



**SSC CHSL TIER – I – Shift - 4 - 20-03-2023**

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## 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. Libermanian

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

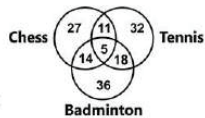
Section : General Intelligence

**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

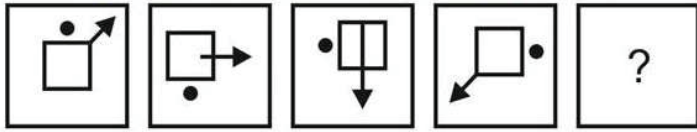
Q.5 Select the combination of letters that when sequentially placed in the blanks of the given letter series will complete the series.  
ab\_ absa\_ sab\_

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

Question ID : 264330127676  
Status : Answered  
Chosen Option : 3

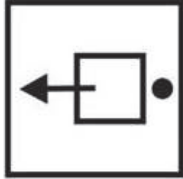


Q.6 Select the figure that will come next in the following figure series.

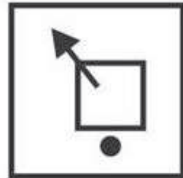


Ans

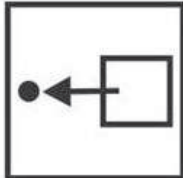
✗ 1.



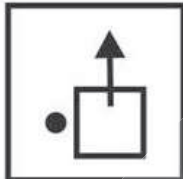
✓ 2.



✗ 3.



✗ 4.



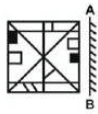
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Question ID : 264330127683

Status : Answered

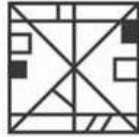
Chosen Option : 2

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?

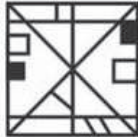


Ans

✓ 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

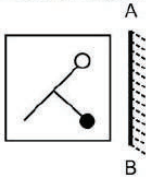
Question ID : 264330127444  
Status : Answered  
Chosen Option : 4

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

- B
- 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)

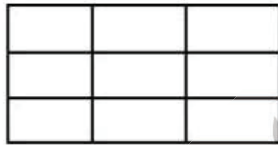
Question ID : 264330127668  
Status : Answered  
Chosen Option : 1

**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.

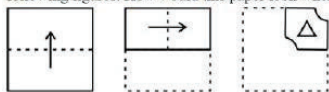
Question ID : 264330127187  
 Status : Answered  
 Chosen Option : 2

**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

Section : Quantitative Aptitude



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-

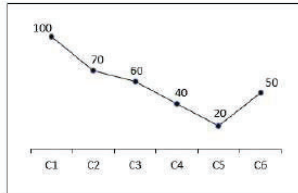
- Ans
- 1. 17
  - 2. 13
  - 3. 25
  - 4. 14

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.  $\frac{4}{3}$
  - 2.  $\frac{4}{5}$
  - 3.  $\frac{3}{5}$
  - 4.  $\frac{1}{3}$

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:  $60\%$  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  $70\%$  of  $(x - y) = 30\%$  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%

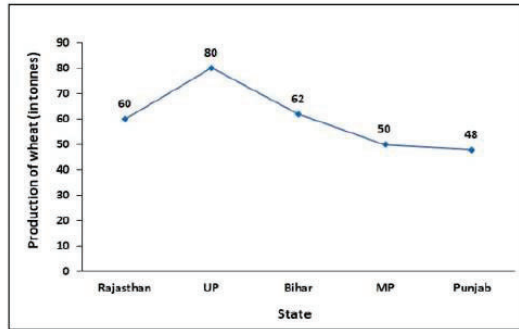
Question ID : 264330128674  
Status : Answered  
Chosen Option : 3

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

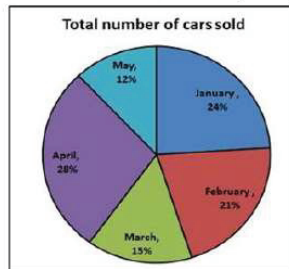
Question ID : 264330128073  
Status : Answered  
Chosen Option : 4

**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 cm<sup>2</sup>. 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. naive 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**



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