

Combined Higher Secondary Level Examination Tier I 2022

Roll Number	
Candidate Name	
Venue Name	
Exam Date	14/03/2023
Exam Time	9:00 AM - 10:00 AM
Subject	CHSL Exam 2022 Tier I

Section : English Language

Q.1 Choose the incorrectly spelt word.

- Ans ☒ 1. Cateogry
- ☐ 2. Circle
- ☐ 3. Greed
- ☐ 4. Heap

Question ID : 264330124411
Status : Answered
Chosen Option : 1

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

- Ans ☐ 1. Organize
- ☐ 2. Anchor
- ☒ 3. Enmity
- ☐ 4. Authorize

Question ID : 264330124415
Status : Answered
Chosen Option : 3

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

- Ans ☐ 1. Aware
- ☐ 2. Careful
- ☒ 3. Ignorant
- ☐ 4. Suspecting

Question ID : 264330124728
Status : Answered
Chosen Option : 3

Q.4 Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Smart phone age has lead to substantial deterioration in both duration and quality of sleep.

- Ans ☒ 1. Smart phone age has lead
- ☐ 2. both duration and quality of sleep.
- ☐ 3. to substantial deterioration in
- ☐ 4. No error

Question ID : 264330124318
Status : Answered
Chosen Option : 1

Q.5 Rearrange the parts of the sentence in correct order.
Forest planning rules
P. recognizes the growing risks to national
Q. forests from climate change as well as expands
R. opportunities for public input and engagement
S. were updated in 2012, and the new rule explicitly

- Ans ☒ 1. PQRS
☒ 2. QRPS
☒ 3. SPQR
☒ 4. PSQR

Question ID : 264330124143
Status : Answered
Chosen Option : 3

Q.6 Select the correct indirect form of the given sentence.
The professor said, "You must learn these words regularly."

- Ans ☒ 1. The professor said that I must learn those words regularly.
☒ 2. The professor said I should learn these words regularly.
☒ 3. The professor said that you had to learn these words regularly.
☒ 4. The professor said that I had to learn those words regularly.

Question ID : 264330124394
Status : Answered
Chosen Option : 4

Q.7 Fill in the blank with the most suitable word.
In addition, it is believed they possess crude electronic devices capable of triggering
_____ bombs.

- Ans ☒ 1. intelligible
☒ 2. insipid
☒ 3. incendiary
☒ 4. insensible

Question ID : 264330125914
Status : Answered
Chosen Option : 4

Q.8 Select the correct passive form of the given sentence.
The president loved that lady.

- Ans ☒ 1. That lady is love by the president.
☒ 2. That lady was loved by the president.
☒ 3. That lady is loved by the president.
☒ 4. That lady was being loved by the president.

Question ID : 264330124315
Status : Answered
Chosen Option : 2

Q.9 Fill in the blank with an appropriate option.
I try to retrieve the note from my pocket while _____ the tray steady on my palm.

- Ans ☒ 1. holding
☒ 2. noting
☒ 3. plotting
☒ 4. scolding

Question ID : 264330124625
Status : Answered
Chosen Option : 1

Q.10 Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
The five first girls will get the discount on our merchandise.

- Ans ☒ 1. The five first girls
☒ 2. No error
☒ 3. will get the discount
☒ 4. on our merchandise.

Question ID : 264330124395
Status : Answered
Chosen Option : 1

Q.11 Select the most appropriate antonym of the given word.
FAMISH

- Ans ☒ 1. STARVE
☒ 2. EAT
☒ 3. REFRAIN
☒ 4. ABSTAIN

Question ID : 264330125747
Status : Answered
Chosen Option : 2

Q.12 In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
Armed to the teeth

- Ans ☒ 1. Fully armed, having many weapons
☒ 2. Different attacking techniques
☒ 3. Safeguard oneself in every possible way
☒ 4. To have no weapon to fight

Question ID : 264330124332
Status : Answered
Chosen Option : 3

Q.13 Select the most appropriate one-word substitution for the given group of words.
A person who has escaped from captivity or is in hiding.

- Ans ☒ 1. Fastidious
☒ 2. Fanatic
☒ 3. Fugitive
☒ 4. Farce

Question ID : 264330125935
Status : Answered
Chosen Option : 3

Q.14 Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
The weather on the weekend are supposed to be sunny.

- Ans ☒ 1. were supposed
☒ 2. No improvement
☒ 3. are supposing
☒ 4. is supposed

Question ID : 264330124093
Status : Answered
Chosen Option : 4

Q.15 Choose the sentence with no spelling error.

- Ans ☒ 1. Motivatinal quotes will not help you.
- ☒ 2. Motivational quotes will not helpp you.
- ☒ 3. Motivational quotes will not help you.
- ☒ 4. Motivational routes will not help you.

Question ID : 264330124412
Status : Answered
Chosen Option : 3

Q.16 Rearrange the parts of the sentence in correct order.
P. contributed to the destruction of Sir Walter Raleigh's "Lost Colony"
Q. a severe three-year drought in the late 16th century probably
R. at Roanoke Island in what is now North Carolina, and a subsequent
S. seven-year drought led to high mortality at the Jamestown Colony in Virginia

- Ans ☒ 1. QPRS
- ☒ 2. PSQR
- ☒ 3. QRSP
- ☒ 4. PRSQ

Question ID : 264330124404
Status : Answered
Chosen Option : 1

Q.17 Choose the word that means the same as the given word.
Saboteur

- Ans ☒ 1. Vandal
- ☒ 2. Sage
- ☒ 3. Mendicant
- ☒ 4. Preservationist

Question ID : 264330124208
Status : Answered
Chosen Option : 4

Q.18 In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
To sleep like a dog

- Ans ☒ 1. To be less mindful
- ☒ 2. To be insomniac
- ☒ 3. To sleep soundly
- ☒ 4. To make noise while sleeping

Question ID : 264330124409
Status : Answered
Chosen Option : 2

Q.19 Choose the word that can substitute the given group of words.
One who looks at the dark side of life

- Ans ☒ 1. Extrovert
- ☒ 2. Pessimist
- ☒ 3. Libertine
- ☒ 4. Anarchist

Question ID : 264330124465
Status : Answered
Chosen Option : 2

Q.20 Choose the word that can substitute the given group of words.
Incapable of being read

- Ans** ☒ 1. Illegible
 ☐ 2. Comprehensive
 ☐ 3. Decipherable
 ☐ 4. Corrupt

Question ID : 264330124622
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.
It is easy to think that the daily life of a plant is a simple (1) _____. They seem to just stand there and sunbathe. However, plants are very busy all the time doing (2) _____ things. This activity is aimed at surviving the day and (3) _____ for the future. They are continuously working for it.
Plants need food to survive. Being (4) _____ in the ground means that they cannot move around to find food so they must make their own. They do this by taking water from the soil in (5) _____ their roots and a molecule in the air carbon dioxide into their leaves.

SubQuestion No : 21

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

- Ans** ☐ 1. one's
 ☒ 2. one
 ☐ 3. ones
 ☐ 4. once

Question ID : 264330124398
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.
It is easy to think that the daily life of a plant is a simple (1) _____. They seem to just stand there and sunbathe. However, plants are very busy all the time doing (2) _____ things. This activity is aimed at surviving the day and (3) _____ for the future. They are continuously working for it.
Plants need food to survive. Being (4) _____ in the ground means that they cannot move around to find food so they must make their own. They do this by taking water from the soil in (5) _____ their roots and a molecule in the air carbon dioxide into their leaves.

SubQuestion No : 22

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

- Ans** ☐ 1. very
 ☒ 2. many
 ☐ 3. much
 ☐ 4. any

Question ID : 264330124399
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.
It is easy to think that the daily life of a plant is a simple (1) _____. They seem to just stand there and sunbathe. However, plants are very busy all the time doing (2) _____ things. This activity is aimed at surviving the day and (3) _____ for the future. They are continuously working for it.
Plants need food to survive. Being (4) _____ in the ground means that they cannot move around to find food so they must make their own. They do this by taking water from the soil in (5) _____ their roots and a molecule in the air carbon dioxide into their leaves.

SubQuestion No : 23

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

- Ans ☒ 1. reviving
☒ 2. caressing
☒ 3. planning
☒ 4. sensing

Question ID : 264330124400
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.
It is easy to think that the daily life of a plant is a simple (1) _____. They seem to just stand there and sunbathe. However, plants are very busy all the time doing (2) _____ things. This activity is aimed at surviving the day and (3) _____ for the future. They are continuously working for it.
Plants need food to survive. Being (4) _____ in the ground means that they cannot move around to find food so they must make their own. They do this by taking water from the soil in (5) _____ their roots and a molecule in the air carbon dioxide into their leaves.

SubQuestion No : 24

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

- Ans ☒ 1. sullied
☒ 2. smudged
☒ 3. cluttered
☒ 4. rooted

Question ID : 264330124401
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.
It is easy to think that the daily life of a plant is a simple (1) _____. They seem to just stand there and sunbathe. However, plants are very busy all the time doing (2) _____ things. This activity is aimed at surviving the day and (3) _____ for the future. They are continuously working for it.
Plants need food to survive. Being (4) _____ in the ground means that they cannot move around to find food so they must make their own. They do this by taking water from the soil in (5) _____ their roots and a molecule in the air carbon dioxide into their leaves.

SubQuestion No : 25

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

- Ans ☒ 1. by
☒ 2. of
☒ 3. with
☒ 4. through

Question ID : 264330124402
Status : Answered
Chosen Option : 4

Section : General Intelligence

Q.1 If a mirror is placed on the line AB, then out of the option figures which figure will be the right image of the question figure?



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

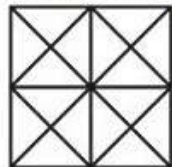
Question ID : 264330126787
Status : Answered
Chosen Option : 3

Q.2 If $8 \% 3 \% 2 = 328$ and $4 \% 2 \% 6 = 264$, then $1 \% 7 \% 3 = ?$

- Ans ☒ 1. 317
- ☒ 2. 173
- ☒ 3. 731
- ☒ 4. 371

Question ID : 264330126839
Status : Answered
Chosen Option : 3

Q.3 Find the total number of squares in the figure.



- Ans ☒ 1. 10
- ☒ 2. 8
- ☒ 3. 6
- ☒ 4. 12

Question ID : 264330127459
Status : Answered
Chosen Option : 1

Q.4 In the following question, select the odd word pair from the given alternatives.

Ans ☒ 1. Karnataka – Bengaluru

☐ 2. Patna – Bihar

☐ 3. Dispur – Assam

☐ 4. Gandhinagar – Gujarat

Question ID : 264330127005

Status : Answered

Chosen Option : 1

Q.5 By interchanging the given two signs which of the following equation will be not correct?

x and +

I. $7 - 6 + 2 \div 1 \times 9 = 2$

II. $16 + 4 - 9 \times 1 \div 3 = 60$

Ans ☐ 1. Only I

☐ 2. Only II

☒ 3. Both I and II

☐ 4. Neither I nor II

Question ID : 264330127215

Status : Answered

Chosen Option : 3

Q.6 A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
NTR, TVZ, ZXH, FZP, ?

Ans ☐ 1. LCY

☒ 2. LBX

☐ 3. XRT

☐ 4. LMQ

Question ID : 264330127076

Status : Answered

Chosen Option : 2

Q.7 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.
Colour : Black

Ans ☐ 1. Lily : Flower

☐ 2. Eraser : Marker

☐ 3. Fruit : Onion

☒ 4. Furniture : Table

Question ID : 264330127378

Status : Answered

Chosen Option : 4

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



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 264330127037
Status : Answered
Chosen Option : 3

Q.9 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 truck are car.
II. Some car are bike.

Conclusion:

- I. No bike is truck.
II. Some truck are car.
III. Some bike are car.

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

Question ID : 264330127081
Status : Answered
Chosen Option : 2

Q.10 In the following question, select the missing number from the given series.
68, 82, 110, 124, 152, ?, 194

- Ans** ☒ 1. 166
- ☒ 2. 170
- ☒ 3. 168
- ☒ 4. 162

Question ID : 264330126844
Status : Answered
Chosen Option : 1

Q.11 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)
(18, 66, 48)
(52, 144, 92)

- Ans ☒ 1. (46, 122, 66)
☒ 2. (82, 178, 94)
☒ 3. (24, 56, 32)
☒ 4. (34, 106, 82)

Question ID : 264330126842
Status : Answered
Chosen Option : 3

Q.12 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)
(3, 2, 162)
(6, 3, 3888)

- Ans ☒ 1. (4, 3, 786)
☒ 2. (9, 3, 19783)
☒ 3. (5, 2, 1350)
☒ 4. (7, 2, 4802)

Question ID : 264330127068
Status : Answered
Chosen Option : 4

Q.13 In the following question, select the odd letter/letters from the given alternatives.

- Ans ☒ 1. EAW
☒ 2. HDZ
☒ 3. YUQ
☒ 4. WSM

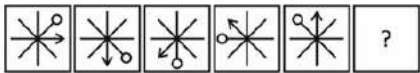
Question ID : 264330127079
Status : Answered
Chosen Option : 4

Q.14 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. 278 – 1122
☒ 2. 588 – 2352
☒ 3. 378 – 1512
☒ 4. 648 – 2592

Question ID : 264330127370
Status : Answered
Chosen Option : 1

Q.15 Select the figure from the given options that can replace the question mark (?) in the following series.



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 264330127083
Status : Answered
Chosen Option : 2

Q.16 In a certain code language, 'GARMENTS' is coded as '2019132214719', 'HYDROGEN' is coded as '192523181272214'. What is the code for 'INVASIVE' in that code language?


- Ans
- ☒ 1. 1814518955
 - ☒ 2. 1814519855
 - ☒ 3. 1418518954
 - ☒ 4. 1814158955

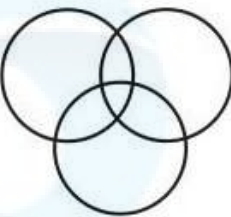
Question ID : 264330127073
Status : Answered
Chosen Option : 1

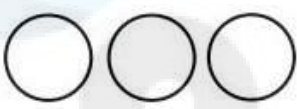
Q.17 Select the Venn diagram that best represents the relationship between the following classes.
Pens, Pencils and Eraser

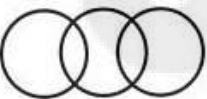
Ans

- ✗ 1.


- ✗ 2.


- ✓ 3.


- ✗ 4.



Question ID : 264330127463
Status : Answered
Chosen Option : 3

Q.18 M is the brother of N. L is the father of M. N is the sister of O. O is the daughter of P.
How is P related to N?

- Ans**
- ✗ 1. Paternal Grandmother

✗ 2. Sister

✗ 3. Maternal Aunt

✓ 4. Mother

Question ID : 264330127077
Status : Answered
Chosen Option : 4

Q.19 In a certain code language, 'SCREEN' is coded as 'LCCPAQ'. What is the code for 'SKILLS' in that code language?

- Ans**
- ✗ 1. QJJJGQ

✓ 2. QJJGIQ

✗ 3. QJJHIR

✗ 4. OJJGIQ

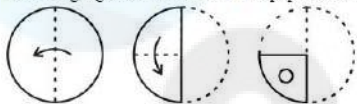
Question ID : 264330127072
Status : Answered
Chosen Option : 2

Q.20 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.
Ohm : Electric Resistance : : Newton : ?

- Ans
- ☒ 1. Area
 - ☒ 2. Pressure
 - ☒ 3. Temperature
 - ☒ 4. Force

Question ID : 264330126850
Status : Answered
Chosen Option : 4

Q.21 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 : 264330127386
Status : Answered
Chosen Option : 3

Q.22 In the following question, select the related letters from the given alternatives.
AMG : WIC :: NZT : ?

- Ans
- ☒ 1. JVP
 - ☒ 2. JVS
 - ☒ 3. MOP
 - ☒ 4. JKR

Question ID : 264330126849
Status : Answered
Chosen Option : 1

Q.23 After arranging the given words according to dictionary order, which word will come at 'Second' position ?
1. Dietetic
2. Diestrus
3. Diestrum
4. Dieldrin
5. Diestock

Ans ☒ 1. Diestock
☒ 2. Dietetic
☒ 3. Diestrus
☒ 4. Dieldrin

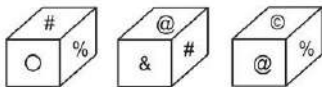
Question ID : 264330126996
Status : Answered
Chosen Option : 1

Q.24 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 fourth number is related to third number.
6 : 12 :: 15 : 75 :: 18 : ?

Ans ☒ 1. 90
☒ 2. 138
☒ 3. 108
☒ 4. 126

Question ID : 264330127441
Status : Answered
Chosen Option : 3

Q.25 Three different positions of the same dice are shown. Select the symbol that will be on the face opposite to the one having '@'.

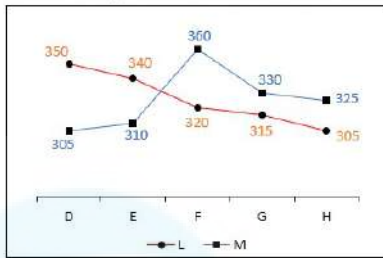


Ans ☒ 1. O
☒ 2. %
☒ 3. &
☒ 4. #

Question ID : 264330127532
Status : Answered
Chosen Option : 1

Section : Quantitative Aptitude

Q.1 The line chart given below shows the number of calculators sold by two shopkeepers L and M in 5 months.



J1 = The value of average number of calculators sold by L in all the months.

J2 = The difference between the total number of calculators sold by L and M.

What is the value of $(J2/J1)$?

- Ans**
- ☒ 1. 1
 - ☒ 2. 326
 - ☒ 3. 125
 - ☒ 4. 0

Question ID : 264330128013
Status : Answered
Chosen Option : 4

Q.2 On selling of 18 pens at Rs.360, there is a loss equal to the cost of 3 pens. What is the cost price of a pen?

- Ans**
- ☒ 1. Rs.10
 - ☒ 2. Rs.12
 - ☒ 3. Rs.24
 - ☒ 4. Rs.20

Question ID : 264330128445
Status : Answered
Chosen Option : 3

Q.3 Two circles of radius of 21 cm each intersect each other such that each passes through the centre of the other. What is the length of the common chord?

- Ans**
- ☒ 1. $18\sqrt{3}$ cm
 - ☒ 2. 42 cm
 - ☒ 3. 27 cm
 - ☒ 4. $21\sqrt{3}$ cm

Question ID : 264330128074
Status : Answered
Chosen Option : 4

Q.4 Speed of a train is 30 percent more than the speed of a car. Both start from point P at the same time and reach point Q at the same time. P and Q are 130 km apart from each other. On the way train stops for 30 minutes at a station. What is the speed of the train?

- Ans**
- ☒ 1. 78 km/hr
 - ☒ 2. 72 km/hr
 - ☒ 3. 60 km/hr
 - ☒ 4. 70 km/hr

Question ID : 264330128065
Status : Answered
Chosen Option : 1

Q.5 If $5x + y = 17$ and $xy = 6$, then what is the value of $125x^3 + y^3$?

- Ans
- ☒ 1. 3383
 - ☐ 2. 1530
 - ☐ 3. 3183
 - ☐ 4. 4913

Question ID : 264330128454
Status : Answered
Chosen Option : 1

Q.6 What is the value of $(\sec A - \tan A + 1)(\sec A - \tan A - 1)$?

- Ans
- ☐ 1. $(1 + \tan A)$
 - ☒ 2. $2 \tan A (\tan A - \sec A)$
 - ☐ 3. $2 \tan A$
 - ☐ 4. $2 \sec A$

Question ID : 264330128083
Status : Answered
Chosen Option : 2

Q.7 What is the value of $a^2 + b^2 + c^2 - 2ab - 2bc + 2ca$?

- Ans
- ☐ 1. $(a - b - c)^2$
 - ☐ 2. $(a + b - c)^2$
 - ☐ 3. $(a + b + c)^2$
 - ☒ 4. $(a - b + c)^2$

Question ID : 264330128077
Status : Answered
Chosen Option : 4

Q.8 How many composite numbers are there between 23 and 43?

- Ans
- ☐ 1. 7
 - ☐ 2. 14
 - ☒ 3. 15
 - ☐ 4. 18

Question ID : 264330128230
Status : Answered
Chosen Option : 3

Q.9 P invested Rs. 4000 for one year. Q joined him with an investment of Rs. 6000 after few months. If at the end of one year the ratio of profits of P and Q is 4 : 3, then Q joined after how many months?

- Ans**
- ☐ 1. 4 months
 - ☐ 2. 3 months
 - ☐ 3. 8 months
 - ☒ 4. 6 months

Question ID : 264330128071
Status : **Answered**
Chosen Option : 4

Q.10 A person lent Rs. 12,000 to B for 3 years and Rs. 10,000 to C for 4 years on simple interest at the same rate of interest and received Rs. 6,080 in all from both of them as interest. What is the annual rate of interest?

- Ans**
- ☐ 1. 15 percent
 - ☒ 2. 8 percent
 - ☐ 3. 11 percent
 - ☐ 4. 5 percent

Question ID : 264330127997
Status : **Answered**
Chosen Option : 2

Q.11 10 women do half of the total work in 20 days. How many more women will be required to complete the remaining work in 10 days?

- Ans**
- ☐ 1. 30
 - ☐ 2. 40
 - ☐ 3. 20
 - ☒ 4. 10

Question ID : 264330127989
Status : **Answered**
Chosen Option : 4

Q.12 Average of the marks of 132 students of a college is 50. If the average of the marks of the passed students is 55 and the average of the marks of the failed students is 35, then what will be the respective ratio of the total marks of passed students and the total marks of failed students?

- Ans**
- ☐ 1. 1 : 3
 - ☐ 2. 11 : 7
 - ☒ 3. 33 : 7
 - ☐ 4. 21 : 8

Question ID : 264330128067
Status : **Answered**
Chosen Option : 3

Q.13 $\triangle PQR$ is a right angled triangle. $\angle Q = 90$ degree, $PQ = 9$ cm and $QR = 11$ cm. What is the value of $\cot P$?

Ans

- ✓ 1. $\frac{9}{11}$
✗ 2. $\frac{11}{9}$
✗ 3. $\frac{9}{\sqrt{202}}$
✗ 4. $\frac{\sqrt{202}}{9}$

Question ID : 264330127782

Status : Answered

Chosen Option : 1

Q.14 If the radius of a sphere is thrice than the radius of a hemisphere, then what will be the respective ratio of their volumes?

Ans

- ✗ 1. 27 : 1
✗ 2. 16 : 1
✓ 3. 54 : 1
✗ 4. 18 : 1

Question ID : 264330128066

Status : Answered

Chosen Option : 3

Q.15 Angle subtended by a chord on the major arc of a circle is 65 degree. What is the angle subtended by the same chord on the centre of this circle?

Ans

- ✓ 1. 130 degree
✗ 2. 125 degree
✗ 3. 90 degree
✗ 4. 65 degree

Question ID : 264330128273

Status : Answered

Chosen Option : 1

Q.16 If $\tan \theta + \cot \theta = 8$, then what is the value of $\tan^2 \theta + \cot^2 \theta$?

Ans

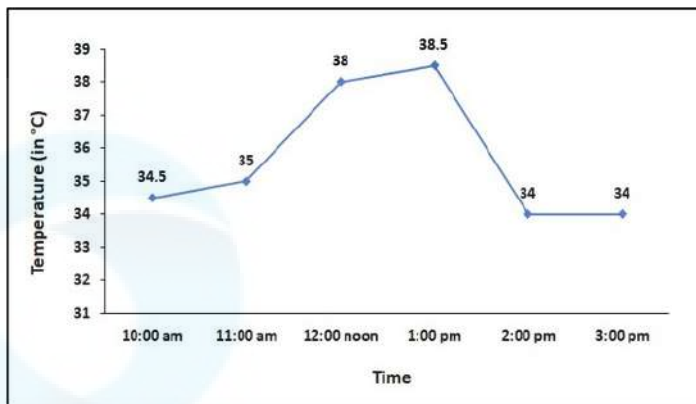
- ✗ 1. 36
✗ 2. 64
✓ 3. 62
✗ 4. 16

Question ID : 264330128459

Status : Answered

Chosen Option : 3

- Q.17** The following line graph shows the body temperature of a patient every hour in a hospital.
At what time the body temperature of the patient is the highest?



- Ans**
- ☒ 1. 12 noon
 - ☒ 2. 1 pm
 - ☒ 3. 10 am
 - ☒ 4. 11 am

Question ID : 264330128462
Status : Answered
Chosen Option : 2

- Q.18** A cycle listed at Rs.20,000 is sold to a retailer at Rs.14,000 after a discount. What is the percent discount given to retailer?

- Ans**
- ☒ 1. 30 percent
 - ☒ 2. 20 percent
 - ☒ 3. 40 percent
 - ☒ 4. 10 percent

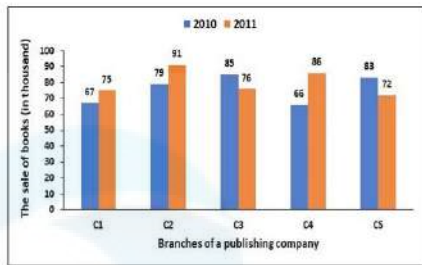
Question ID : 264330128443
Status : Answered
Chosen Option : 1

- Q.19** Radius of incircle of an equilateral triangle is $9\sqrt{3}$. What will be the perimeter of this equilateral triangle?

- Ans**
- ☒ 1. 81 cm
 - ☒ 2. 162 cm
 - ☒ 3. 108 cm
 - ☒ 4. 54 cm

Question ID : 264330128076
Status : Answered
Chosen Option : 2

Q.20 The bar graph below shows the sale of books (in thousand) has been given in two consecutive years of 2010 and 2011 of five branches of a publishing company. Find the ratio of total sales in the two years of branch C2 to the total sales in both years of branch C4 ?



- Ans**
- ☒ 1. 169 : 153
 - ☒ 2. 85 : 76
 - ☒ 3. 153 : 169
 - ☒ 4. 76 : 85

Question ID : 264330128585
Status : Answered
Chosen Option : 2

Q.21 If $a^3 = b^3 + 988$ and $a - b = 4$, then what is the value of $2a^2 + 2ab + 2b^2$?

- Ans**
- ☒ 1. 516
 - ☒ 2. 494
 - ☒ 3. 500
 - ☒ 4. 247

Question ID : 264330127853
Status : Answered
Chosen Option : 2

Q.22 What is the sum of the largest and the smallest of the given fractions?

$$\frac{6}{5}, \frac{11}{15}, \frac{4}{7}, \frac{5}{13}$$

- Ans**
- ☒ 1. 97/65
 - ☒ 2. 61/65
 - ☒ 3. 94/65
 - ☒ 4. 103/65

Question ID : 264330128081
Status : Answered
Chosen Option : 4

Q.23 AB is the chord of a circle and O is the center of a circle. $\angle AOB = 130$ degree. What is the angle subtended by the same chord in the major segment of the circle?

- Ans**
- ☒ 1. 80 degree
 - ☒ 2. 55 degree
 - ☒ 3. 65 degree
 - ☒ 4. 60 degree

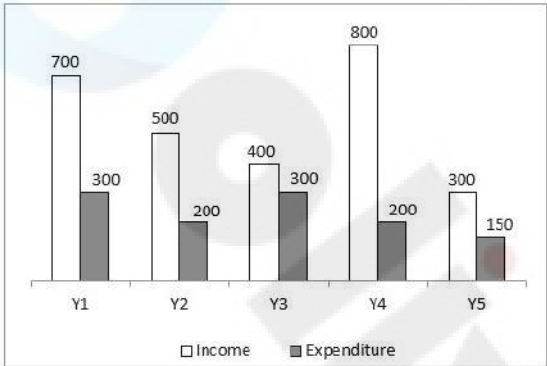
Question ID : 264330127773
Status : Answered
Chosen Option : 3

Q.24 Rajiv scored 20 percent marks in an exam and failed by 25 marks. If he scores 50 percent marks, then he gets 20 marks more than passing marks. What is the passing marks for the exam?

- Ans
- ☒ 1. 40
 - ☒ 2. 35
 - ☒ 3. 55
 - ☒ 4. 45

Question ID : 264330128069
Status : Answered
Chosen Option : 3

Q.25 The bar graph given below shows the income and expenditure of a company in five years.



Saving = Income – Expenditure

In which of the year savings are minimum?

- Ans
- ☒ 1. Y5
 - ☒ 2. Y4
 - ☒ 3. Y3
 - ☒ 4. Y2

Question ID : 264330127860
Status : Answered
Chosen Option : 3

Section : General awareness

Q.1 Which of the following pairs of 'disease – duration' is correct?
I. Acute – long duration
II. Chronic – short time

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

Question ID : 264330125169
Status : Answered
Chosen Option : 2

Q.2 Which village in Gujarat was declared as the first round-the-clock solar powered village in India in October 2022?

- Ans**
- ☒ 1. Unai
 - ☒ 2. Waghai
 - ☒ 3. Khavda
 - ☒ 4. Modhera

Question ID : 264330125437
Status : Answered
Chosen Option : 2

Q.3 Where does the East Coast of India lie?

- Ans**
- ☒ 1. Between Eastern Ghats and the Bay of Bengal
 - ☒ 2. Between Maharashtra and Kerala
 - ☒ 3. Between Diu and Kerala
 - ☒ 4. Between Gulf of Cambay and Cape Comorin

Question ID : 264330125445
Status : Answered
Chosen Option : 1

Q.4 Which of the following sports was NOT played at Tokyo Olympics 2020 held in 2021?

- Ans**
- ☒ 1. Cricket
 - ☒ 2. Shooting
 - ☒ 3. Swimming
 - ☒ 4. Surfing

Question ID : 264330125107
Status : Answered
Chosen Option : 1

Q.5 _____ serves as the entry and exit point of a network, as all data coming in or going out of a network must first pass through it in order to use routing paths.

- Ans**
- ☒ 1. Gateway
 - ☒ 2. Bridge
 - ☒ 3. Repeater
 - ☒ 4. Router

Question ID : 264330125533
Status : Answered
Chosen Option : 1

Q.6 Which is the most important festival of Assam?

- Ans**
- ☒ 1. Hornbill Festival
 - ☒ 2. Lumbini Festival
 - ☒ 3. Bihu
 - ☒ 4. Phool Dei

Question ID : 264330124961
Status : Answered
Chosen Option : 3

Q.7 By which of the following process can we separate two miscible liquids?

- Ans ☒ 1. Crystallisation
☒ 2. Sublimation
☒ 3. Distillation
☒ 4. Chromatography

Question ID : 264330125093
Status : Answered
Chosen Option : 1

Q.8 Who is the first athlete to represent India in fencing at Tokyo Olympics 2020 held in 2021?

- Ans ☒ 1. Bhavani Devi
☒ 2. P.V. Sindhu
☒ 3. PT Usha
☒ 4. Aditi Ashok

Question ID : 264330125481
Status : Answered
Chosen Option : 1

Q.9 Mita performs "Ghoomar" at her school's annual function. Which state does this dance form originate from?

- Ans ☒ 1. Gujarat
☒ 2. Punjab
☒ 3. Odisha
☒ 4. Rajasthan

Question ID : 264330125660
Status : Answered
Chosen Option : 4

Q.10 Law of Demand states that, there is a negative relationship between _____.

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

Question ID : 264330125165
Status : Answered
Chosen Option : 1

Q.11 Which law is also known as the law of inertia?

- Ans ☒ 1. Archimedes principle
☒ 2. Newton's First law of motion
☒ 3. Newton's Second law of motion
☒ 4. Kepler's law

Question ID : 264330125167
Status : Answered
Chosen Option : 2

<p>Q.12 Which part of the Indian Constitution is related with the Fundamental rights?</p> <p>Ans <input checked="" type="checkbox"/> 1. II <input checked="" type="checkbox"/> 2. IV <input checked="" type="checkbox"/> 3. III <input checked="" type="checkbox"/> 4. I</p>	<div>Question ID : 264330125553 Status : Answered Chosen Option : 3</div>
<p>Q.13 In September 2022, which state bagged the international tourism award for “Best destination for culture”?</p> <p>Ans <input checked="" type="checkbox"/> 1. West Bengal <input checked="" type="checkbox"/> 2. Kerala <input checked="" type="checkbox"/> 3. Gujarat <input checked="" type="checkbox"/> 4. Uttar Pradesh</p>	<div>Question ID : 264330125162 Status : Answered Chosen Option : 4</div>
<p>Q.14 If ex ante aggregate demand and ex ante aggregate supply are plotted together in a graphical diagram, then at which point equilibrium will be reached?</p> <p>Ans <input checked="" type="checkbox"/> 1. Where ex ante aggregate demand is equal to ex ante aggregate supply <input checked="" type="checkbox"/> 2. Where ex ante aggregate demand is zero <input checked="" type="checkbox"/> 3. Where ex ante aggregate demand is less than ex ante aggregate supply <input checked="" type="checkbox"/> 4. Where ex ante aggregate demand is more than ex ante aggregate supply</p>	<div>Question ID : 264330125091 Status : Answered Chosen Option : 1</div>
<p>Q.15 The concept of “Procedure Established by Law” in the Indian constitution is borrowed from which of the following countries?</p> <p>Ans <input checked="" type="checkbox"/> 1. Britain <input checked="" type="checkbox"/> 2. France <input checked="" type="checkbox"/> 3. Japan <input checked="" type="checkbox"/> 4. United States of America</p>	<div>Question ID : 264330125179 Status : Answered Chosen Option : 4</div>
<p>Q.16 What is the theme of “Digital India Week 2022”?</p> <p>Ans <input checked="" type="checkbox"/> 1. Green India, Clean India <input checked="" type="checkbox"/> 2. India's Digital Start ups <input checked="" type="checkbox"/> 3. From Global to local <input checked="" type="checkbox"/> 4. Catalyzing New India's Techade</p>	<div>Question ID : 264330125088 Status : Answered Chosen Option : 2</div>

Q.17 "Kavach" system introduced by Indian Railways is a/an _____.

- Ans ☒ 1. Insurance scheme for passengers
☒ 2. System to increase the speed of the trains
☒ 3. Automatic Train Protection System
☒ 4. Automatic crossing system

Question ID : 264330125089
Status : Answered
Chosen Option : 3

Q.18 Who is the author of the book 'The 7 Sins of Being a Mother'?

- Ans ☒ 1. Twinkle Khanna
☒ 2. Tahira Kashyap Khurrana
☒ 3. Alia Bhatt
☒ 4. Kareena Kapoor

Question ID : 264330125102
Status : Answered
Chosen Option : 1

Q.19 Which of the following pair of country – name of grassland is correct?

- I. Argentina – Pampas
II. Brazil – Steppe

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

Question ID : 264330125098
Status : Answered
Chosen Option : 4

Q.20 Sher Khan defeated Humayun at Kanauj in the year _____.

- Ans ☒ 1. 1540
☒ 2. 1555
☒ 3. 1535
☒ 4. 1530

Question ID : 264330125174
Status : Answered
Chosen Option : 1

Q.21 Majuli is a river island in the Brahmaputra River in which of the following states of India?

- Ans ☒ 1. Arunachal Pradesh
☒ 2. Sikkim
☒ 3. Manipur
☒ 4. Assam

Question ID : 264330125547
Status : Answered
Chosen Option : 4

Q.22 Who among the following started the Kuka Movement?

- Ans ☒ 1. Thakur Singh Sandhawalia
☒ 2. Baba Dayal Das
☒ 3. Balak Singh
☒ 4. Satguru Ram Singh

Question ID : 264330125550
Status : Answered
Chosen Option : 3

Q.23 Which of the following factors of soil formation determines the accumulation of the soil?

- Ans ☒ 1. Fauna
☒ 2. Flora
☒ 3. Relief
☒ 4. Parent rock

Question ID : 264330125170
Status : Answered
Chosen Option : 2

Q.24 What is the total number of medals won by India in 2020 Tokyo Olympic Games?

- Ans ☒ 1. 6
☒ 2. 10
☒ 3. 8
☒ 4. 7

Question ID : 264330124955
Status : Answered
Chosen Option : 4

Q.25 Which of the following shortcut key is used add a new blank slide to an existing presentation of MS-PowerPoint 365?

- Ans ☒ 1. Ctrl + N
☒ 2. Ctrl + Alt + M
☒ 3. Ctrl + M
☒ 4. Ctrl + Alt + N

Question ID : 264330125159
Status : Answered
Chosen Option : 4