

Combined Higher Secondary Level Examination Tier I 2022

Roll Number	
Candidate Name	
Venue Name	
Exam Date	20/03/2023
Exam Time	5:15 PM - 6:15 PM
Subject	CHSL Exam 2022 Tier I

Section : English Language

Q.1 Rearrange the parts of the sentence in correct order.
As global
P. electricity generation is expected to
Q. significantly to maintain its current share of the mix
R. double over the next three decades, nuclear power
S. generating capacity would need to expand

- Ans ☒ 1. PRSQ
☒ 2. QSPR
☒ 3. PQSR
☒ 4. SQPR

Question ID : 264330124351
Status : Answered
Chosen Option : 1

Q.2 Select the correct passive form of the given sentence.
My father fixed the computer easily.

- Ans ☒ 1. The computer was fixed by my father easily.
☒ 2. The computer is fixed by my father easily.
☒ 3. The computer was fix by my father easily.
☒ 4. The computer fixed by my father easily.

Question ID : 264330124367
Status : Answered
Chosen Option : 1

Q.3 In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
To take the veil

- Ans ☒ 1. To help someone
☒ 2. To become a nun
☒ 3. To take a responsibility
☒ 4. To show interest

Question ID : 264330124384
Status : Answered
Chosen Option : 3

Q.4 Choose the correctly spelt word.

- Ans ☒ 1. Gregareous
☒ 2. Emphatic
☒ 3. Liberanian
☒ 4. Gangstar

Question ID : 264330125986
Status : Answered
Chosen Option : 2

Q.5 Select the most appropriate antonym of the given word.
ABSOLUTE

- Ans ☒ 1. SHEER
☒ 2. OUTRIGHT
☒ 3. INCOMPLETE
☒ 4. PURE

Question ID : 264330125773
Status : Answered
Chosen Option : 3

Q.6 Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Personal care products can also been made from agricultural ingredients, such as flower or fruit extracts and oils.

- Ans ☒ 1. such as flower or fruit extracts and oils.
☒ 2. Personal care products can
☒ 3. No error
☒ 4. also been made from agricultural ingredients,

Question ID : 264330124370
Status : Answered
Chosen Option : 4

Q.7 Select the most appropriate option to fill in the blank.
Sometimes, even one good _____ can make a big impact on both the person doing it and the person receiving it.

- Ans ☒ 1. deal
☒ 2. dwell
☒ 3. drill
☒ 4. deed

Question ID : 264330124781
Status : Answered
Chosen Option : 4

Q.8 Choose the incorrectly spelt word.

- Ans ☒ 1. DEBUCHERY
☒ 2. DUBIOUS
☒ 3. MALIGNANT
☒ 4. CONSCIENCE

Question ID : 264330125985
Status : Answered
Chosen Option : 1

Q.9 Select the word that is closest in meaning (SYNONYM) to the word given below.
Wallow

- Ans ☒ 1. Straighten
☒ 2. Rise
☒ 3. Flounder
☒ 4. Steady

Question ID : 264330125990
Status : Answered
Chosen Option : 3

Q.10 Some parts of a paragraph have been jumbled up, and labelled A, B, C and D. Select the option that gives the correct sequence in which these parts can be rearranged to form a meaningful and grammatically correct paragraph.

Carts: carts have two solid wheels.

A. The triangles are distributed in three concentric circles.

B. The wheels are decorated with triangles made of copper.

C. The chassis of the two carts are made of wood and covered with thick copper sheets.

D. The wheels rotated on a fixed axle linked by a shaft to the yoke.

The concentric circles start from the hub flange of the wheel.

- Ans
- ☒ 1. BADC
 - ☒ 2. CBAD
 - ☒ 3. ABCD
 - ☒ 4. DCBA

Question ID : 264330125978

Status : Answered

Chosen Option : 1

Q.11 Select the word that is closest in meaning (SYNONYM) to the word given below.
Famine

- Ans
- ☒ 1. Drought
 - ☒ 2. Feast
 - ☒ 3. Abundance
 - ☒ 4. Plenty

Question ID : 264330125989

Status : Answered

Chosen Option : 1

Q.12 Fill in the blank with the most suitable word.
The machine can be _____ to deliver a certain number of coins.

- Ans
- ☒ 1. met
 - ☒ 2. abet
 - ☒ 3. slashed
 - ☒ 4. set

Question ID : 264330125939

Status : Answered

Chosen Option : 4

Q.13 Choose the word that can substitute the given group of words.
Study of body functions

- Ans
- ☒ 1. Genealogy
 - ☒ 2. Physiology
 - ☒ 3. Psychology
 - ☒ 4. Astrology

Question ID : 264330124101

Status : Answered

Chosen Option : 3

Q.14 Fill in the blank with an appropriate option.
The sun _____ directly in the east and sets directly in the west.

- Ans ☒ 1. rises
☒ 2. sums
☒ 3. expands
☒ 4. elevates

Question ID : 264330124469
Status : Answered
Chosen Option : 1

Q.15 Given below are four jumbled sentences. Pick the option that gives their correct order.
P. The Spanish flu, also known as the 1918 flu pandemic, was a deadly pandemic in recent history.
Q. It spread worldwide during the year 1918-1919.
R. The virus infected 500 million people – about a third of the world's population at the time.
S. The death toll was estimated to be at least 50 million worldwide, possibly as high as 100 million this makes it the severest pandemic in human history.

- Ans ☒ 1. PQRS
☒ 2. PRSQ
☒ 3. PSRQ
☒ 4. SRPQ

Question ID : 264330125925
Status : Answered
Chosen Option : 1

Q.16 Parts of the following sentence are given as options. Identify the part that contains a grammatical error. If there is no error, select 'No error'.
And so for the sakes / of his son he remained, / absolutely calm.

- Ans ☒ 1. absolutely calm
☒ 2. No error
☒ 3. of his son he remained,
☒ 4. And so for the sakes

Question ID : 264330125969
Status : Answered
Chosen Option : 4

Q.17 Choose the option that is the correct indirect form of the sentence.
Ravi said, "I may sell this tie."

- Ans ☒ 1. Ravi said that he may sell that tie.
☒ 2. Ravi said that he might sell that tie.
☒ 3. Ravi said that I might sell that tie.
☒ 4. Ravi said that he should sell this tie.

Question ID : 264330125968
Status : Answered
Chosen Option : 2

Q.18 Fill in the blank with an appropriate option.
A group of Googlers get together regularly to _____ and decide which events will be celebrated with a doodle.

- Ans** ☒ 1. brainstorm
 ☒ 2. discredit
 ☒ 3. relief
 ☒ 4. salute

Question ID : 264330124626
Status : Answered
Chosen Option : 3

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

- Ans** ☒ 1. Concealment
 ☒ 2. Arraign
 ☒ 3. Apart
 ☒ 4. Concurrent

Question ID : 264330124520
Status : Not Answered
Chosen Option : --

Q.20 Select the most appropriate meaning of the given idiom.
To the manner born

- Ans** ☒ 1. To have high manners
 ☒ 2. To do something as though it is coming naturally
 ☒ 3. To be sophisticated
 ☒ 4. To give a ride to someone

Question ID : 264330125983
Status : Answered
Chosen Option : 3

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.
Krishna helped my husbands create a strategy. They (1) _____ by killing Jarasandha, the most feared (2) _____ of the time—and incidentally, a long time enemy of Krishna. (3) _____ released the many kings Jarasandha had imprisoned in his labyrinths and gave them back (4) _____ kingdoms. This made my husband so popular that (5) _____ they went after that, they were greeted with friendship.

SubQuestion No : 21

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

- Ans** ☒ 1. commence
 ☒ 2. begun
 ☒ 3. began
 ☒ 4. initiate

Question ID : 264330125972
Status : Answered
Chosen Option : 3

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.
Krishna helped my husbands create a strategy. They (1) _____ by killing Jarasandha, the most feared (2) _____ of the time—and incidentally, a long time enemy of Krishna. (3) _____ released the many kings Jarasandha had imprisoned in his labyrinths and gave them back (4) _____ kingdoms. This made my husband so popular that (5) _____ they went after that, they were greeted with friendship.

SubQuestion No : 22

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

- Ans** ☒ 1. ruler
 ☒ 2. dominion
 ☒ 3. rule
 ☒ 4. sovereignty

Question ID : 264330125973
Status : Answered
Chosen Option : 1

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.
Krishna helped my husbands create a strategy. They (1) _____ by killing Jarasandha, the most feared (2) _____ of the time—and incidentally, a long time enemy of Krishna. (3) _____ released the many kings Jarasandha had imprisoned in his labyrinths and gave them back (4) _____ kingdoms. This made my husband so popular that (5) _____ they went after that, they were greeted with friendship.

SubQuestion No : 23

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

- Ans** ☒ 1. They then
 ☒ 2. Their after they
 ☒ 3. They kept
 ☒ 4. Then after they

Question ID : 264330125974
Status : Answered
Chosen Option : 1

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.
Krishna helped my husbands create a strategy. They (1) _____ by killing Jarasandha, the most feared (2) _____ of the time—and incidentally, a long time enemy of Krishna. (3) _____ released the many kings Jarasandha had imprisoned in his labyrinths and gave them back (4) _____ kingdoms. This made my husband so popular that (5) _____ they went after that, they were greeted with friendship.

SubQuestion No : 24

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

- Ans** ☒ 1. their
 ☒ 2. whose
 ☒ 3. there
 ☒ 4. that

Question ID : 264330125975
Status : Answered
Chosen Option : 1

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.
Krishna helped my husbands create a strategy. They (1) _____ by killing Jarasandha, the most feared (2) _____ of the time—and incidentally, a long time enemy of Krishna. (3) _____ released the many kings Jarasandha had imprisoned in his labyrinths and gave them back (4) _____ kingdoms. This made my husband so popular that (5) _____ they went after that, they were greeted with friendship.

SubQuestion No : 25

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

- Ans ☒ 1. if at all
☒ 2. whichever
☒ 3. when if
☒ 4. wherever

Question ID : 264330125976

Status : Answered

Chosen Option : 4

Section : General Intelligence

Q.1 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)

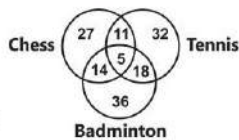
- Ans ☒ 1. 11 – 1331
☒ 2. 12 – 1728
☒ 3. 16 – 4086
☒ 4. 13 – 2197

Question ID : 264330127670

Status : Answered

Chosen Option : 3

Q.2 Study the given diagram carefully and answer the questions. The numbers in different sections indicate the number of persons good at the given sport.



How many people are good at exactly two sports?

- Ans ☒ 1. 43
☒ 2. 38
☒ 3. 48
☒ 4. 11

Question ID : 264330127488

Status : Answered

Chosen Option : 1

Q.3 The total ages of Sweta, Damini and Supriya is 56 years. What was the total of their ages 3 years ago?

- Ans ☒ 1. 51 years
☒ 2. 53 years
☒ 3. 43 years
☒ 4. 47 years

Question ID : 264330127439
Status : Answered
Chosen Option : 4

Q.4 Select the option in which the numbers shares the same relationship in set as that shared by the numbers in the given set.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits.
E.g.13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)
(12, 24, 72)
(14, 28, 84)

- Ans ☒ 1. (20, 40, 160)
☒ 2. (24, 72, 216)
☒ 3. (16, 32, 96)
☒ 4. (18, 36, 118)

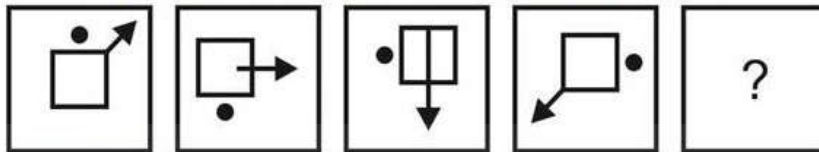
Question ID : 264330126867
Status : Answered
Chosen Option : 3

Q.5 Select the combination of letters that when sequentially placed in the blanks of the given letter series will complete the series.
ab_ absa_ sab_

- Ans ☒ 1. asb
☒ 2. aab
☒ 3. sbs
☒ 4. bbs

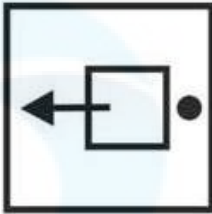
Question ID : 264330127676
Status : Answered
Chosen Option : 3

Q.6 Select the figure that will come next in the following figure series.

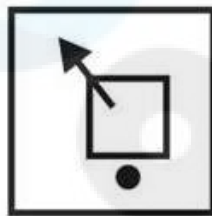


Ans

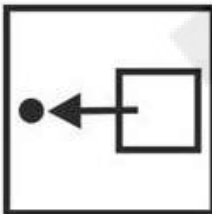
✗ 1.



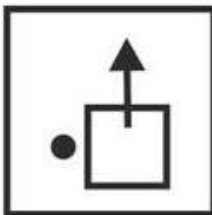
✓ 2.



✗ 3.

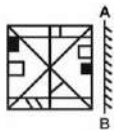


✗ 4.



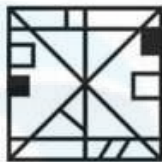
Question ID : 264330127683
Status : Answered
Chosen Option : 2

Q.7 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?

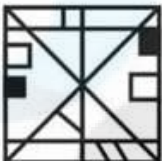


Ans

✓ 1.



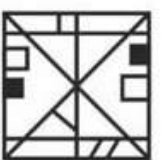
✗ 2.



✗ 3.



✗ 4.



Question ID : 264330126937

Status : Answered

Chosen Option : 1

Q.8 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statement I: No food is water.

Statement II: All food are snacks.

Conclusion I: No water is a snack.

Conclusion II: All water can be snacks.

Ans

✗ 1. Only I follows

✗ 2. Both I and II follows

✓ 3. Only II follows

✗ 4. Neither I nor II follows

Question ID : 264330127681

Status : Marked For Review

Chosen Option : 3

Q.9 Which of the following numbers will replace the question mark (?) in the given series?
1, 2, 6, 21, ?, 445, 2676

- Ans
- ☒ 1. 221
 - ☒ 2. 76
 - ☒ 3. 110
 - ☒ 4. 88

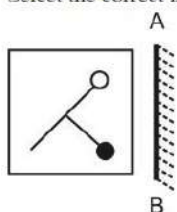
Question ID : 264330127444
Status : Answered
Chosen Option : 4

Q.10 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.
196 : 2 :: 784 : 4 :: 3136 : ?

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

Question ID : 264330127466
Status : Answered
Chosen Option : 2

Q.11 Select the correct mirror image of the given figure when the mirror is placed to its right side.



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 264330127387
Status : Answered
Chosen Option : 3

Q.12 In a certain code language if SUNSET is written as TVOTFU, how will SUNRISE be written in the same code language?

- Ans ☒ 1. TVOSFTJ
☒ 2. TOVSJTF
☒ 3. TVOSJTF
☒ 4. TVOSTJF

Question ID : 264330127672
Status : Answered
Chosen Option : 3

Q.13 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.
Army : Soldiers :: Shoal : ?

- Ans ☒ 1. Sheep
☒ 2. Bouquet
☒ 3. Fish
☒ 4. Players

Question ID : 264330126875
Status : Answered
Chosen Option : 3

Q.14 In the following question, select the odd word pair from the given alternatives.

- Ans ☒ 1. Child – Man
☒ 2. Lamb – Frog
☒ 3. Kitten – Cat
☒ 4. Cub – Lion

Question ID : 264330127055
Status : Answered
Chosen Option : 2

Q.15 If Penny is the mother of the daughter of Charlie's brother, then how is Penny related to Charlie?

- Ans ☒ 1. Sister
☒ 2. Brother's wife
☒ 3. Daughter-in-law
☒ 4. Mother

Question ID : 264330127677
Status : Answered
Chosen Option : 2

Q.16 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)
(529, 36, 324)
(49, 144, 100)

Ans ☒ 1. (289, 4, 1024)

☒ 2. (9, 256, 334)

☒ 3. (100, 144, 179)

☒ 4. (121, 47, 324)

Question ID : 264330127668
Status : Answered
Chosen Option : 1

Q.17 If in a coding system EDEKA is coded as 54521, then how will AORBG be coded in the same coding system?

Ans ☒ 1. 16927

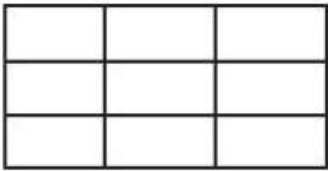
☒ 2. 19672

☒ 3. 16279

☒ 4. 17269

Question ID : 264330127673
Status : Answered
Chosen Option : 1

Q.18 Find the total number of rectangles in the figure.



Ans ☒ 1. 31

☒ 2. 29

☒ 3. 28

☒ 4. 36

Question ID : 264330127484
Status : Answered
Chosen Option : 4

Q.19 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster.

Ans ☒ 1. KIO

☒ 2. DEH

☒ 3. WXA

☒ 4. NOR

Question ID : 264330127679
Status : Answered
Chosen Option : 1

Q.20 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.
STYE : UVAE :: ELSE : ENUE :: MINE : ?

- Ans ☒ 1. PINE
☒ 2. OIPE
☒ 3. MJPE
☒ 4. MIJO

Question ID : 264330127449
Status : Answered
Chosen Option : 2

Q.21 Arrange the given words in the sequence in which they occur in the dictionary.
1. Gain
2. Gaiter
3. Gainsay
4. Gaiety
5. Gauge

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

Question ID : 264330127046
Status : Answered
Chosen Option : 4

Q.22 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.

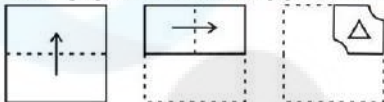
Question ID : 264330127187
Status : Answered
Chosen Option : 2

Q.23 Select the word pair in which the words are related in the same way as the words are related in the following pair.
Nib : Pen

- Ans ☒ 1. Tyre : Round
☒ 2. Car : Seat
☒ 3. Room : House
☒ 4. Triangle : Three

Question ID : 264330127678
Status : Answered
Chosen Option : 3

Q.24 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 : 264330127536
Status : Answered
Chosen Option : 1

Q.25 By Interchanging the given two numbers (not digits) which of the following equation will be correct?
5 and 7

- I. $4 \times 7 + 8 \div 2 - 5 = 14$
II. $7 + 6 \times 4 - 5 \div 3 = 22$

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

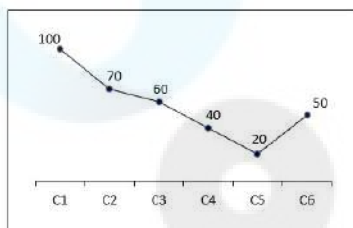
Question ID : 264330127240
Status : Answered
Chosen Option : 4

Q.1 There is a ratio of 10 : 13 between two numbers. If 80 percent of the first is 16, then 50% of the second number is-

- Ans** ☒ 1. 17
☒ 2. 13
☒ 3. 25
☒ 4. 14

Question ID : 264330128671
Status : Answered
Chosen Option : 2

Q.2 The line chart given below shows the production of refrigerator by 6 companies.



What is the ratio of production of refrigerator by company C1 to the production of refrigerator by company C6?

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

Question ID : 264330128063
Status : Answered
Chosen Option : 2

Q.3 The table given below shows the cost price and selling price of four articles.

Articles	Cost price	Selling price
D	550	450
E	750	700
F	650	450
G	950	650

The total cost price of D, E and F is what percent of the total selling price of E, F and G?

- Ans** ☒ 1. 118.37 percent
☒ 2. 105.37 percent
☒ 3. 101.33 percent
☒ 4. 108.33 percent

Question ID : 264330127885
Status : Answered
Chosen Option : 4

Q.4 Find the value of $\sec\theta \times \sqrt{1 - \sin^2\theta}$.

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

Question ID : 264330128683
Status : Answered
Chosen Option : 4

Q.5 If $3 \tan \theta = 5 \sin \theta$, then what is the value of $\cos \theta$?

- Ans
- ☒ 1. $4/3$
 - ☒ 2. $4/5$
 - ☒ 3. $3/5$
 - ☒ 4. $1/3$

Question ID : 264330128082
Status : Answered
Chosen Option : 3

Q.6 The average age of Abhay, his wife and their child 6 years ago was 42 years and that of his wife and their child 8 years ago was 30 years. Find the present age of Abhay.

- Ans
- ☒ 1. 68 years
 - ☒ 2. 63 years
 - ☒ 3. 64 years
 - ☒ 4. 66 years

Question ID : 264330128667
Status : Answered
Chosen Option : 1

Q.7 If 73A215 is divisible by 11 and 56B26 is divisible by 9, then what is the value of $A + B$?

- Ans
- ☒ 1. 10
 - ☒ 2. 9
 - ☒ 3. 11
 - ☒ 4. 7

Question ID : 264330128255
Status : Answered
Chosen Option : 1

Q.8 If $(p+q) = 5$ and $pq = 18$, then what is the value of $p^3 + q^3$?

- Ans
- ☒ 1. -270
 - ☒ 2. 125
 - ☒ 3. -145
 - ☒ 4. 135

Question ID : 264330128453
Status : Answered
Chosen Option : 3

Q.9 Simplify: $60\% \text{ of } 870 - \sqrt{1444} + 18 \times 19$

- Ans ☒ 1. 826
☐ 2. 842
☐ 3. 786
☐ 4. 700

Question ID : 264330128681
Status : Answered
Chosen Option : 1

Q.10 If $70\% \text{ of } (x - y) = 30\% \text{ of } (x + y)$, then what percent of x is y ?

- Ans ☐ 1. 20%
☐ 2. 50%
☒ 3. 40%
☐ 4. 30%

Question ID : 264330128669
Status : Answered
Chosen Option : 3

Q.11 If radius of a circle is increased by 10% , then its area would increase by:

- Ans ☐ 1. 100%
☐ 2. 20%
☒ 3. 21%
☐ 4. 19%

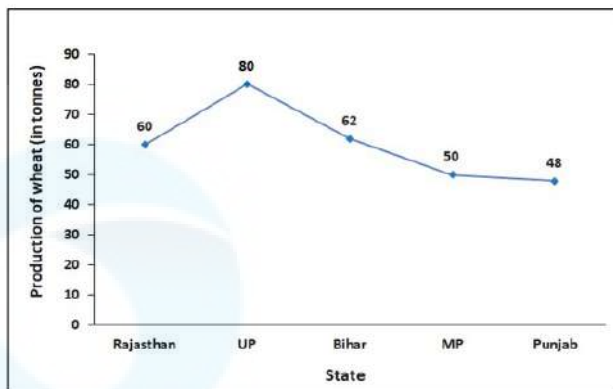
Question ID : 264330128674
Status : Answered
Chosen Option : 3

Q.12 If $(a + b)^2 = 100$ and $ab = 25$ then find the value of $(a - b)$.

- Ans ☐ 1. 20
☐ 2. 25
☒ 3. 0
☐ 4. 10

Question ID : 264330128677
Status : Answered
Chosen Option : 3

- Q.13** The following line graph shows the production of wheat in five different states in the year 2020.
What is the average production of wheat in these five states in the year 2020?



- Ans ☒ 1. 60 tonnes
☒ 2. 70 tonnes
☒ 3. 57 tonnes
☒ 4. 50 tonnes

Question ID : 264330128487
Status : Answered
Chosen Option : 1

- Q.14** If $x = -2$ and $y = 1$, then what is the value of $\left(\frac{4}{x} + y\right)\left(\frac{16}{x^2} + y^2 - \frac{4y}{x}\right)$?

- Ans ☒ 1. -5
☒ 2. 7
☒ 3. -7
☒ 4. 5

Question ID : 264330128479
Status : Answered
Chosen Option : 3

- Q.15** In a right-angled triangle if the longest side is 26 cm and one of the other sides is 24 cm, find the length of the third side.

- Ans ☒ 1. 20 cm
☒ 2. 18 cm
☒ 3. 12 cm
☒ 4. 10 cm

Question ID : 264330128676
Status : Answered
Chosen Option : 4

- Q.16** Angle subtended by a chord PQ on the circumference is 90 degree. If radius of this circle is 15 cm, then what is the length of PQ?

- Ans ☒ 1. 35 cm
☒ 2. 40 cm
☒ 3. 7.5 cm
☒ 4. 30 cm

Question ID : 264330128073
Status : Answered
Chosen Option : 4

Q.17 A cell phone was bought for Rs.18,400 after getting a discount of 8% on its marked price. What is the marked price of the cell phone ?

- Ans**
- ☒ 1. Rs.20,500
 - ☒ 2. Rs.19,000
 - ☒ 3. Rs.19,500
 - ☒ 4. Rs.20,000

Question ID : 264330128468

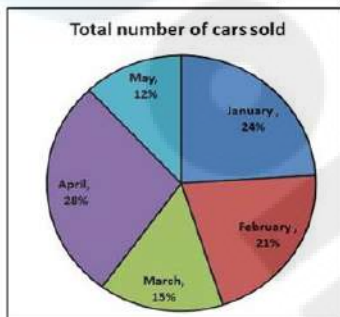
Status : Answered

Chosen Option : 4

Q.18 The pie chart below shows total number of cars sold by a company during five months.

Total number of cars sold in these 5 months is 5400.

Total number of cars sold in January and April is how many more than the number of cars sold in May ?



- Ans**
- ☒ 1. 2258
 - ☒ 2. 2160
 - ☒ 3. 2200
 - ☒ 4. 2100

Question ID : 264330128586

Status : Answered

Chosen Option : 2

Q.19 A sum of Rs.4,000 becomes Rs.4,960 in 4 years at simple interest. If the rate of interest becomes 1.5 times of itself, then how much this sum will become after 4 years?

- Ans**
- ☒ 1. Rs.5,440
 - ☒ 2. Rs.5,680
 - ☒ 3. Rs.5,280
 - ☒ 4. Rs.4,890

Question ID : 264330128047

Status : Answered

Chosen Option : 1

Q.20 A alone can complete a work in 20 days with full efficiency. If the efficiency of A decreases by 20 percent, then A alone can do the same work in how many days?

- Ans
- ☒ 1. 30
 - ☒ 2. 20
 - ☒ 3. 25
 - ☒ 4. 36

Question ID : 264330128039
Status : Answered
Chosen Option : 3

Q.21 What is the time taken by Mohan to cover one round of a circular park of diameter 420 m, if he walks at a speed of 9 km/h ?

- Ans
- ☒ 1. 8.8 minutes
 - ☒ 2. 4.4 minutes
 - ☒ 3. 6.6 minutes
 - ☒ 4. 3.3 minutes

Question ID : 264330128573
Status : Answered
Chosen Option : 1

Q.22 The area of a square is 1156 cm². What is the respective ratio between the length and the breadth of a rectangle whose length is twice the side of the square and whose breadth is 14 cm less than the side of the square?

- Ans
- ☒ 1. 16 : 7
 - ☒ 2. 19 : 5
 - ☒ 3. 17 : 5
 - ☒ 4. 21 : 19

Question ID : 264330128666
Status : Answered
Chosen Option : 3

Q.23 A man can cover a certain distance in 2 hours and 10 minutes if he walks at the rate of 12 km/hr. If he covers the same distance on cycle at the rate of 13 km/hr, then find the time taken by him.

- Ans
- ☒ 1. 90 minutes
 - ☒ 2. 110 minutes
 - ☒ 3. 120 minutes
 - ☒ 4. 115 minutes

Question ID : 264330128665
Status : Answered
Chosen Option : 3

Q.24 What is the value of $\sec 60^\circ + \tan 45^\circ - \sin^2 90^\circ$?

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

Question ID : 264330128482
Status : Answered
Chosen Option : 4

Q.25 Amar buys an old washing machine for Rs.4,500 and spends Rs.500 on its repair. If he sells the washing machine for Rs.4,500, then what is his loss percent ?

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

Question ID : 264330128470
Status : Answered
Chosen Option : 3

Section : General awareness

Q.1 Which of the following statements is NOT correct regarding laterite soil?

- Ans**
- ☒ 1. Red laterite soils in Tamil Nadu, Andhra Pradesh and Kerala are more suitable for crops like cashew nut.
 - ☒ 2. They are generally rich in humus.
 - ☒ 3. This soil is very useful for growing tea and coffee.
 - ☒ 4. The laterite soil develops in areas with high temperature and heavy rainfall.

Question ID : 264330125148
Status : Answered
Chosen Option : 3

Q.2 In which of the following countries was the 2022 Cricket Asia Cup held?

- Ans**
- ☒ 1. United Arab Emirates
 - ☒ 2. Sri Lanka
 - ☒ 3. India
 - ☒ 4. China

Question ID : 264330130292
Status : Answered
Chosen Option : 1

Q.3 Which team won the Vijay Hazare trophy 2021 – 2022?

- Ans**
- ☒ 1. Himachal Pradesh
 - ☒ 2. Karnataka
 - ☒ 3. Tamil Nadu
 - ☒ 4. Mumbai

Question ID : 264330124980
Status : Answered
Chosen Option : 4

Q.4 The total pressure of a mixture of ideal gases is the sum of partial pressures. This is _____ law of partial pressures.

- Ans**
- ☒ 1. Dalton's
 - ☒ 2. Boyles'
 - ☒ 3. Charles'
 - ☒ 4. Avogadro's

Question ID : 264330130278
Status : Answered
Chosen Option : 1

Q.5 Which among the following articles of the Indian constitution deals with the right to equality of opportunity in the matters of public employment?

- Ans ☒ 1. 17
☒ 2. 18
☒ 3. 15
☒ 4. 16

Question ID : 264330125578
Status : Answered
Chosen Option : 4

Q.6 Who among the following is the Union Minister of Law and Justice of India as of October 2022?

- Ans ☒ 1. Kiren Rijju
☒ 2. Raj Kumar Singh
☒ 3. Pralhad Joshi
☒ 4. Bhupender Yadav

Question ID : 264330130290
Status : Answered
Chosen Option : 1

Q.7 Which among the following is Asia's largest freshwater oxbow lake?

- Ans ☒ 1. Wular
☒ 2. Kanwar
☒ 3. Bhojtal
☒ 4. Nakki

Question ID : 264330125572
Status : Answered
Chosen Option : 1

Q.8 Flute instruments comes under which type of instrument category?

- Ans ☒ 1. Ghana Vadya
☒ 2. Sushira Vadya
☒ 3. Avanaddha Vadya
☒ 4. Tata Vadya

Question ID : 264330125261
Status : Not Answered
Chosen Option : --

Q.9 Bhagwant Singh Mann is an Indian politician and current Chief Minister of Punjab. He was formerly a _____.

- Ans ☒ 1. comedian
☒ 2. cricketer
☒ 3. writer
☒ 4. singer

Question ID : 264330125176
Status : Not Answered
Chosen Option : --

Q.10 The important system components like the central processing unit (CPU) and random access memory (RAM) modules are connected directly to the _____.

- Ans ☒ 1. Magnetic Tape
☒ 2. Mother Board
☒ 3. Optical Disk
☒ 4. Flash Memory

Question ID : 264330125558
Status : Answered
Chosen Option : 2

Q.11 When was the Champaran Agrarian Act passed?

- Ans ☒ 1. 1920
☒ 2. 1922
☒ 3. 1918
☒ 4. 1924

Question ID : 264330125575
Status : Answered
Chosen Option : 3

Q.12 Which of the following statements is correct regarding the direct taxes?
I. Levied on taxable income earned by individuals and corporate entities.
II. Gift tax is a type of direct tax.

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

Question ID : 264330125141
Status : Answered
Chosen Option : 1

Q.13 Before writing codes in a high level language, a _____ of a program helps in representing the basic functionality of the intended program.

- Ans ☒ 1. original code
☒ 2. small code
☒ 3. naïve code
☒ 4. pseudocode

Question ID : 264330130270
Status : Not Answered
Chosen Option : --

Q.14 Which of the following pair of "player – sports" is correct?
I. Bajrang Punia – Boxing
II. Yash Dhull – Cricket

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

Question ID : 264330125157
Status : Answered
Chosen Option : 2

Q.15 Which of the following statements is NOT correct regarding sound?

- Ans ☒ 1. Sound can travel through vacuum.
- ☐ 2. In human beings, the vibration of vocal cords produces sound.
- ☐ 3. Unpleasant sounds are called noise.
- ☐ 4. Frequency is expressed in hertz.

Question ID : 264330125143
Status : Answered
Chosen Option : 1

Q.16 The reproduction in yeast happens by the process of _____.

- Ans ☒ 1. Budding
- ☐ 2. Fragmentation
- ☐ 3. Spore formation
- ☐ 4. Fertilisation

Question ID : 264330130280
Status : Answered
Chosen Option : 1

Q.17 PSLV Orbital Experimental Module (POEM) is associated with which organization?

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

Question ID : 264330125138
Status : Answered
Chosen Option : 4

Q.18 Who was professor Prasanta Chandra Mahalanobis?

- Ans ☐ 1. Economist who won a Nobel Prize
- ☐ 2. An artist who painted the painting of Bharat Mata
- ☒ 3. Indian Scientist and Statistician
- ☐ 4. A doctor who invented a new surgical method

Question ID : 264330125139
Status : Answered
Chosen Option : 1

Q.19 The Dronacharya Award was first handed out in 1985, and the first Dronacharya Award winner was _____.

- Ans ☐ 1. Hansa Sharma
- ☐ 2. Karan Singh
- ☒ 3. Bhalchandra Bhaskar Bhagwat
- ☐ 4. Hawa Singh

Question ID : 264330125152
Status : Answered
Chosen Option : 3

Q.20 Surat is also known as _____ of India.

- Ans ☒ 1. Diamond city
- ☐ 2. Blue city
- ☐ 3. Pink City
- ☐ 4. City of Lakes

Question ID : 264330125470
Status : Answered
Chosen Option : 2

Q.21 The northern plains of India are formed up of which soil?

- Ans ☒ 1. Alluvial
- ☐ 2. Peaty
- ☐ 3. Black
- ☐ 4. Laterite

Question ID : 264330125171
Status : Answered
Chosen Option : 1

Q.22 Start Up India Scheme which aims at developing an ecosystem that promotes and nurtures entrepreneurship across the country was launched in _____.

- Ans ☒ 1. 2016
- ☐ 2. 2020
- ☐ 3. 2012
- ☐ 4. 2018

Question ID : 264330130276
Status : Answered
Chosen Option : 1

Q.23 In _____ the Muslim League had moved a resolution demanding "Independent States" for Muslims in the north-western and eastern areas of the country

- Ans ☒ 1. 1940
- ☐ 2. 1942
- ☐ 3. 1946
- ☐ 4. 1935

Question ID : 264330130285
Status : Not Answered
Chosen Option : --

Q.24 Thangka painting style depicts _____ deity.

- Ans ☐ 1. Islamic
- ☒ 2. Buddhist
- ☐ 3. Jewish
- ☐ 4. Hindu

Question ID : 264330125661
Status : Not Answered
Chosen Option : --

Q.25 In India, Who was appointed the new Chief of Defence Staff (CDS) in September 2022?

- Ans
- ☒ 1. Yogendra Dimri
 - ☒ 2. Rana Pratap Kalita
 - ☒ 3. Anil Chauhan
 - ☒ 4. Manoj Mukund Naravane

Question ID : 264330125462
Status : Answered
Chosen Option : 3