option : 4

Q.21 In the following question, select the missing number from the given series.
89, 148, 207, 266, ?

Ans 1. 315

2. 335

3. 325

4. 345

Question ID : 264330126894
Status : Answered
Chosen Option : 3

Q.22 After interchanging the given two signs what will be the values of expression (I) and (II) respectively?

x and -

I. $24 \div 8 \times 2 + 7 - 6$

II. $8 \times 6 - 9 \div 3 + 10$

Ans 1. 50 and 0

2. 43 and 0

3. 40 and 5

4. 0 and 43

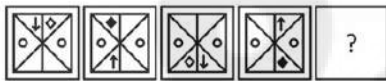
Question ID : 264330127290
Status : Answered
Chosen Option : 2

Q.23 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. 14 – 2762
 2. 16 – 4098
 3. 11 – 1333
 4. 13 – 2199

Question ID : 264330127395
 Status : Answered
 Chosen Option : 1

Q.24 Select the figure from the given options that can replace the question mark (?) in the following series.



- Ans 1.
 2.
 3.
 4.

Question ID : 264330127133
 Status : Answered
 Chosen Option : 2

Q.25 In a certain code language, 'GRMST' is coded as 'OPINC'. What is the code for 'BATCH' in that code language?

- Ans 1. DVPWX
 2. DYPWX
 3. DYPXW
 4. DXPWX

Question ID : 264330127122
 Status : Answered
 Chosen Option : 2

Q.1 Length of the chord AB of a circle is equal to the radius of the circle. What will be the angle subtended by the chord at the centre of the circle?

- Ans**
- 1. 40 degree
 - 2. 60 degree
 - 3. 30 degree
 - 4. 50 degree

Question ID : 264330127798
Status : Answered
Chosen Option : 2

Q.2 If $\frac{x^2-1}{x} = 8$, then what is the value of $\frac{x^6-1}{x^3} = ?$

- Ans**
- 1. 496
 - 2. 536
 - 3. 512
 - 4. 488

Question ID : 264330127903
Status : Answered
Chosen Option : 2

Q.3 Radius of a circle is 10 cm. What will be the angle made by a chord of length 20 cm on the circumference of this circle?

- Ans**
- 1. 90 degree
 - 2. 120 degree
 - 3. 180 degree
 - 4. 135 degree

Question ID : 264330128298
Status : Answered
Chosen Option : 1

Q.4 12 men can do a work in 8 days while 4 boys can do it in 40 days. In how many days 9 boys and 3 men together will complete the same work?

- Ans**
- 1. 10 days
 - 2. 280/13 days
 - 3. 80/7 days
 - 4. 260/17 days

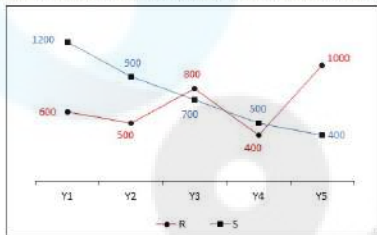
Question ID : 264330128239
Status : Answered
Chosen Option : 3

Q.5 If $6\cot\theta = 5$, then find the value of $(6\cos\theta + \sin\theta) / (6\cos\theta - 4\sin\theta)$

- Ans
- 1. 5
 - 2. 1
 - 3. 6
 - 4. 0

Question ID : 264330128507
Status : Answered
Chosen Option : 3

Q.6 The line chart given below shows the expenditure of two companies R and S in different years.



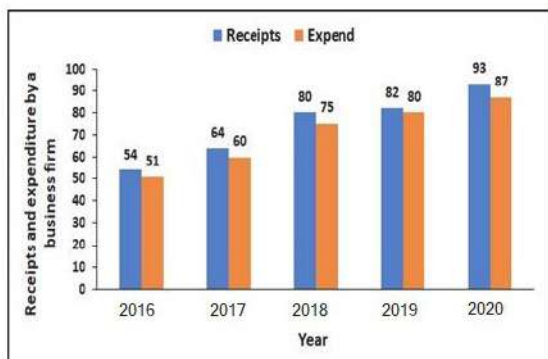
Which of the following statement is NOT correct?

- I. The expenditure of R in year Y1 and Y2 together is (Approximate) 81.66 percent of the expenditure of S in year Y3 and Y4 together.
- II. The total expenditure of company S is (Approximate) 112.12 percent of the total expenditure of company R.

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

Question ID : 264330128263
Status : Answered
Chosen Option : 4

Q.7 The following bar graph shows receipts and expenditure by a business firm over 5 years.
Gain = Receipts - Expenditure.



In which year did the company gain the minimum amount ?

- Ans
- 1. 2016
 - 2. 2017
 - 3. 2019
 - 4. 2018

Question ID : 264330128611
Status : Answered
Chosen Option : 3

Q.8 A chair is marked for Rs.210 and sold for Rs.189. Find the discount rate for this transaction.

- Ans**
- 1. 10%
 - 2. 12%
 - 3. 15%
 - 4. 8%

Question ID : 264330128518
Status : Answered
Chosen Option : 1

Q.9 The ratio of the volume of first and second cylinder is 32 : 9 and the ratio of their heights is 8 : 9. If the area of the base of the second cylinder is 616 cm^2 , then what will be the radius of the first cylinder?

- Ans**
- 1. 24 cm
 - 2. 20 cm
 - 3. 28 cm
 - 4. 36 cm

Question ID : 264330128116
Status : Answered
Chosen Option : 3

Q.10 $\triangle EFG$ is a right angled triangle. $\angle F = 90$ degree, $EF = 10$ cm and $FG = 15$ cm. What is the value of $\operatorname{cosec} G$?

- Ans**
- 1. $\frac{\sqrt{13}}{2}$
 - 2. $\frac{2}{\sqrt{3}}$
 - 3. $\frac{\sqrt{13}}{10}$
 - 4. $\frac{10}{\sqrt{3}}$

Question ID : 264330127807
Status : Answered
Chosen Option : 1

Q.11 Ritika purchased 'x' kg wheat at Rs.30/kg and sold 8 kg of this at Rs. 'x' per kg and remaining at Rs.45/kg. Overall profit percent earned is 10%, then what quantity of wheat Ritika sold at Rs.45/kg?

- Ans**
- 1. 18 kg
 - 2. 16 kg
 - 3. 10 kg
 - 4. 14 kg

Question ID : 264330128520
Status : Answered
Chosen Option : 3

Q.12 A car moves at the speed of 108 km/hr after repairing and moves at the speed of 72 km/hr before repairing. It covers a distance of x km in 3 hours after repairing. How much time will it take to cover a distance of 5x km before repairing?

- Ans**
- 1. 25 hours 20 minutes
 - 2. 24 hours
 - 3. 20 hours 40 minutes
 - 4. 22 hours 30 minutes

Question ID : 264330128115
Status : Not Answered
Chosen Option : --

Q.13 The ratio of incomes of P and Q is 1 : 2. Ratio of income of Q and R is 3 : 2. If one-third of P's income is Rs. 4400 less than the half of P's income, then what is the Q's income?

- Ans**
- 1. Rs. 56600
 - 2. Rs. 52800
 - 3. Rs. 46600
 - 4. Rs. 41200

Question ID : 264330128121
Status : Answered
Chosen Option : 2

Q.14 What is the value of $(2^2 + 1)(2^4 + 1)(2^8 + 1)(2^{16} + 1) \dots (2^{128} + 1)$?

- Ans**
- 1. $\frac{2^{256} - 1}{2}$
 - 2. $\frac{2^{256} - 1}{3}$
 - 3. $2^{256} - 1$
 - 4. $\frac{2^{256} - 1}{4}$

Question ID : 264330128127
Status : Answered
Chosen Option : 2

Q.15 In an exam, a student got 64 marks and still failed by 20 percent marks. If the passing percentage is 40 percent, then what are the maximum marks of the exam?

- Ans**
- 1. 160
 - 2. 250
 - 3. 200
 - 4. 180

Question ID : 264330128119
Status : Answered
Chosen Option : 1

Q.16 In an equilateral triangle, circumradius is 14 cm. What is the length of median in this triangle?

- Ans**
- 1. $14\sqrt{3}$ cm
 - 2. 21 cm
 - 3. $18\sqrt{3}$ cm
 - 4. $7\sqrt{3}$ cm

Question ID : 264330128126
Status : Answered
Chosen Option : 2

Q.17 What is the value of the expression $1 - 7 + 2 - 8 + 3 - 9 + 4 - 10 + \dots$ to 100 terms?

- Ans**
- 1. -200
 - 2. -360
 - 3. -300
 - 4. -240

Question ID : 264330128131
Status : Answered
Chosen Option : 3

Q.18 If $-\sin \theta + \operatorname{cosec} \theta = 6$, then what is the value of $\sin \theta + \operatorname{cosec} \theta$?

- Ans**
- 1. 6
 - 2. $\sqrt{40}$
 - 3. $\sqrt{34}$
 - 4. $\sqrt{38}$

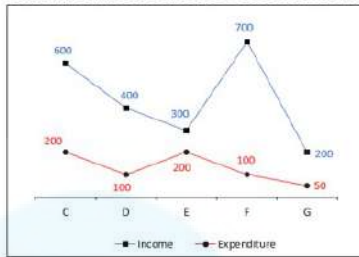
Question ID : 264330128133
Status : Answered
Chosen Option : 2

Q.19 If $a^3 + 3a^2 + 3a = 63$, then the value of $a^2 + 2a$ is:

- Ans**
- 1. 22
 - 2. 19
 - 3. 15
 - 4. 8

Question ID : 264330128529
Status : Answered
Chosen Option : 3

Q.20 The line chart given below shows the income and expenditure of a company in five years.



Saving = Income – Expenditure

What is the difference between the average income and average saving in year C and D together?

- Ans**
- 1. 450
 - 2. 250
 - 3. 150
 - 4. 350

Question ID : 264330127985
 Status : Answered
 Chosen Option : 3

Q.21 The table given below shows the number of students studying in different streams of a particular college. Find the ratio of the average number of students studying science in the given years to the total strength of students studying in the year 2022.

Year	Arts	Science	History	Social Science
2018	65	78	43	24
2019	93	69	36	24
2020	67	83	25	30
2021	75	55	35	15
2022	76	65	48	31

- Ans**
- 1. 7 : 22
 - 2. 35 : 22
 - 3. 22 : 7
 - 4. 22 : 35

Question ID : 264330128537
 Status : Answered
 Chosen Option : 1

Q.22 How many prime numbers are there between 100 and 120?

- Ans**
- 1. 6
 - 2. 7
 - 3. 5
 - 4. 4

Question ID : 264330128305
 Status : Answered
 Chosen Option : 3

Q.23 The average of 16 numbers is 35. It was found later that four numbers 18, 17, 24 and 35 were taken by mistake. What is the new average after removing these numbers?

- Ans**
- 1. 38.83
 - 2. 42.33
 - 3. 46.66
 - 4. 33.33

Question ID : 264330128117
Status : Answered
Chosen Option : 1

Q.24 If 10 percent per annum rate of compound interest compounded yearly is equivalent to the x percent per annum rate of compound interest compounded half yearly, then what is the value (Approximate) of x?

- Ans**
- 1. 6.25 percent
 - 2. 5.32 percent
 - 3. 4.88 percent
 - 4. 4.55 percent

Question ID : 264330128247
Status : Answered
Chosen Option : 2

Q.25 JKLM is a cyclic quadrilateral in which $\angle K$ is opposite to $\angle M$. When JK and ML are produced, meet at point Z. JK = 10 cm, KZ = 12 cm and MZ = 33 cm. What is the length of LZ?

- Ans**
- 1. 9 cm
 - 2. 8 cm
 - 3. 10 cm
 - 4. 12 cm

Question ID : 264330128124
Status : Answered
Chosen Option : 4

Section : General awareness

Q.1 Which of the following shortcut key is used to repeat the last command or action, if possible, in MS-Excel 365?

- Ans**
- 1. Ctrl + Z
 - 2. Shift + Z
 - 3. Ctrl + Y
 - 4. Shift + Y

Question ID : 264330125209
Status : Answered
Chosen Option : 1

Q.2 Who built the Pathar Ki Masjid in Patna, Bihar?

- Ans**
- 1. Feroz shah Tughlaq
 - 2. Parwez Shah
 - 3. Aurangzeb
 - 4. Alauddin Khilji

Question ID : 264330125686
Status : Not Answered
Chosen Option : --

Q.3 If the price elasticity of demand is less than one, then the demand for the goods is said to be _____.

- Ans
- 1. Perfectly inelastic
 - 2. Inelastic
 - 3. Perfectly elastic
 - 4. Unitary-elastic

Question ID : 264330125215
Status : Answered
Chosen Option : 3

Q.4 Rishu wants to input data to the computer by pressing keys. Which input device should he use?

- Ans
- 1. Keyboard
 - 2. Scanner
 - 3. Joystick
 - 4. Light Pen

Question ID : 264330125608
Status : Answered
Chosen Option : 1

Q.5 Which of the following statements is correct regarding the Industrial Policy resolution 1956?

- I. This resolution formed the basis of the Second Five Year Plan.
- II. This policy was used for promoting industry in backward regions.

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

Question ID : 264330125341
Status : Answered
Chosen Option : 2

Q.6 Which of the following seasons in India is known as the transition season?

- Ans
- 1. Retreating Monsoon
 - 2. Advancing Monsoon
 - 3. Cold Weather Season
 - 4. Hot Weather Season

Question ID : 264330125196
Status : Answered
Chosen Option : 2

Q.7 '2G Saga Unfolds' book was written by _____.

- Ans
- 1. Mohsin Hamid
 - 2. Tarun Vijay
 - 3. Andimuthu Raja
 - 4. Kanwaljit Singh

Question ID : 264330125352
Status : Not Answered
Chosen Option : --

Q.8 At places the groundwater is stored between layers of hard rock below the water table. This is known as _____.

- Ans**
- 1. a well
 - 2. an aquifer
 - 3. a lake
 - 4. a pond

Question ID : 264330125217
Status : Answered
Chosen Option : 2

Q.9 In humans, the digestion of carbohydrates like starch, begins in which of the following parts?

- Ans**
- 1. Rectum
 - 2. Small Intestine
 - 3. Oesophagus
 - 4. Buccal cavity

Question ID : 264330125343
Status : Answered
Chosen Option : 3

Q.10 _____ is a tributary of river Godavari.

- Ans**
- 1. Tawa
 - 2. Banas
 - 3. Indravati
 - 4. Chambal

Question ID : 264330125570
Status : Answered
Chosen Option : 3

Q.11 Which union territory of India has a sea named after it?

- Ans**
- 1. Puducherry
 - 2. Andaman and Nicobar Islands
 - 3. Dadra and Nagar Haveli
 - 4. Daman and Diu

Question ID : 264330125622
Status : Answered
Chosen Option : 2

Q.12 Who emphasized the worship of God as Nirankar (Formless) in Punjab?

- Ans**
- 1. Maharaja Ranjit Singh
 - 2. Baba Ram Singh
 - 3. Baba Dayal Das
 - 4. Guru Gobind Singh

Question ID : 264330125625
Status : Answered
Chosen Option : 3

Q.13 Which of the following pair of "term – sport" is NOT correct?

- I. Batting – Cricket
- II. Goal – Netball

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

Question ID : 264330125357
Status : Answered
Chosen Option : 1

Q.14 Concurrent list of seventh schedule does NOT have provision related to _____.

- Ans
- 1. Industrial and labour disputes
 - 2. Forests
 - 3. Taxes on lands and buildings
 - 4. Economic and social planning

Question ID : 264330125229
Status : Not Answered
Chosen Option : --

Q.15 Prime Minister Narendra Modi inaugurated the United Nations World Geospatial Congress (UNWGIC) 2022 held in _____.

- Ans
- 1. Bangalore
 - 2. Mumbai
 - 3. Hyderabad
 - 4. Pune

Question ID : 264330125562
Status : Not Answered
Chosen Option : --

Q.16 Suresh N Patel was appointed as chief of which organization in August 2022?

- Ans
- 1. NITI Ayog
 - 2. SEBI
 - 3. Election Commission of India
 - 4. Central Vigilance Commission

Question ID : 264330125338
Status : Not Answered
Chosen Option : --

Q.17 In May 2022, RailTel launched PM-WANI based on _____.

- Ans
- 1. food subsidy in 100 trains
 - 2. fire safety scheme
 - 3. free travel insurance scheme
 - 4. access to its Wi-Fi at 100 railway stations

Question ID : 264330125339
Status : Answered
Chosen Option : 4

Q.18 In Kheda, Gujarat, Patidar peasants organised non-violent campaigns against which of the following demand of the British?

- Ans**
- 1. Low labour rates
 - 2. Long working hours
 - 3. High land revenue
 - 4. Low price for crops

Question ID : 264330125224
Status : Answered
Chosen Option : 1

Q.19 Which article of the Indian constitution specifies the composition of the Council of States?

- Ans**
- 1. Article 80
 - 2. Article 395
 - 3. Article 51A
 - 4. Article 12

Question ID : 264330125628
Status : Answered
Chosen Option : 1

Q.20 Which city will host the 2032 Summer Olympic Games?

- Ans**
- 1. Athens
 - 2. Jakarta
 - 3. Brisbane
 - 4. Tokyo

Question ID : 264330125080
Status : Answered
Chosen Option : 1

Q.21 The Natya shastra which provides information regarding musical instruments is compiled by _____.

- Ans**
- 1. Amir Khusrau
 - 2. Bharat Muni
 - 3. Tansen
 - 4. Kalidas

Question ID : 264330124986
Status : Answered
Chosen Option : 2

Q.22 In FIFA U-17 Women's World Cup 2022, the opening match was played between Morocco and _____.

- Ans**
- 1. Brazil
 - 2. India
 - 3. Chile
 - 4. United States of America

Question ID : 264330125506
Status : Answered
Chosen Option : 2

Q.23 Kailash Satyarthi has received the Noble Prize in the field of _____.

- Ans**
- 1. Physics
 - 2. Literature
 - 3. Peace
 - 4. Economic studies

Question ID : 264330125201
Status : Answered
Chosen Option : 4

Q.24 Which of the following statement is NOT correct regarding the prokaryotic cell?

- Ans**
- 1. They have only very small ribosomes as organelles
 - 2. Membrane bound cell organelles are present
 - 3. Their chromosomes are composed of only nucleic acid.
 - 4. Their size is generally in the range of 1 – 10 μm

Question ID : 264330125219
Status : Answered
Chosen Option : 2

Q.25 Which of the following statements regarding coal is NOT correct?

- Ans**
- 1. Anthracite is the highest quality hard coal.
 - 2. Coal that has been buried deep and subjected to increased temperatures is bituminous coal.
 - 3. Lignite is a low-grade brown coal, which is soft with high moisture content.
 - 4. Metallurgical coal is high grade lignite coal which has a special value for smelting iron in blast furnaces.

Question ID : 264330125348
Status : Answered
Chosen Option : 1