

Combined Higher Secondary Level Examination Tier I 2022

Roll Number	
Candidate Name	
Venue Name	
Exam Date	17/03/2023
Exam Time	5:15 PM - 6:15 PM
Subject	CHSL Exam 2022 Tier I

Section : **English Language**

Q.1 Select the most appropriate antonym of the given word.
INDISPENSABLE

- Ans 1. FUNDAMENTAL
 2. CRUCIAL
 3. INESSENTIAL
 4. BASIC

Question ID : 264330125748
Status : Answered
Chosen Option : 3

Q.2 Choose the incorrectly spelt word.

- Ans 1. Prepaer
 2. Mushy
 3. Busiest
 4. Matter

Question ID : 264330124541
Status : Answered
Chosen Option : 1

Q.3 Select the most appropriate option to fill in the blank.
Howard tried to speak but all that came out was an _____, squeaky gargle.

- Ans 1. implausible
 2. sincere
 3. easy
 4. inarticulate

Question ID : 264330124704
Status : Answered
Chosen Option : 4

Q.4 Choose the word that is opposite in meaning to the given word.
Ignominy

- Ans 1. Esteem
 2. Disrepute
 3. Stigma
 4. Infamy

Question ID : 264330124278
Status : Not Answered
Chosen Option : --

Q.5 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.
Titanic (was sink) after midnight.

- Ans
- 1. was drown
 - 2. sunked
 - 3. No correction required
 - 4. drowned

Question ID : 264330125745
Status : Answered
Chosen Option : 2

Q.6 In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
To make a mountain of a mole hill

- Ans
- 1. To violate the rules
 - 2. To make unnecessary comments
 - 3. To give great importance to trifles
 - 4. To achieve big success

Question ID : 264330124539
Status : Answered
Chosen Option : 3

Q.7 Select the correct indirect form of the given sentence.
Pritam said, "The prisoner had slept throughout the journey."

- Ans
- 1. Pritam said that the prisoner had been sleeping throughout the journey.
 - 2. Pritam said that the prisoner had sleep throughout the journey.
 - 3. Pritam said that the prisoner had slept throughout the journey.
 - 4. Pritam said that the prisoner has slept throughout the journey.

Question ID : 264330124524
Status : Answered
Chosen Option : 3

Q.8 In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
A bite at the cherry

- Ans
- 1. A wrong move
 - 2. An attempt or opportunity to do something
 - 3. To have a leverage over someone
 - 4. A dog bite

Question ID : 264330124410
Status : Answered
Chosen Option : 3

Q.9 Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.

Remember to close the windows before **you leave**.

- Ans
- 1. your leave
 - 2. No improvement
 - 3. you leaves
 - 4. you have leaving

Question ID : 264330124275
Status : Answered
Chosen Option : 2

Q.10 Fill in the blank with an appropriate option.

The oil in the diya symbolises the dirt in the human mind such as greed, _____, hate, etc.

- Ans
- 1. envy
 - 2. slavery
 - 3. joy
 - 4. merry

Question ID : 264330124105
Status : Answered
Chosen Option : 1

Q.11 Choose the sentence with no spelling error.

- Ans
- 1. We can never solvve our problems.
 - 2. We can never solve our problems.
 - 3. We can never solve our problams.
 - 4. We can nver solve our problems.

Question ID : 264330124542
Status : Answered
Chosen Option : 2

Q.12 Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.

Bushfire have created havoc and exacerbated the conditions of animals in the forest.

- Ans
- 1. Bushfire have created havoc
 - 2. and exacerbated the conditions
 - 3. No error
 - 4. of animals in the forest.

Question ID : 264330124396
Status : Answered
Chosen Option : 2

Q.13 Choose the word that is opposite in meaning to the given word.
Vivacity

- Ans
- 1. Sap
 - 2. Vim
 - 3. Lush
 - 4. Apathy

Question ID : 264330124017
Status : Not Answered
Chosen Option : --

Q.14 Choose the word that can substitute the given group of words.
Travelling from place to place

- Ans 1. Recluse
 2. Arcane
 3. Reverent
 4. Itinerant

Question ID : 264330124362
Status : Answered
Chosen Option : 4

Q.15 Choose the word that means the same as the given word.
Obligation

- Ans 1. Imperative
 2. Loophole
 3. Discharge
 4. Quietus

Question ID : 264330124545
Status : Answered
Chosen Option : 1

Q.16 Select the correct passive form of the given sentence.
Picasso painted Guernica in 1937.

- Ans 1. Guernica was painting by Picasso in 1937.
 2. Guernica was been painted by Picasso in 1937.
 3. Guernica was paint by Picasso in 1937.
 4. Guernica was painted by Picasso in 1937.

Question ID : 264330124393
Status : Answered
Chosen Option : 4

Q.17 Rearrange the parts of the sentence in correct order.
P. on the US naval base, close to the prison compounds
Q. housing the remaining 39 detainees held in the "war on terror"
R. inviting tenders for private contractors to run the Migrant Operations Center
S. the Immigration and Customs Enforcement (ICE) bureau is

- Ans 1. RPQS
 2. QSRP
 3. SPQR
 4. SRPQ

Question ID : 264330124534
Status : Answered
Chosen Option : 4

Q.18 Improve the underlined part of the sentence. Choose 'No improvement' as an answer if
the sentence is grammatically correct.
None of the witnessed could identify the suspect.

- Ans 1. No improvement
 2. witness had identify
 3. witnessed could identified
 4. witnesses could identify

Question ID : 264330124665
Status : Answered
Chosen Option : 4

Q.19 Fill in the blank with an appropriate option.
We can usefully distinguish four types of claims that have been traditionally made using the _____ “human nature”.

- Ans
- 1. collateral
 - 2. application
 - 3. nuance
 - 4. expression

Question ID : 264330124184
Status : Answered
Chosen Option : 4

Q.20 Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
You will never regret this wonderful experience with your life.

- Ans
- 1. regret this wonderful
 - 2. experience with your life.
 - 3. You will never
 - 4. No error

Question ID : 264330124525
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.
Improving your well-being is considered to be the fundamental (1) _____ of travelling.
Travelling helps to decrease the risks of heart disease and anxiety (2) _____ developing our brain health. There have been studies proving that travel can have a positive impact on our heart (3) _____. The health benefit of travelling is that when you travel to new surroundings you (4) _____ a restart button to your body and mind. This brings in fresh energy when you get back to your normal (5) _____ activities.

SubQuestion No : 21

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

- Ans
- 1. rancidity
 - 2. sanctity
 - 3. sanity
 - 4. benefit

Question ID : 264330124528
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.
Improving your well-being is considered to be the fundamental (1) _____ of travelling.
Travelling helps to decrease the risks of heart disease and anxiety (2) _____ developing our brain health. There have been studies proving that travel can have a positive impact on our heart (3) _____. The health benefit of travelling is that when you travel to new surroundings you (4) _____ a restart button to your body and mind. This brings in fresh energy when you get back to your normal (5) _____ activities.

SubQuestion No : 22

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

- Ans 1. as
 2. because
 3. so
 4. while

Question ID : 264330124529
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.
Improving your well-being is considered to be the fundamental (1) _____ of travelling.
Travelling helps to decrease the risks of heart disease and anxiety (2) _____ developing our brain health. There have been studies proving that travel can have a positive impact on our heart (3) _____. The health benefit of travelling is that when you travel to new surroundings you (4) _____ a restart button to your body and mind. This brings in fresh energy when you get back to your normal (5) _____ activities.

SubQuestion No : 23

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

- Ans 1. health
 2. bloom
 3. pace
 4. being

Question ID : 264330124530
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.
Improving your well-being is considered to be the fundamental (1) _____ of travelling.
Travelling helps to decrease the risks of heart disease and anxiety (2) _____ developing our brain health. There have been studies proving that travel can have a positive impact on our heart (3) _____. The health benefit of travelling is that when you travel to new surroundings you (4) _____ a restart button to your body and mind. This brings in fresh energy when you get back to your normal (5) _____ activities.

SubQuestion No : 24

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

- Ans 1. press
 2. heap
 3. usurp
 4. snatch

Question ID : 264330124531
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.
Improving your well-being is considered to be the fundamental (1) _____ of travelling.
Travelling helps to decrease the risks of heart disease and anxiety (2) _____ developing our brain health. There have been studies proving that travel can have a positive impact on our heart (3) _____. The health benefit of travelling is that when you travel to new surroundings you (4) _____ a restart button to your body and mind. This brings in fresh energy when you get back to your normal (5) _____ activities.

SubQuestion No : 25

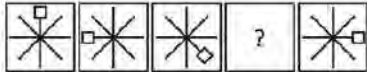
Q.25 Select the most appropriate option to fill in blank number 5.

- Ans** 1. regular
 2. sedentary
 3. arbitrate
 4. moderate

Question ID : 264330124532
Status : Answered
Chosen Option : 1

Section : General Intelligence

Q.1 Select the figure from the given options that can replace the question mark (?) in the following series.



Ans

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

Question ID : 264330127208
Status : Answered
Chosen Option : 3

Q.2 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)
(4, 12, 2)
(7, 42, 14)

- Ans
- 1. (19, 62, 11)
 - 2. (25, 29, 5)
 - 3. (9, 26, 4)
 - 4. (15, 44, 9)

Question ID : 264330127442
Status : Answered
Chosen Option : 3

Q.3 Arrange the given words in the sequence in which they occur in the dictionary.

1. Irreparable
2. Irreplaceable
3. Irrigated
4. Irritable
5. Irradiation

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

Question ID : 264330127071
Status : Answered
Chosen Option : 1

Q.4 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 T are P.
- II. All P are L.

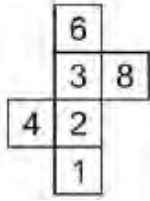
Conclusions:

- I. All T are L.
- II. All L are P.
- III. Some P are T.

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

Question ID : 264330127206
Status : Answered
Chosen Option : 3

Q.5 A cube is made by folding the given sheet. In the cube so formed, which number will be on the face opposite to the face showing '8'?



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

Question ID : 264330126832
Status : Answered
Chosen Option : 2

Q.6 By interchanging which two signs the given equation will be correct?
 $39 - 3 \div 13 + 16 \times 8 = 17$

- Ans
- 1. \times and $-$
 - 2. $+$ and $-$
 - 3. \div and $-$
 - 4. \times and $+$

Question ID : 264330126319
Status : Answered
Chosen Option : 1

Q.7 In the following question, select the related letters from the given alternatives.
 $XQ : UJ :: IH : ?$

- Ans
- 1. EL
 - 2. ET
 - 3. GB
 - 4. FS

Question ID : 264330126974
Status : Answered
Chosen Option : 4

Q.8 Select the option that is related to the third number in the same way as the first number is related to the second number and fifth number is related to sixth number.
 $46 : 93 :: 38 : ? :: 58 : 117$

- Ans
- 1. 83
 - 2. 77
 - 3. 81
 - 4. 79

Question ID : 264330126691
Status : Answered
Chosen Option : 2

Q.9 In the following question, select the odd letter/letters from the given alternatives.

- Ans 1. OQJL
 2. YAZB
 3. UWDG
 4. EGTV

Question ID : 264330127204
Status : Answered
Chosen Option : 3

Q.10 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.
_ fghi _ _ ghije _ ghi _ _ f _ hij

- Ans 1. ejffjeg
 2. ejeffjgg
 3. ejeffjjg
 4. ejeffjeg

Question ID : 264330127201
Status : Answered
Chosen Option : 4

Q.11 In a certain code language, 'LGMPK' is coded as 'JPSMFL'. What is the code for 'CARROT' in that code language?

- Ans 1. SOQRAC
 2. SOQRCZ
 3. SQORZC
 4. SOQRZC

Question ID : 264330127197
Status : Answered
Chosen Option : 4

Q.12 In a certain code language, 'FRIENDS * FANS' is coded as '28', 'INDIANS * PICKS' is coded as '35'. What is the code for 'INCREASES * PRICES' in that code language?

- Ans 1. 54
 2. 48
 3. 45
 4. 58

Question ID : 264330127198
Status : Answered
Chosen Option : 1

Q.13 Select the correct mirror image of the given combination when the mirror is placed at line AB as shown.

MOUNTAIN

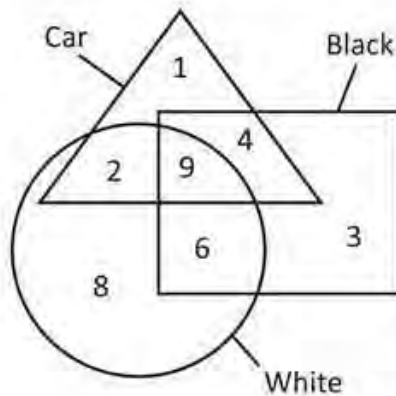


Ans

- 1. MOUNTAIN
- 2. MOUNTAIN
- 3. NIATIUOM
- 4. NIATIUOM

Question ID : 264330127537
 Status : Answered
 Chosen Option : 3

Q.14 How many black are only white?



- Ans
- 1. 3
 - 2. 9
 - 3. 6
 - 4. 15

Question ID : 264330126713
 Status : Answered
 Chosen Option : 3

Q.15 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.
 Dog : Bitch :: ?

- Ans
- 1. Cock : Hen
 - 2. Stallion : Horse
 - 3. Witch : Wizard
 - 4. Cow : Bull

Question ID : 264330126878
 Status : Answered
 Chosen Option : 1

Q.16 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. 168 – 336
 - 2. 512 – 1024
 - 3. 358 – 726
 - 4. 624 – 1248

Question ID : 264330126870
Status : Answered
Chosen Option : 3

Q.17 If 'x' means '+', '-' means '+', '+' means 'x' and '+' means '-', then $84 \times 7 \div 4 - 16 \times 8 \div 2 + 14 = ?$

- Ans
- 1. 36
 - 2. 38
 - 3. 44
 - 4. 24

Question ID : 264330126964
Status : Answered
Chosen Option : 2

Q.18 Select the option that is related to the fifth word in the same way as the second word is related to the first word and the fourth word is related to the third word.
Dentist : Teeth :: Orthopedician : Bones :: Cardiologist : ?

- Ans
- 1. Ears
 - 2. Heart
 - 3. Brain
 - 4. Eyes

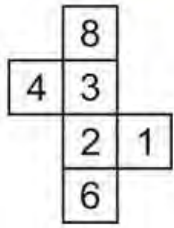
Question ID : 264330127450
Status : Answered
Chosen Option : 2

Q.19 Select the option in which the numbers share 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)
(432, 348, 264)
(288, 337, 386)

- Ans
- 1. (412, 390, 328)
 - 2. (304, 368, 412)
 - 3. (348, 317, 286)
 - 4. (264, 199, 114)

Question ID : 264330127193
Status : Answered
Chosen Option : 3

Q.20 By folding the given paper, which of the following box cannot be made?

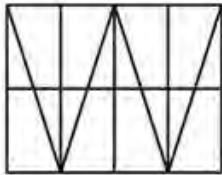


Ans



Question ID : 264330127082
Status : Answered
Chosen Option : 1

Q.21 How many triangles are there in the given figure?



Ans ✓ 1. 22

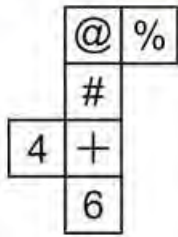
✗ 2. 21

✗ 3. 16

✗ 4. 24

Question ID : 264330126709
Status : Answered
Chosen Option : 1

Q.22 By folding the given paper, which of the following box can be made?



Ans



Question ID : 264330127207

Status : Answered

Chosen Option : 4

Q.23 Three of the four group of words are alike in some manner. Select the odd group of words.

Ans 1. (Truck, Scooter, Car)

2. (Lizard, Crocodile, Jungle)

3. (Lion, Leopard, Fox)

4. (Pen, Pencil, Eraser)

Question ID : 264330127080

Status : Answered

Chosen Option : 2

Q.24 Bhanu is the sister of Chirag. Aryan is the father of Bhanu. Chirag is the brother of Dewan. Dewan is the husband of Esha. How is Esha related to Aryan?

Ans 1. Daughter

2. Sister

3. Niece

4. Daughter in law

Question ID : 264330127202

Status : Answered

Chosen Option : 4

Q.25 In the following question, select the missing number from the given series.
31, 93, 279, 837, ?, 7533

- Ans 1. 2511
 2. 2831
 3. 2633
 4. 2711

Question ID : 264330126969
Status : Answered
Chosen Option : 1

Section : Quantitative Aptitude

Q.1 The average age of Ram and Shyam is 28 years. If Rahim replaces Ram, then the average age will become 26 years. If Rahim replaces Shyam, then the average age will become 30 years. What are the respective ages of Ram, Shyam and Rahim?

- Ans 1. 32 years, 24 years and 28 years
 2. 34 years, 40 years and 30 years
 3. 48 years, 40 years and 26 years
 4. 38 years, 44 years and 36 years

Question ID : 264330128192
Status : Answered
Chosen Option : 1

Q.2 The sum of the present ages of a father and his son is 94 years. 8 years ago their respective ages were in the ratio of 2 : 1. After 10 years what will be the ratio of ages of father and son?

- Ans 1. 35 : 22
 2. 14 : 13
 3. 25 : 18
 4. 16 : 15

Question ID : 264330128196
Status : Answered
Chosen Option : 1

Q.3 Two circles having equal radius intersect each other such that each passes through the center of the other. Sum of diameter of these two circles is 84 cm. What is the length of the common chord?

- Ans 1. $21\sqrt{3}$ cm
 2. $14\sqrt{3}$ cm
 3. $28\sqrt{3}$ cm
 4. $24\sqrt{3}$ cm

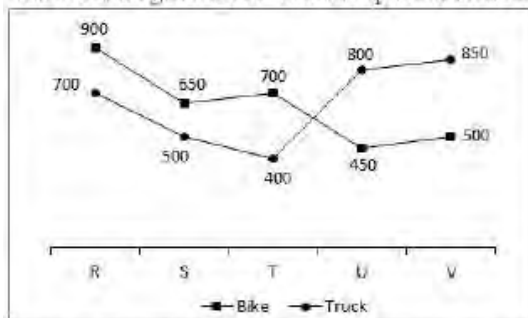
Question ID : 264330128199
Status : Answered
Chosen Option : 1

Q.4 What is the value of $98^2 - 97^2 + 96^2 - 95^2 + 94^2 - 93^2 + \dots + 12^2 - 11^2$?

- Ans
- 1. 4725
 - 2. 4796
 - 3. 4851
 - 4. 4926

Question ID : 264330127978
Status : Answered
Chosen Option : 2

Q.5 The line chart given below shows the production of bike and truck by five companies.



Which of the following statement is NOT correct?

- I. The total production of truck by all the 5 companies is 201.50 percent of the total production of bike by all the 5 companies.
- II. The average production of bike and truck by company R is 800.

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

Question ID : 264330128088
Status : Answered
Chosen Option : 1

Q.6 Two people A and B are at a distance of 220 km from each other at 10:30 AM. After 30 minutes, A starts moving towards B at a speed of 40 km/hr while at 12 PM, B starts moving away from A at a speed of 30 km/hr. At what time will they meet on the next day?

- Ans
- 1. 7:00 AM
 - 2. 4:00 AM
 - 3. 5:30 AM
 - 4. 6:00 AM

Question ID : 264330128190
Status : Answered
Chosen Option : 4

Q.7 If $\frac{1}{(x-2)} + x = 8$, then what is the value of $\frac{1}{(x-2)^2} + (x-2)^2$?

- Ans
- 1. 38
 - 2. 36
 - 3. 40
 - 4. 34

Question ID : 264330127704
Status : Answered
Chosen Option : 4

Q.8 In $\triangle XYZ$, P is a point on side YZ and $XY = XZ$. If $\angle XPY = 90^\circ$ and $YP = 9$ cm, then what is the length of YZ?

- Ans
- 1. 17 cm
 - 2. 18 cm
 - 3. 12 cm
 - 4. 15 cm

Question ID : 264330127825
Status : Answered
Chosen Option : 2

Q.9 What is the value of $(\tan 10^\circ \tan 80^\circ + \tan 20^\circ \tan 70^\circ + \tan 30^\circ \tan 60^\circ + \tan 40^\circ \tan 50^\circ)$?

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

Question ID : 264330128084
Status : Answered
Chosen Option : 1

Q.10 The table given below shows the production of refrigerator by 6 companies.

Companies	Production
P	200
Q	140
R	120
S	80
T	40
U	100

What is the average production of refrigerator by all six companies?

- Ans
- 1. 132.44
 - 2. 113.33
 - 3. 93.33
 - 4. 156.44

Question ID : 264330128210
Status : Answered
Chosen Option : 2

Q.11 A man earns a profit of 20 percent by selling a calculator for a certain price. If he sells that calculator at double the price, then what will be the profit percentage?

- Ans
- ✓ 1. 140 percent
 - ✗ 2. 160 percent
 - ✗ 3. 60 percent
 - ✗ 4. 120 percent

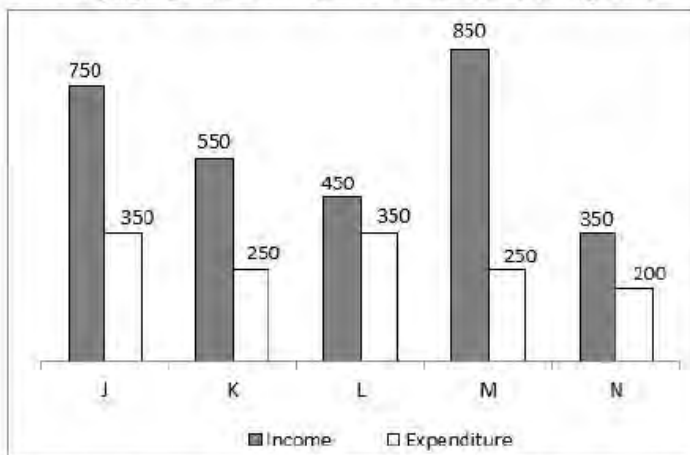
Question ID : 264330127695
Status : Answered
Chosen Option : 1

Q.12 If $3 \operatorname{cosec} A = 7$, then what is the value of $\cos A \tan A$?

- Ans
- ✗ 1. $\frac{2\sqrt{10}}{7}$
 - ✓ 2. $\frac{3}{7}$
 - ✗ 3. $\frac{4}{7}$
 - ✗ 4. $\frac{\sqrt{10}}{7}$

Question ID : 264330127834
Status : Answered
Chosen Option : 1

Q.13 The bar graph given below shows the income and expenditure of a company in five years.



What is the ratio of total income in year M and N to the total expenditure in year J, K and L?

- Ans
- ✗ 1. 19 : 24
 - ✗ 2. 19 : 25
 - ✓ 3. 24 : 19
 - ✗ 4. 21 : 17

Question ID : 264330127886
Status : Answered
Chosen Option : 3

Q.14 In an equilateral triangle ABC, P is the centroid of this triangle. Side of $\triangle ABC$ is $16\sqrt{3}$ cm. What is the distance of point P from side BC?

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

Question ID : 264330128201
Status : Answered
Chosen Option : 1

Q.15 The marked price of an article is 40 percent more than its cost price. If 20 percent discount is given on the marked price, then what will be the profit percentage?

- Ans
- 1. 15 percent
 - 2. 12 percent
 - 3. 10 percent
 - 4. 8 percent

Question ID : 264330127693
Status : Answered
Chosen Option : 2

Q.16 Rama alone can do a work in 5 days working 4 hours a day. Seema alone can do the same work in 3 days working 10 hours a day. How many hours do they need to work together in a day to complete the same work in 6 days?

- Ans
- 1. 1 hour
 - 2. 3 hours
 - 3. 5 hours
 - 4. 2 hours

Question ID : 264330128064
Status : Answered
Chosen Option : 4

Q.17 What is the value of $(x + 1)(x^2 - x + 1)$?

- Ans
- 1. $x^3 - 1$
 - 2. $x^3 + x$
 - 3. $x^3 + 1$
 - 4. $x^3 - x$

Question ID : 264330128202
Status : Answered
Chosen Option : 3

Q.18 In an equilateral triangle inradius is 4 cm. What is the circumradius?

- Ans
- 1. 6 cm
 - 2. 8 cm
 - 3. 12 cm
 - 4. 2 cm

Question ID : 264330128325
Status : Answered
Chosen Option : 2

Q.19 What is the value of $1440 - 200 \div 50 \times 2 + 3$?

- Ans
- 1. 1420
 - 2. 1440
 - 3. 1435
 - 4. 1444

Question ID : 264330126461
Status : Answered
Chosen Option : 3

Q.20 In an examination, 45 percent students passed in history and 60 percent students passed in hindi. If 8 percent students failed in both the subjects, then what percentage students passed in both the subjects?

- Ans
- 1. 15 percent
 - 2. 10 percent
 - 3. 13 percent
 - 4. 12 percent

Question ID : 264330128194
Status : Answered
Chosen Option : 3

Q.21 If the heights of two cylinders are in the ratio of 2 : 3 and their- radius are in the ratio of 6 : 5, then what is the ratio of the volumes of the cylinders?

- Ans
- 1. 24 : 29
 - 2. 21 : 31
 - 3. 24 : 25
 - 4. 28 : 31

Question ID : 264330128191
Status : Answered
Chosen Option : 3

Q.22 If $2 \sec^2 \theta - 9 \sec \theta + 7 = 0$, then what is the value of $\cos^2 \theta + \sec^2 \theta$?

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

Question ID : 264330128208
Status : Answered
Chosen Option : 1

Q.23 The table given below shows the production of bike and truck by five companies.

Companies	Production	
	Bike	Truck
A	300	200
B	175	100
C	200	50
D	75	250
E	100	275

J1 = The average production of bike by all the 5 companies.

J2 = The average production of truck by all the 5 companies.

What is the value of (J1 : J2)?

- Ans**
- 1. 35 : 34
 - 2. 37 : 33
 - 3. 34 : 35
 - 4. 31 : 37

Question ID : 264330127712
 Status : Answered
 Chosen Option : 3

Q.24 A sum amounts to Rs. 6580 in 2 years and amounts to Rs. 7896 in 3 years on compound interest (compounding annually) at the same rate of interest. What is the annual rate of interest?

- Ans**
- 1. 30 percent
 - 2. 40 percent
 - 3. 15 percent
 - 4. 20 percent

Question ID : 264330128072
 Status : Answered
 Chosen Option : 4

Q.25 What is the value of $\frac{5}{12} \text{ of } \frac{6}{25} - \frac{5}{6} \times \frac{12}{33} + \frac{5}{11} \div \frac{25}{33}$?

- Ans**
- 1. 131/110
 - 2. 125/117
 - 3. 121/112
 - 4. 133/115

Question ID : 264330128206
 Status : Answered
 Chosen Option : 1

Section : General awareness

Q.1 In ruminants like cattle, bacteria present in _____ helps in digestion of cellulose.

- Ans 1. rumen
 2. oesophagus
 3. small intestine
 4. large intestine

Question ID : 264330125168
Status : Answered
Chosen Option : 3

Q.2 Which institution launched a list of 50 iconic Indian heritage textiles?

- Ans 1. Ministry of textile
 2. NITI Aayog
 3. Ministry of culture
 4. UNESCO

Question ID : 264330124787
Status : Answered
Chosen Option : 2

Q.3 Which of the following shortcut key is used to open a new file in MS-Word 365?

- Ans 1. Alt + O
 2. Alt + N
 3. Ctrl + O
 4. Ctrl + N

Question ID : 264330125284
Status : Answered
Chosen Option : 3

Q.4 Law of Demand states that, there is a negative relationship between _____.

- Ans 1. demand for a commodity and its supply
 2. demand for a commodity and its price
 3. tax on a commodity and its price
 4. supply of a commodity and its price

Question ID : 264330125290
Status : Answered
Chosen Option : 1

Q.5 "Advanced Light Helicopter (ALH) MK III" has been manufacturer by which organization?

- Ans 1. ISRO
 2. HAL
 3. DRDO
 4. BHEL

Question ID : 264330125163
Status : Answered
Chosen Option : 2

Q.6 Sonal Mansingh is associated with which dance form?

- Ans** 1. Kuchipudi and Sattriya
 2. Bharatnatyam and Odissi
 3. Manipuri and kathak
 4. Manipuri and Kuchipudi

Question ID : 264330125035
Status : Not Answered
Chosen Option : --

Q.7 Consider the given consumption function of country X and answer the following question.

$$C = 100 + 0.8Y$$

What is the value of autonomous consumption (A) and marginal propensity to consume (MPC) in the given equation?

- Ans** 1. A = 0.8, MPC = 100
 2. A = 100, MPC = 80
 3. A = 80, MPC = 0.10
 4. A = 100, MPC = 0.8

Question ID : 264330125166
Status : Not Answered
Chosen Option : --

Q.8 Which of the following sports was NOT played at Commonwealth Games 2022?

- Ans** 1. Squash
 2. Boxing
 3. Hockey
 4. Archery

Question ID : 264330125182
Status : Answered
Chosen Option : 4

Q.9 Who among the following wrote a history of Akbar's reign titled Akbar Nama?

- Ans** 1. Miya Tansen
 2. Todar Mal
 3. Raja Birbal
 4. Abul Fazi

Question ID : 264330124800
Status : Answered
Chosen Option : 4

Q.10 Original jurisdiction of the Supreme Court of India is defined under which article of the Indian constitution?

- Ans** 1. 130
 2. 134
 3. 131
 4. 132

Question ID : 264330124803
Status : Answered
Chosen Option : 3

Q.11 Who won the women's singles title at the French Open 2022?

Ans 1. Iga Swiatek

2. Ons Jabeur

3. Ashleigh Barty

4. Coco Gauff

Question ID : 264330124981

Status : Answered

Chosen Option : 1

Q.12 Who was/is a successful Indian business tycoon and was the founder of Reliance Industries?

Ans 1. Dhirubhai Ambani

2. Anant Ambani

3. Mukesh Ambani

4. Akash Ambani

Question ID : 264330125476

Status : Answered

Chosen Option : 3

Q.13 Which of the following pair regarding peninsular plateau of India is correct?

I. Central Highlands – south of Narmada river

II. Deccan Plateau – north of Narmada river

Ans 1. Only I

2. Both I and II

3. Neither I nor II

4. Only II

Question ID : 264330124797

Status : Answered

Chosen Option : 3

Q.14 The green plants in a terrestrial ecosystem capture about _____ percent of the energy of sunlight that falls on their leaves and convert it into food energy.

Ans 1. 20

2. 10

3. 1

4. 5

Question ID : 264330125292

Status : Answered

Chosen Option : 2

Q.15 Theme of International Earth Day 2022 is _____.

Ans 1. Invest in our planet

2. Saves future collectively

3. Protect our species

4. Restore our earth

Question ID : 264330125164

Status : Not Answered

Chosen Option : --

Q.16 Nashik is also known as _____ capital of India.

- Ans** 1. Wine
 2. Gold
 3. Orange
 4. Cotton

Question ID : 264330125471
Status : **Answered**
Chosen Option : 3

Q.17 Who was conferred with the Ashok Chakra for his gallantry in 26/11 Mumbai terrorist attacks?

- Ans** 1. Mohan Chand Sharma
 2. Hemant Karkare
 3. R P Diengdoh
 4. Mohit Sharma

Question ID : 264330125177
Status : **Not Answered**
Chosen Option : --

Q.18 Which of the following statements is correct regarding the 2011 population census?

- Ans** 1. The literacy rate in the country as per the Census of 2011 is 78 per cent.
 2. Sex ratio is defined as the number of males per 1000 females in the population.
 3. Kerala has a sex ratio of 1046.
 4. A person aged 7 years and above, who can read and write with understanding in any language, is treated as literate.

Question ID : 264330125173
Status : **Answered**
Chosen Option : 4

Q.19 Which of the following temple is situated in Tamil Nadu?

- Ans** 1. Shore temple
 2. Kailasa temple
 3. Virupaksha temple
 4. Jagannatha temple

Question ID : 264330125285
Status : **Not Answered**
Chosen Option : --

Q.20 The Eighty-ninth Amendment Act, 2003 of the Indian Constitution established which of the following Commission?

- Ans** 1. Competition Commission of India
 2. National Commission for Backward Classes
 3. National Commission for Woman
 4. National Commission for Scheduled Tribes

Question ID : 264330125304
Status : **Answered**
Chosen Option : 4

Q.21 Mahatma Gandhi abruptly called off the Non-Cooperation Movement when in _____ a crowd of peasants set fire to a police station in Chauri Chaura.

- Ans 1. June 1922
 2. February 1922
 3. December 1922
 4. April 1922

Question ID : 264330125299
Status : Answered
Chosen Option : 1

Q.22 From the north most to south most point of India, what is the extent of India?

- Ans 1. 4109 km
 2. 2914 km
 3. 3214 km
 4. 3785 km

Question ID : 264330124795
Status : Answered
Chosen Option : 2

Q.23 _____ was the first web browser developed by the National Centre for Supercomputing Application (NCSA).

- Ans 1. Opera
 2. Safari
 3. Mosaic
 4. Chrome

Question ID : 264330124783
Status : Not Answered
Chosen Option : --

Q.24 Which of the following statements regarding the lenses is/are correct?
I. Power of a convex lens is represented as a positive number.
II. Power of a concave lens is represented as a negative number.

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

Question ID : 264330125294
Status : Answered
Chosen Option : 2

Q.25 _____ won the gold medal in the Women's event in the 44th Chess Olympiad 2022 held in India.

- Ans 1. Georgia
 2. Armenia
 3. Ukraine
 4. India

Question ID : 264330125555
Status : Answered
Chosen Option : 3