

Combined Higher Secondary Level Examination Tier I 2022

|                |                       |
|----------------|-----------------------|
| Roll Number    |                       |
| Candidate Name |                       |
| Venue Name     |                       |
| Exam Date      | 20/03/2023            |
| Exam Time      | 11:45 AM - 12:45 PM   |
| Subject        | CHSL Exam 2022 Tier I |

Section : English Language

Q.1 Choose the word that means the same as the given word.  
Elucidate

- Ans ☒ 1. Exhaust  
☒ 2. Examine  
☒ 3. Oracular  
☒ 4. Explicate

Question ID : 264330124337  
Status : Answered  
Chosen Option : 4

Q.2 In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.  
A beast of burden

- Ans ☒ 1. A liability  
☒ 2. An animal that carries luggage  
☒ 3. A person who works hardy  
☒ 4. A violent man

Question ID : 264330124020  
Status : Answered  
Chosen Option : 1

Q.3 Select the correct passive form of the given sentence.  
The police have apprehended the criminal.

- Ans ☒ 1. The criminal had been apprehended by the police.  
☒ 2. The criminal had been apprehend by the police.  
☒ 3. The criminal was apprehended by the police.  
☒ 4. The criminal has been apprehended by the police.

Question ID : 264330124003  
Status : Answered  
Chosen Option : 4

**Q.4** Rearrange the parts of the sentence in correct order.  
Approaching her  
P. upon the impacts of county lines drug-running networks  
Q. 80th birthday in February next year, Hill's  
R. relevance and urgency this time focusing  
S. writing has lost none of its immediate

- Ans ☒ 1. QSRP  
☒ 2. SQRP  
☒ 3. RPQS  
☒ 4. PQSR

Question ID : 264330124117  
Status : Answered  
Chosen Option : 1

**Q.5** Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.  
Her failure in life is too much painful for me.

- Ans ☒ 1. No error  
☒ 2. painful for me.  
☒ 3. is too much  
☒ 4. Her failure in life

Question ID : 264330124006  
Status : Answered  
Chosen Option : 3

**Q.6** In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.  
To lose one's head

- Ans ☒ 1. To reach nowhere  
☒ 2. To lose one's self-control  
☒ 3. To have bad memory  
☒ 4. To lose the track of time

Question ID : 264330124331  
Status : Answered  
Chosen Option : 2

**Q.7** Rearrange the parts of the sentence in correct order.  
P. we found that thyroid hormones regulate white bar formation  
Q. sea anemone species in which the young fish is recruited  
R. and that a shift in hormone levels, associated with ecological  
S. differences, results in divergent colour patterns in different

- Ans ☒ 1. SQPR  
☒ 2. RSQP  
☒ 3. PRSQ  
☒ 4. PQRS

Question ID : 264330124326  
Status : Answered  
Chosen Option : 3

**Q.8** Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.  
I can sees the mountains in the distance.

- Ans
- ☒ 1. No improvement
  - ☒ 2. can seen
  - ☒ 3. can saw
  - ☒ 4. can see

Question ID : 264330124015  
Status : Answered  
Chosen Option : 4

**Q.9** Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.  
The early morning flight is the lest expensive.

- Ans
- ☒ 1. least's expensive
  - ☒ 2. least expensive
  - ☒ 3. lastly expensive
  - ☒ 4. No improvement

Question ID : 264330124613  
Status : Answered  
Chosen Option : 2

**Q.10** Select the correct indirect form of the given sentence.  
She said to her maid, "Clean the utensils properly."

- Ans
- ☒ 1. She ordered her maid to clean the utensils properly.
  - ☒ 2. She commanded her maid that kindly clean the utensils properly.
  - ☒ 3. She orders her maid to clean the utensils properly.
  - ☒ 4. She commands her maid that clean the utensils properly.

Question ID : 264330124316  
Status : Answered  
Chosen Option : 1

**Q.11** Choose the incorrectly spelt word.

- Ans
- ☒ 1. Bubble
  - ☒ 2. Fantsy
  - ☒ 3. Stormy
  - ☒ 4. Mince

Question ID : 264330124333  
Status : Answered  
Chosen Option : 2

**Q.12** Choose the sentence with no spelling error.

- Ans
- ☒ 1. I thought I was going to die.
  - ☒ 2. I thought I was going to diye.
  - ☒ 3. I thought I was goinng to die.
  - ☒ 4. I thught I was going to die.

Question ID : 264330124334  
Status : Answered  
Chosen Option : 1

**Q.13** Select the most appropriate antonym of the given word.  
**Legit**

- Ans** ☒ 1. Bona fide  
☒ 2. Endorsed  
☒ 3. Illegal  
☒ 4. Canonical

Question ID : 264330125955  
Status : **Answered**  
Chosen Option : 3

**Q.14** Choose the word that can substitute the given group of words.  
**One who adapts oneself readily to various situations**

- Ans** ☒ 1. Versatile  
☒ 2. Orthodox  
☒ 3. Fastidious  
☒ 4. Ardent

Question ID : 264330124517  
Status : **Answered**  
Chosen Option : 1

**Q.15** Select the word that is opposite in meaning (ANTONYM) to the word given below.  
**Cynical**

- Ans** ☒ 1. Scoffing  
☒ 2. Incredulous  
☒ 3. Credulous  
☒ 4. Sceptical

Question ID : 264330124694  
Status : **Answered**  
Chosen Option : 3

**Q.16** Find the part of the given sentence that has an error in it. If there is no error, choose  
**'No error'.**  
**Bacteria are single-celled organisms that can reproduce on its own.**

- Ans** ☒ 1. organisms that can  
☒ 2. No error  
☒ 3. Bacteria are single-celled  
☒ 4. reproduce on its own.

Question ID : 264330124317  
Status : **Answered**  
Chosen Option : 3

**Q.17** Choose the word that is opposite in meaning to the given word.  
**Chastise**

- Ans** ☒ 1. Mulct  
☒ 2. Keelhaul  
☒ 3. Berate  
☒ 4. Extol

Question ID : 264330124174  
Status : **Marked For Review**  
Chosen Option : 2

**Q.18** Given below are four jumbled sentences. Pick the option that gives their correct order.  
P. To stop Caesar from gaining too much power, Brutus and the conspirators kill him on the Ides of March.  
Q. Brutus and his friend Cassius lose and kill themselves, leaving Antony to rule in Rome.  
R. Mark Antony drives the conspirators out of Rome and fights them in a battle.  
S. The tale of Julius Caesar involves jealous conspirators who convince Caesar's most trusted ally Brutus to join their assassination plot against Caesar.

- Ans ☒ 1. SQPR  
☒ 2. SPRQ  
☒ 3. QPSR  
☒ 4. SQRP

Question ID : 264330124689  
Status : Answered  
Chosen Option : 2

**Q.19** Select the most appropriate 'one word' for the expression given below.  
A place where public records are preserved.

- Ans ☒ 1. Archive  
☒ 2. Library  
☒ 3. Court Room  
☒ 4. Diary

Question ID : 264330125988  
Status : Answered  
Chosen Option : 1

**Q.20** Select the most appropriate 'one word' for the expression given below.  
Something that is no longer in use.

- Ans ☒ 1. Absolute  
☒ 2. Vogue  
☒ 3. Obsolete  
☒ 4. Contemporary

Question ID : 264330125987  
Status : Answered  
Chosen Option : 3

**Comprehension:**

In the following passage some of the words have been deleted. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.  
Sudden changes in the gilts market are (1)\_\_\_\_\_, but when they do happen it can cause (2)\_\_\_\_\_ problems for certain types of pension scheme, as UK pension savers (3)\_\_\_\_\_ recently. In addition to raising borrowing costs for the government, the market mayhem following September's mini-budget (4)\_\_\_\_\_ many pension providers to quickly cash in some of their holdings to try to weather the (5)\_\_\_\_\_.

**SubQuestion No : 21**

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

- Ans ☒ 1. easy  
☒ 2. rare  
☒ 3. severe  
☒ 4. high

Question ID : 264330124320  
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.  
Sudden changes in the gilts market are (1)\_\_\_\_\_, but when they do happen it can cause (2)\_\_\_\_\_ problems for certain types of pension scheme, as UK pension savers (3)\_\_\_\_\_ recently. In addition to raising borrowing costs for the government, the market mayhem following September's mini-budget (4)\_\_\_\_\_ many pension providers to quickly cash in some of their holdings to try to weather the (5)\_\_\_\_\_.

**SubQuestion No : 22**

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

- Ans ☒ 1. untidy  
☒ 2. major  
☒ 3. scanty  
☒ 4. bulky

Question ID : 264330124321

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.  
Sudden changes in the gilts market are (1)\_\_\_\_\_, but when they do happen it can cause (2)\_\_\_\_\_ problems for certain types of pension scheme, as UK pension savers (3)\_\_\_\_\_ recently. In addition to raising borrowing costs for the government, the market mayhem following September's mini-budget (4)\_\_\_\_\_ many pension providers to quickly cash in some of their holdings to try to weather the (5)\_\_\_\_\_.

**SubQuestion No : 23**

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

- Ans ☒ 1. seen  
☒ 2. have seen  
☒ 3. has seen  
☒ 4. did saw

Question ID : 264330124322

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.  
Sudden changes in the gilts market are (1)\_\_\_\_\_, but when they do happen it can cause (2)\_\_\_\_\_ problems for certain types of pension scheme, as UK pension savers (3)\_\_\_\_\_ recently. In addition to raising borrowing costs for the government, the market mayhem following September's mini-budget (4)\_\_\_\_\_ many pension providers to quickly cash in some of their holdings to try to weather the (5)\_\_\_\_\_.

**SubQuestion No : 24**

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

- Ans ☒ 1. forced  
☒ 2. uncontrived  
☒ 3. seized  
☒ 4. slated

Question ID : 264330124323

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.  
Sudden changes in the gilts market are (1)\_\_\_\_\_, but when they do happen it can cause (2)\_\_\_\_\_ problems for certain types of pension scheme, as UK pension savers (3)\_\_\_\_\_ recently. In addition to raising borrowing costs for the government, the market mayhem following September's mini-budget (4)\_\_\_\_\_ many pension providers to quickly cash in some of their holdings to try to weather the (5)\_\_\_\_\_.

**SubQuestion No : 25**

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

- Ans ☒ 1. cup  
☒ 2. pond  
☒ 3. storm  
☒ 4. soil

Question ID : 264330124324  
Status : Answered  
Chosen Option : 3

**Section : General Intelligence**

**Q.1 Arrange the given words in the sequence in which they occur in the dictionary.**

1. Account  
2. According  
3. Accuracy  
4. Accumulate  
5. Accompany

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

Question ID : 264330126696  
Status : Answered  
Chosen Option : 3

**Q.2 Pointing towards a girl, Shilpa said, "She is daughter of my husband's wife". How is Shilpa's son related to that girl?**

- Ans ☒ 1. Son  
☒ 2. Paternal Uncle  
☒ 3. Brother  
☒ 4. Nephew

Question ID : 264330127002  
Status : Answered  
Chosen Option : 3

**Q.3 In a certain code language, 'LOAF' is coded as '8362', 'LICK' is coded as '5103', 'JOCK' is coded as '0841', 'JEAN' is coded as '9472'. What is the code for 'LOC' in that code language ?**

- Ans ☒ 1. 385  
☒ 2. 341  
☒ 3. 381  
☒ 4. 480

Question ID : 264330126998  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.4** In a certain code language, 'DESIRE' is coded as 'GSKTGE'. What is the code for 'DIRECT' in that code language ?

- Ans
- ☐ 1. VGDSKE
  - ☐ 2. VDKKSE
  - ☐ 3. VDGKSE
  - ☒ 4. VDGSKE

Question ID : 264330126997  
Status : Answered  
Chosen Option : 4

**Q.5** Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.  
\_ msk \_ prm \_ kt \_ r \_ s \_ tpr \_ skt \_

- Ans
- ☐ 1. r,s,t,p,m,k,m,p
  - ☐ 2. r,t,s,p,m,m,m,p
  - ☐ 3. r,t,s,p,m,k,k,p
  - ☒ 4. r,t,s,p,m,k,m,p

Question ID : 264330127001  
Status : Answered  
Chosen Option : 4

**Q.6** 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 A are T.

II. No T is N.

Conclusions:

I. Some N are T.

II. All N are A.

III. Some T are A.

- Ans
- ☐ 1. Only conclusion I follows
  - ☒ 2. Only conclusion III follows
  - ☐ 3. Only conclusion II follows
  - ☐ 4. All conclusion follows

Question ID : 264330127006  
Status : Answered  
Chosen Option : 2

**Q.7** Select the option in which the numbers share the same relationship in set as that shared by the numbers in the given set.  
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits.  
E.g.13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)  
(29, 31, 37)  
(11, 13, 17)

- Ans
- ☐ 1. (17, 19, 29)
  - ☐ 2. (37, 41, 47)
  - ☐ 3. (19, 21, 23)
  - ☒ 4. (19, 23, 29)

Question ID : 264330126692  
Status : Answered  
Chosen Option : 1



**Q.8** 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)  
(393, 342, 564)  
(287, 82, 328)

- Ans ☒ 1. (485, 136, 548)  
☒ 2. (567, 162, 638)  
☒ 3. (237, 294, 384)  
☒ 4. (329, 144, 406)

Question ID : 264330126993

Status : **Not Attempted and Marked For Review**

Chosen Option : --

**Q.9** 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.  
Thailand : Baht :: China : ?

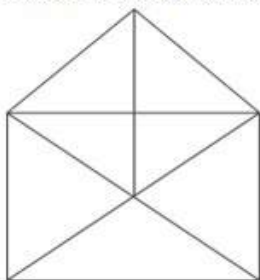
- Ans ☒ 1. Riyal  
☒ 2. Dinar  
☒ 3. Yuan  
☒ 4. Dollar

Question ID : 264330126700

Status : **Answered**

Chosen Option : 3

**Q.10** Find the total number of quadrilaterals in the given figure.



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

Question ID : 264330127659

Status : **Not Attempted and Marked For Review**

Chosen Option : --

**Q.11** In the following question, select the odd letter/letters from the given alternatives.

- Ans ☒ 1. RPMN  
☒ 2. HFCX  
☒ 3. LJGT  
☒ 4. MKHG

Question ID : 264330127004

Status : **Answered**

Chosen Option : 4

Q.12 What will come in the place of '?' in the following equation, if '×' and '-' are interchanged and also '+' and '÷' are interchanged?  
 $12 + 4 - 2 \times 5 \div 4 = ?$

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

Question ID : 264330127415  
Status : Answered  
Chosen Option : 2

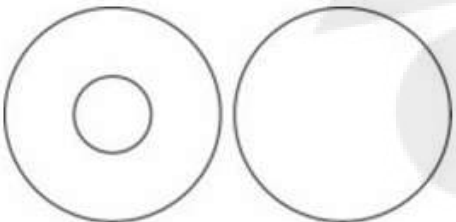
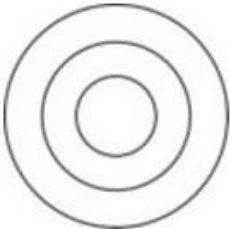
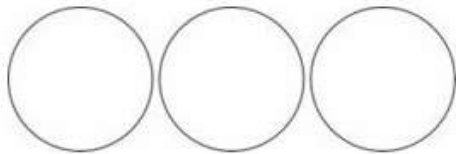
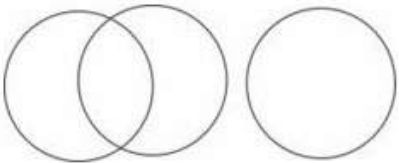
Q.13 Select the option in which the number-pair shares the same relationship as that is shared by the following number-pair.  
7 : 31

- Ans
- ☒ 1. 11 : 37
  - ☒ 2. 11 : 28
  - ☒ 3. 11 : 47
  - ☒ 4. 11 : 12

Question ID : 264330127641  
Status : Answered  
Chosen Option : 3

Q.14 Select the Venn diagram that best represents the relationship between the following classes.  
Lotus, Lily and Mango

Ans

- ☒ 1. 
- ☒ 2. 
- ☒ 3. 
- ☒ 4. 

Question ID : 264330127663  
Status : Answered  
Chosen Option : 4

Q.15 Three of the four group of words are alike in some manner. Select the odd group of words.

- Ans ☒ 1. (Sheep, Deer, Lion)  
☒ 2. (Goat, Rat, Jackal)  
☒ 3. (Cow, Dog, Tiger)  
☒ 4. (Stable, House, Pig)

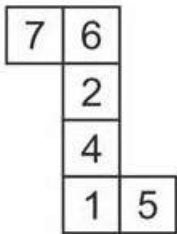
Question ID : 264330126705  
Status : Answered  
Chosen Option : 4

Q.16 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.  
Grip : Spanner :: Amplify : ?

- Ans ☒ 1. Axe  
☒ 2. Shields  
☒ 3. Loudspeaker  
☒ 4. Microscope

Question ID : 264330127350  
Status : Answered  
Chosen Option : 3

Q.17 By folding the given paper, which of the following box can be made?



- Ans ☒ 1.   
☒ 2.   
☒ 3.   
☒ 4.

Question ID : 264330126782  
Status : Answered  
Chosen Option : 2

Q.18 In the following question, select the related letters from the given alternatives.  
RT : QR :: ZO : ?

- Ans ☒ 1. ZZ  
☒ 2. YY  
☒ 3. NO  
☒ 4. YM

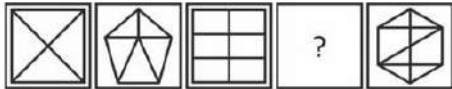
Question ID : 264330126774  
Status : Answered  
Chosen Option : 4

Q.19 Select the option in which the numbers share the same relationship in set as that shared by the numbers in the given sets. (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)  
(133, 144, 288)  
(127, 138, 276)

- Ans ☒ 1. (169, 180, 360)  
☒ 2. (143, 156, 312)  
☒ 3. (157, 168, 326)  
☒ 4. (117, 128, 266)

Question ID : 264330127342  
Status : Answered  
Chosen Option : 1

Q.20 Select the figure from the given options that can replace the question mark (?) in the following series.

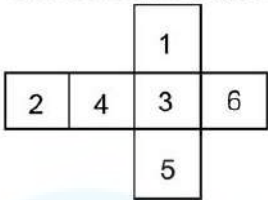


Ans

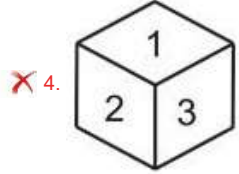
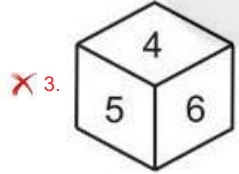
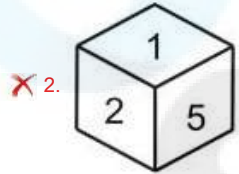
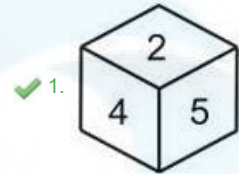
- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 264330127008  
Status : Answered  
Chosen Option : 2

Q.21 Which of the following figures can be formed on folding the given sheet of paper in the question?

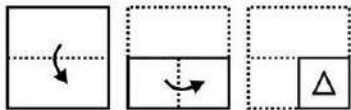


Ans



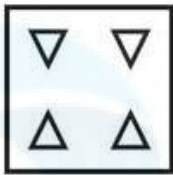
Question ID : 264330127457  
Status : Answered  
Chosen Option : 1

**Q.22** 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?

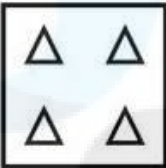


**Ans**

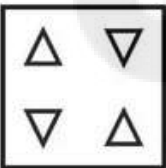
✓ 1.



✗ 2.



✗ 3.



✗ 4.



Question ID : 264330127436

Status : Answered

Chosen Option : 1

**Q.23** In the following question, select the missing number from the given series.  
81, 94, 120, 159, 211, ?

**Ans** ✗ 1. 266

✗ 2. 278

✓ 3. 276

✗ 4. 264

Question ID : 264330126769

Status : Answered

Chosen Option : 3

**Q.24** If 'A' means '+', 'B' means '-', 'C' means '÷' and 'D' means '×', then 63 C 9 A 16 B 32 D 3  
C 8 =?

**Ans** ✓ 1. 11

✗ 2. 13

✗ 3. 10

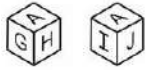
✗ 4. 9

Question ID : 264330126764

Status : Answered

Chosen Option : 1

**Q.25** Two positions of a dice are given below. What will come on the face opposite to the face containing 'J' on it ?



- Ans**
- ☒ 1. G
  - ☒ 2. I
  - ☒ 3. A
  - ☒ 4. H

Question ID : 264330127032  
Status : Answered  
Chosen Option : 4

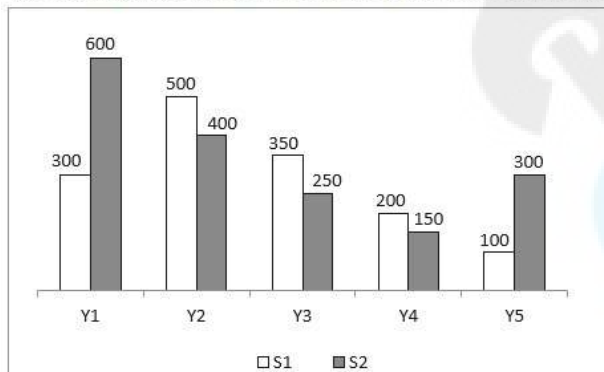
Section : Quantitative Aptitude

**Q.1** A train of length 300 metres crosses a tree in 20 seconds and crosses another train of the same length travelling in opposite direction in 25 seconds. What is the speed of the second train?

- Ans**
- ☒ 1. 10 m/s
  - ☒ 2. 12 m/s
  - ☒ 3. 15 m/s
  - ☒ 4. 9 m/s

Question ID : 264330127990  
Status : Answered  
Chosen Option : 4

**Q.2** The bar graph given below shows the population of two states S1 and S2 in 5 years.



Which of the following statement is correct?

- I. The ratio of population of S1 to the population of S2 in the year Y1 are 3 : 1.
- II. The population of S1 is 140 percent of the population of S2 in the year Y3.

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

Question ID : 264330127710  
Status : Answered  
Chosen Option : 3

**Q.3** MX is the median of  $\triangle MNO$ . Y is the centroid of  $\triangle MNO$ . If  $YX = 12$  cm, then what is the length of MX?

- Ans
- ☒ 1. 30 cm
  - ☒ 2. 36 cm
  - ☒ 3. 28 cm
  - ☒ 4. 24 cm

Question ID : 264330128225  
Status : Answered  
Chosen Option : 2

**Q.4** Which of the following statement is true?

I.  $\frac{1}{2} + \frac{1}{6} + \frac{1}{12} = \frac{3}{4}$

II.  $\frac{1}{6} + \frac{1}{12} + \frac{1}{20} = \frac{3}{5}$

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

Question ID : 264330128006  
Status : Answered  
Chosen Option : 3

**Q.5** If  $\cos \theta = 9/13$ , then what is the value of  $\operatorname{cosec} \theta$  ?

- Ans
- ☒ 1.  $\frac{13}{\sqrt{22}}$
  - ☒ 2.  $\frac{13\sqrt{22}}{44}$
  - ☒ 3.  $\frac{2\sqrt{22}}{13}$
  - ☒ 4.  $\frac{\sqrt{22}}{13}$

Question ID : 264330127734  
Status : Answered  
Chosen Option : 2

**Q.6** The sum of the length and breadth of a cuboid is 4 cm. Length is three times of breadth. If the height of the cuboid is half of the sum of its length and breadth, then what is the total surface area of the cuboid?

- Ans
- ☒ 1.  $64 \text{ cm}^2$
  - ☒ 2.  $22 \text{ cm}^2$
  - ☒ 3.  $32 \text{ cm}^2$
  - ☒ 4.  $30 \text{ cm}^2$

Question ID : 264330127991  
Status : Answered  
Chosen Option : 2



**Q.7** In what ratio tea of Rs.60 per kg should be mixed with tea of Rs.70 per kg so that on selling the mixture at Rs.80 per kg there is a profit of 25 percent?

- Ans** ☒ 1. 3 : 2  
☐ 2. 2 : 3  
☐ 3. 5 : 2  
☐ 4. 4 : 1

Question ID : 264330127996  
Status : Answered  
Chosen Option : 1

**Q.8** The average marks obtained by 120 students in an examination is 50. If the average marks of passed students is 70 and average marks of the failed students is 30, then what is the number of students who passed the examination?

- Ans** ☐ 1. 100  
☒ 2. 60  
☐ 3. 80  
☐ 4. 40

Question ID : 264330127992  
Status : Answered  
Chosen Option : 2

**Q.9** Tangent drawn from a point Y, touches the circle at X. O is the centre of this circle. If  $OY = 50$  cm and  $XY = 40$  cm, then what will be the radius of this circle?

- Ans** ☐ 1. 60 cm  
☐ 2. 75 cm  
☐ 3. 45 cm  
☒ 4. 30 cm

Question ID : 264330127999  
Status : Answered  
Chosen Option : 4

**Q.10** A seller allows a discount of 9% on a watch. If he allows a discount of 6%, he earns Rs 30 more in profit. What is the marked price?

- Ans** ☐ 1. Rs.900  
☐ 2. Rs.1,400  
☒ 3. Rs.1,000  
☐ 4. Rs.1,300

Question ID : 264330128643  
Status : Answered  
Chosen Option : 3

**Q.11** If  $\sin m + \sin n = p$ ,  $\cos m + \cos n = q$ , then find the value of  $\sin m \times \sin n + \cos m \times \cos n$ .

- Ans** ☐ 1.  $p^2 + q^2 - 2$   
☒ 2.  $(p^2 + q^2 - 2)/2$   
☐ 3.  $p + q - pq$   
☐ 4.  $p + q + pq$

Question ID : 264330128559  
Status : Answered  
Chosen Option : 2

**Q.12** Two medians NA and OB of  $\triangle NOP$  intersect each other at S at right angles. If NA = 15 cm and OB = 15 cm, then what is the length of OA?

- Ans ☒ 1.  $5\sqrt{5}$  cm  
☒ 2.  $7\sqrt{5}$  cm  
☒ 3.  $6\sqrt{5}$  cm  
☒ 4.  $3\sqrt{5}$  cm

Question ID : 264330128001

Status : Not Attempted and  
Marked For Review

Chosen Option : --

**Q.13** A certain sum becomes 4 times of itself in 5 years at a rate of simple interest. In 15 years it will become how many times of itself at the same rate of simple interest?

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

Question ID : 264330127697

Status : Answered

Chosen Option : 2

**Q.14** O is the incentre of the  $\triangle PQR$ . If  $\angle POR = 120$  degree, then what is the  $\angle PQR$  ?

- Ans ☒ 1. 45 degree  
☒ 2. 60 degree  
☒ 3. 55 degree  
☒ 4. 48 degree

Question ID : 264330127725

Status : Answered

Chosen Option : 2

**Q.15** What is the least possible value of p for which a number 84pp153p is divisible by 9?

- Ans ☒ 1. 2  
☒ 2. 1  
☒ 3. 7  
☒ 4. 5

Question ID : 264330128430

Status : Answered

Chosen Option : 1

**Q.16** If  $m^2 - n^2 = 21$  and  $m - n = 3$ , find the value of  $m + n$ .

- Ans** ✓ 1. 7  
✗ 2. 4  
✗ 3. 24  
✗ 4. 18

Question ID : 264330128654  
Status : Answered  
Chosen Option : 1

**Q.17** P's income is 150 percent of Q's income and P's expenditure is 60 percent of Q's expenditure. If Q saves 20 percent of his income, then how much percentage does P save of his own income?

- Ans** ✓ 1. 68 percent  
✗ 2. 60 percent  
✗ 3. 72 percent  
✗ 4. 75 percent

Question ID : 264330127994  
Status : Answered  
Chosen Option : 1

**Q.18** If  $a + b = 24$  and  $8ab = 256$ , then what is the value of  $3a^2 + 3b^2$ ?

- Ans** ✓ 1. 1536  
✗ 2. 1024  
✗ 3. 512  
✗ 4. 1636

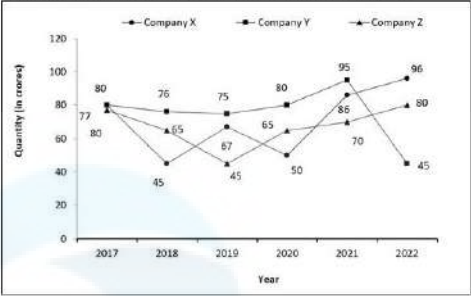
Question ID : 264330128002  
Status : Answered  
Chosen Option : 1

**Q.19** On selling 14 notebooks a seller makes a profit equal to the selling price of 9 notebooks. Find his percent profit. (Selling price of all notebooks is same. Cost price of all notebooks is same.)

- Ans** ✗ 1. 210%  
✓ 2. 180%  
✗ 3. 140%  
✗ 4. 130%

Question ID : 264330128645  
Status : Answered  
Chosen Option : 2

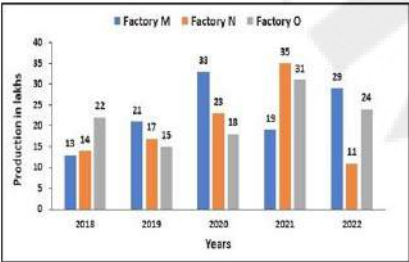
**Q.20** The line graph shows the Production (in crores) of three companies over years. Find the year in which total production in company Z is 30 percent more than that of company X.



- Ans
- ☒ 1. 2021
  - ☒ 2. 2019
  - ☒ 3. 2020
  - ☒ 4. 2018

Question ID : 264330128685  
Status : Answered  
Chosen Option : 3

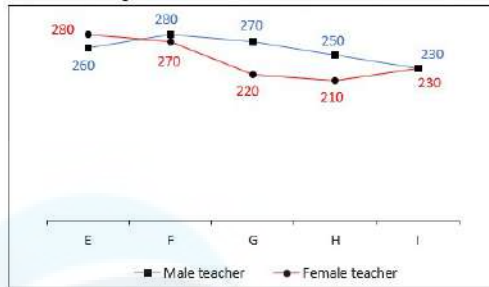
**Q.21** The following bar graph shows the production of pens (in lakhs) by three companies M, N, O from 2018 to 2022. What is the ratio of the average production of Company O in the period 2019-2021 to the average production of Company M in the same period ?



- Ans
- ☒ 1. 55 : 46
  - ☒ 2. 66 : 79
  - ☒ 3. 64 : 73
  - ☒ 4. 64 : 65

Question ID : 264330128662  
Status : Answered  
Chosen Option : 3

**Q.22** The line chart given below shows the number of male teachers and female teachers in 5 schools.



Which of the following statement is NOT correct?

- I. The total number of male teachers in all the 5 schools is 106.61 percent of the total number of females teachers in the 5 schools.
- II. The number of female teachers in school E is 11.73 percent more the number of male teachers in school I.

**Ans**

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

Question ID : 264330127713  
Status : Answered  
Chosen Option : 2

**Q.23** A alone can make a table in 30 days while B alone can make it in 15 days. B started the work alone and worked for 8 days. In how many days A alone can finish the remaining work?

**Ans**

- ☒ 1. 14 days
- ☐ 2. 10 days
- ☐ 3. 12 days
- ☐ 4. 15 days

Question ID : 264330127689  
Status : Answered  
Chosen Option : 1

**Q.24** If  $6^X = 3^Y = 2^Z$ , then what is the value of  $\frac{1}{y} + \frac{1}{z} - \frac{1}{x}$ ?

**Ans**

- ☐ 1. 1
- ☒ 2. 0
- ☐ 3. 3
- ☐ 4. 6

Question ID : 264330127778  
Status : Answered  
Chosen Option : 2

Q.25 What is the value of  $\frac{\cot \theta + \operatorname{cosec} \theta - 1}{\cot \theta - \operatorname{cosec} \theta + 1}$  ?

- Ans
- ☐ 1.  $2 \sec \theta$
  - ☐ 2.  $2 \operatorname{cosec} \theta$
  - ☐ 3.  $2 \cot \theta$
  - ☒ 4.  $(\operatorname{cosec} \theta + \cot \theta)$

Question ID : 264330128008  
Status : Answered  
Chosen Option : 4

Section : General awareness

Q.1 C++ is an example of which type of computer language?

- Ans
- ☐ 1. Visual Programming Language
  - ☒ 2. Object-Oriented Language
  - ☐ 3. Business Data Processing
  - ☐ 4. String and List Processing

Question ID : 264330130244  
Status : Answered  
Chosen Option : 2

Q.2 Market Based Economic Dispatch (MBED) Mechanism is related with which of the following ministry?

- Ans
- ☒ 1. Ministry of Power
  - ☐ 2. Ministry of Corporate Affairs
  - ☐ 3. Ministry of Finance
  - ☐ 4. Ministry of Micro, Small and Medium Enterprises

Question ID : 264330125262  
Status : Answered  
Chosen Option : 4

Q.3 Which country won the Men's Asia Cup 2022 for cricket?

- Ans
- ☒ 1. Sri Lanka
  - ☐ 2. Bangladesh
  - ☐ 3. India
  - ☐ 4. Pakistan

Question ID : 264330125455  
Status : Answered  
Chosen Option : 1

Q.4 Which among the following lakes connects the twin cities of Hyderabad and Secunderabad?

- Ans
- ☐ 1. Kanwar
  - ☐ 2. Salim Ali
  - ☒ 3. Hussain Sagar
  - ☐ 4. Periyar

Question ID : 264330130258  
Status : Answered  
Chosen Option : 3

**Q.5 Personal income of households can be calculated in which of the following ways?**

- Ans** ☒ 1. National income + Undistributed profits – Net interest payments – Corporate tax + Transfer payments from the government and firms
- ☒ 2. National income – Undistributed profits – Net interest payments – Corporate tax + Transfer payments from the government and firms
- ☒ 3. National income – Undistributed profits + Net interest payments – Corporate tax – Transfer payments from the government and firms
- ☒ 4. National income – Undistributed profits – Net interest payments – Corporate tax – Transfer payments from the government and firms

Question ID : 264330125090  
Status : Not Answered  
Chosen Option : --

**Q.6 Which of the following earthquake waves are longitudinal waves?**

- Ans** ☒ 1. L waves
- ☒ 2. P waves
- ☒ 3. N waves
- ☒ 4. S Waves

Question ID : 264330125295  
Status : Answered  
Chosen Option : 1

**Q.7 Who is the author of the book 'Elephant in the Womb'?**

- Ans** ☒ 1. Twinkle Khanna
- ☒ 2. Konkana Sen Sharma
- ☒ 3. Kalki Koechlin
- ☒ 4. Farhan Akhtar

Question ID : 264330124802  
Status : Answered  
Chosen Option : 3

**Q.8 In which of the following sports India did NOT win a gold medal in Commonwealth Games 2022?**

- Ans** ☒ 1. Shooting
- ☒ 2. Table Tennis
- ☒ 3. Lawn bowls
- ☒ 4. Weightlifting

Question ID : 264330124807  
Status : Answered  
Chosen Option : 1

**Q.9 Who has been appointed as the Chief of Defence Staff (CDS) in September 2022?**

- Ans** ☒ 1. Lt. Gen Hari Kumar
- ☒ 2. Lt. Gen Anil Chauhan (Retired)
- ☒ 3. Lt. Gen Vinod G. Khandare (Retired)
- ☒ 4. Lt. Gen Manoj Pandey

Question ID : 264330125287  
Status : Answered  
Chosen Option : 4

**Q.10 Which of the following statements is correct?**  
I. Maize requires moderate temperature, rainfall and lots of sunshine.  
II. Jute grows well on alluvial soil and requires high temperature, heavy rainfall and humid climate.

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

Question ID : 264330124798  
Status : **Answered**  
Chosen Option : 4

**Q.11 Which of the following keyboard shortcut is used to lock the windows screen in Windows 10?**

- Ans** ☒ 1. Windows logo key + M  
☒ 2. Windows logo key + K  
☒ 3. Windows logo key + N  
☒ 4. Windows logo key + L

Question ID : 264330125084  
Status : **Answered**  
Chosen Option : 4

**Q.12 Theme of World Environment Day 2022 is \_\_\_\_\_.**

- Ans** ☒ 1. Only One Earth  
☒ 2. Save Environment for Future  
☒ 3. Ecosystem Restoration  
☒ 4. Nature is Money

Question ID : 264330124788  
Status : **Not Answered**  
Chosen Option : --

**Q.13 Ganga Dussehra takes place every year on the \_\_\_\_\_ day of Shukla Paksha of Jyeshtha month.**

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

Question ID : 264330130271  
Status : **Not Answered**  
Chosen Option : --

**Q.14 Which of the following comes under the platyhelminthes classification under the animalia?**

- Ans** ☒ 1. Sycon  
☒ 2. Leech  
☒ 3. Wuchereria  
☒ 4. Tapeworm

Question ID : 264330125094  
Status : **Answered**  
Chosen Option : 4



Q.15 The distance of the Sun from the Earth is about \_\_\_\_\_ light minutes.

- Ans ☒ 1. 6  
☒ 2. 4.3  
☒ 3. 12  
☒ 4. 8

Question ID : 264330125092  
Status : Answered  
Chosen Option : 4

Q.16 Which of the following do/does NOT come under state list of 7th schedule of the Indian constitution?

- Ans ☒ 1. Relief of the disabled and unemployable  
☒ 2. Burials and burial grounds; cremations and cremation grounds  
☒ 3. Regulation of labour and safety in mines and oilfields  
☒ 4. Pilgrimages, other than pilgrimages to places outside India

Question ID : 264330125104  
Status : Not Answered  
Chosen Option : --

Q.17 In \_\_\_\_\_, a Subsidiary Alliance system was imposed on Awadh by the British.

- Ans ☒ 1. 1828  
☒ 2. 1801  
☒ 3. 1814  
☒ 4. 1809

Question ID : 264330125099  
Status : Not Answered  
Chosen Option : --

Q.18 Which city will host the 2028 Summer Olympic Games?

- Ans ☒ 1. Los Angles  
☒ 2. Paris  
☒ 3. New York  
☒ 4. Munich

Question ID : 264330124805  
Status : Answered  
Chosen Option : 2

Q.19 As the river enters the plain it twists and turns forming large bends known as \_\_\_\_\_.

- Ans ☒ 1. levees  
☒ 2. ox-bow lake  
☒ 3. floodplain  
☒ 4. meanders

Question ID : 264330125270  
Status : Answered  
Chosen Option : 4

Q.20 What were the primary goals of the five-year plans in India?

- Ans
- ☒ 1. Industrialisation, Urbanisation, development and self-reliance
  - ☒ 2. Poverty reduction, Urbanisation, Self-sufficiency and Modernisation
  - ☒ 3. Social welfare, Self-sufficiency, equity and industrial development
  - ☒ 4. Growth, modernisation, self-reliance and equity

Question ID : 264330124791  
Status : Answered  
Chosen Option : 2

Q.21 “Living root bridges” is an iconic structure found in which state?

- Ans
- ☒ 1. Meghalaya
  - ☒ 2. West Bengal
  - ☒ 3. Himachal Pradesh
  - ☒ 4. Assam

Question ID : 264330124789  
Status : Not Answered  
Chosen Option : --

Q.22 \_\_\_\_\_ was the first governor-general of Bengal.

- Ans
- ☒ 1. Warren Hastings
  - ☒ 2. William Bentinck
  - ☒ 3. Charles Metcalfe
  - ☒ 4. John Shore

Question ID : 264330130261  
Status : Answered  
Chosen Option : 2

Q.23 The Garba dance is performed in which state?

- Ans
- ☒ 1. Haryana
  - ☒ 2. Kerala
  - ☒ 3. Gujarat
  - ☒ 4. Punjab

Question ID : 264330124935  
Status : Answered  
Chosen Option : 3

Q.24 Which of the following is the correct order of friction?

- Ans
- ☒ 1. Static > Rolling > Sliding
  - ☒ 2. Rolling > Static > Sliding
  - ☒ 3. Static > Sliding > Rolling
  - ☒ 4. Sliding > Static > Rolling

Question ID : 264330124793  
Status : Answered  
Chosen Option : 3

**Q.25 Which among the following constitutional amendments of the Indian Constitution deals with the formation of Sikkim as a state?**

**Ans**

☒ 1. 36<sup>th</sup>

☐ 2. 51<sup>st</sup>

☐ 3. 42<sup>nd</sup>

☐ 4. 30<sup>th</sup>

Question ID : 264330130264

Status : **Answered**

Chosen Option : 1