

# Combined Higher Secondary Level Examination Tier I 2022

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

Section : English Language

**Q.1** Fill in the blank with an appropriate option.  
Have you ever had a \_\_\_\_\_ bath using a bath wash?

- Ans
- ☒ 1. barbaric
  - ☒ 2. extinguishing
  - ☒ 3. refreshing
  - ☒ 4. killing

Question ID : 264330124106  
Status : Answered  
Chosen Option : 3

**Q.2** In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.  
High and dry

- Ans
- ☒ 1. Abandoned
  - ☒ 2. Occasionally
  - ☒ 3. Perplexed
  - ☒ 4. Failed

Question ID : 264330124305  
Status : Not Answered  
Chosen Option : --

**Q.3** Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.  
There are a number of places of historical or religiously importance.

- Ans
- ☒ 1. religiosity important
  - ☒ 2. religious importance
  - ☒ 3. No improvement
  - ☒ 4. religious important

Question ID : 264330124302  
Status : Answered  
Chosen Option : 2

**Q.4** Select the correct indirect form of the given sentence.  
I explained, "I don't belong here."

- Ans
- ☒ 1. I said that I did not belonged here.
  - ☒ 2. I explained that I did not belong there.
  - ☒ 3. I explained that I do not belong there.
  - ☒ 4. I explained that I did not belong here.

Question ID : 264330124290  
Status : Answered  
Chosen Option : 2

**Q.5 Choose the word that means the same as the given word.**  
**Caginess**

- Ans ☒ 1. Desiccate  
☒ 2. Guilefulness  
☒ 3. Dopiness  
☒ 4. Ingenuous

Question ID : 264330124676  
Status : Not Answered  
Chosen Option : --

**Q.6 Choose the word that means the same as the given word.**  
**Jape**

- Ans ☒ 1. Quick  
☒ 2. Quarrel  
☒ 3. Quip  
☒ 4. Quit

Question ID : 264330124156  
Status : Not Answered  
Chosen Option : --

**Q.7 Select the most appropriate one-word substitution for the given group of words.**  
**Rhythmic flow of sounds or words.**

- Ans ☒ 1. Credence  
☒ 2. Crescents  
☒ 3. Cadence  
☒ 4. Copious

Question ID : 264330124752  
Status : Answered  
Chosen Option : 3

**Q.8 Select the correct passive form of the given sentence.**  
**The villagers have rebuilt the hospital.**

- Ans ☒ 1. The hospital was rebuilt by the villagers.  
☒ 2. The hospital has been rebuilt by the villagers.  
☒ 3. The hospital had been rebuilt by the villagers.  
☒ 4. The hospital has rebuilt by the villagers.

Question ID : 264330124653  
Status : Answered  
Chosen Option : 2

**Q.9 Choose the sentence with no spelling error.**

- Ans ☒ 1. A well done introduction grabs the reader.  
☒ 2. A wel done introduction grabs the reader.  
☒ 3. A well done introduction grabbs the reader.  
☒ 4. A well done intrudocion grabs the reader.

Question ID : 264330124308  
Status : Answered  
Chosen Option : 1

**Q.10** Rearrange the parts of the sentence in correct order.  
P. useful for the Government to utilize the expertise and  
Q. in the present international scenario, it is necessary and  
R. and winning over the support of their counterparts in other countries  
S. services of Members of Parliament effectively for sensitizing

- Ans ☒ 1. PRSQ  
☒ 2. QPSR  
☒ 3. PSQR  
☒ 4. SPRQ

Question ID : 264330124300  
Status : Answered  
Chosen Option : 2

**Q.11** In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.  
The whole ball of wax

- Ans ☒ 1. Everything  
☒ 2. Sagacious  
☒ 3. Meagre  
☒ 4. Complete disaster

Question ID : 264330124670  
Status : Not Answered  
Chosen Option : --

**Q.12** Choose the word that is opposite in meaning to the given word.  
Credible

- Ans ☒ 1. Unlikely  
☒ 2. Unswerving  
☒ 3. Conclusive  
☒ 4. Sheltered

Question ID : 264330124147  
Status : Answered  
Chosen Option : 1

**Q.13** Choose the incorrectly spelt word.

- Ans ☒ 1. Majestic  
☒ 2. String  
☒ 3. Tokan  
☒ 4. Lovable

Question ID : 264330124307  
Status : Answered  
Chosen Option : 3

**Q.14** Choose the word that means the same as the given word.  
Fortitude

- Ans ☒ 1. Grit  
☒ 2. Vacillation  
☒ 3. Plot  
☒ 4. Grim

Question ID : 264330124311  
Status : Answered  
Chosen Option : 1

**Q.15** Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. Select the option 'no correction required' if the sentence is correct as given.  
"Hello! How (is) you?"

- Ans ☒ 1. am  
☒ 2. are  
☒ 3. No correction required  
☒ 4. was

Question ID : 264330125772  
Status : Answered  
Chosen Option : 2

**Q.16** Fill in the blank with an appropriate option.  
Habitat loss received little attention from all Twitter \_\_\_\_\_.

- Ans ☒ 1. band  
☒ 2. users  
☒ 3. forces  
☒ 4. pools

Question ID : 264330124599  
Status : Answered  
Chosen Option : 2

**Q.17** Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.  
Give yourself a chance to be distracted of bad news.

- Ans ☒ 1. chance to be distracted  
☒ 2. Give yourself a  
☒ 3. No error  
☒ 4. of bad news.

Question ID : 264330124291  
Status : Answered  
Chosen Option : 4

**Q.18** Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.  
The inflow of foreign portfolio funds into Indian equities have pushed up price-earning multiples and valuation.

- Ans ☒ 1. up price-earning multiples and valuation.  
☒ 2. The inflow of foreign portfolio funds  
☒ 3. No error  
☒ 4. into Indian equities have pushed

Question ID : 264330124656  
Status : Answered  
Chosen Option : 1

**Q.19** Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.  
He always checks the weather in the morning before he leaves for working.

- Ans**    ☒ 1. leaves for work  
          ☒ 2. leave for work  
          ☒ 3. left for works  
          ☒ 4. No improvement

Question ID : 264330124172  
Status : Answered  
Chosen Option : 1

**Q.20** Rearrange the parts of the sentence in correct order.  
A newly  
P. reflected on why he chose to work for his  
Q. appointed division manager, trained in accounting,  
R. company despite better offers and realized that  
S. it was the friendly, collaborative, and ethical culture

- Ans**    ☒ 1. QPRS  
          ☒ 2. SPRQ  
          ☒ 3. SQRP  
          ☒ 4. RQPS

Question ID : 264330124403  
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.  
Swollen joints (1)\_\_\_\_\_ when there is fluid in the tissues around the joints. It can be very (2)\_\_\_\_\_ and can make it difficult to move the affected joints. In some cases, swelling may cause affected joints to increase in size or appear to be an odd (3)\_\_\_\_\_. Joint pain and swelling can affect more than one (4)\_\_\_\_\_ at a time. The most common joints to be (5)\_\_\_\_\_ by pain and swelling are elbows, wrists, shoulders, the base of the spine, knuckles, hips, knees or ankles.

**SubQuestion No : 21**

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

- Ans**    ☒ 1. happen  
          ☒ 2. prompt  
          ☒ 3. produce  
          ☒ 4. suppress

Question ID : 264330124294  
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.  
Swollen joints (1)\_\_\_\_\_ when there is fluid in the tissues around the joints. It can be very (2)\_\_\_\_\_ and can make it difficult to move the affected joints. In some cases, swelling may cause affected joints to increase in size or appear to be an odd (3)\_\_\_\_\_. Joint pain and swelling can affect more than one (4)\_\_\_\_\_ at a time. The most common joints to be (5)\_\_\_\_\_ by pain and swelling are elbows, wrists, shoulders, the base of the spine, knuckles, hips, knees or ankles.

**SubQuestion No : 22**

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

- Ans**    ☒ 1. uncomfortable  
         ☐ 2. snug  
         ☐ 3. pleasant  
         ☐ 4. convenient

Question ID : 264330124295  
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.  
Swollen joints (1)\_\_\_\_\_ when there is fluid in the tissues around the joints. It can be very (2)\_\_\_\_\_ and can make it difficult to move the affected joints. In some cases, swelling may cause affected joints to increase in size or appear to be an odd (3)\_\_\_\_\_. Joint pain and swelling can affect more than one (4)\_\_\_\_\_ at a time. The most common joints to be (5)\_\_\_\_\_ by pain and swelling are elbows, wrists, shoulders, the base of the spine, knuckles, hips, knees or ankles.

**SubQuestion No : 23**

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

- Ans**    ☒ 1. shape  
         ☐ 2. audio  
         ☐ 3. colour  
         ☐ 4. odour

Question ID : 264330124296  
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.  
Swollen joints (1)\_\_\_\_\_ when there is fluid in the tissues around the joints. It can be very (2)\_\_\_\_\_ and can make it difficult to move the affected joints. In some cases, swelling may cause affected joints to increase in size or appear to be an odd (3)\_\_\_\_\_. Joint pain and swelling can affect more than one (4)\_\_\_\_\_ at a time. The most common joints to be (5)\_\_\_\_\_ by pain and swelling are elbows, wrists, shoulders, the base of the spine, knuckles, hips, knees or ankles.

**SubQuestion No : 24**

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

- Ans**    ☐ 1. muscle  
         ☐ 2. vein  
         ☐ 3. tissue  
         ☒ 4. joint

Question ID : 264330124297  
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.  
Swollen joints (1)\_\_\_\_\_ when there is fluid in the tissues around the joints. It can be very (2)\_\_\_\_\_ and can make it difficult to move the affected joints. In some cases, swelling may cause affected joints to increase in size or appear to be an odd (3)\_\_\_\_\_. Joint pain and swelling can affect more than one (4)\_\_\_\_\_ at a time. The most common joints to be (5)\_\_\_\_\_ by pain and swelling are elbows, wrists, shoulders, the base of the spine, knuckles, hips, knees or ankles.

**SubQuestion No : 25**

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

- Ans ☒ 1. blended  
☒ 2. affected  
☒ 3. balmed  
☒ 4. reacted

Question ID : 264330124298  
Status : Answered  
Chosen Option : 2

**Section : General Intelligence**

**Q.1** In the following question, select the odd word pair from the given alternatives.

- Ans ☒ 1. Scooter – Vehicle  
☒ 2. Triangle – Figure  
☒ 3. Kidney – Organ  
☒ 4. Fruit – Apple

Question ID : 264330127330  
Status : Answered  
Chosen Option : 4

**Q.2** Select the option in which the numbers shares the same relationship in set as that shared by the numbers in the given set. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g.13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)  
(12, 172, 74)  
(28, 168, 56)

- Ans ☒ 1. (16, 115, 34)  
☒ 2. (28, 128, 36)  
☒ 3. (18, 130, 38)  
☒ 4. (14, 130, 42)

Question ID : 264330126968  
Status : Answered  
Chosen Option : 2

**Q.3** 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.  
Leather : Shoes :: ?

- Ans ☒ 1. Linen : Flax  
☒ 2. Cloth : Fibre  
☒ 3. Ore : Metal  
☒ 4. Sack : Jute

Question ID : 264330127003  
Status : Answered  
Chosen Option : 3

Q.4 In the following question, four number pairs are given. In each pair the number on the left side of (–) is related to the number on 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. 19 – 364  
☒ 2. 21 – 444  
☒ 3. 17 – 292  
☒ 4. 13 – 174

Question ID : 264330127320  
Status : Answered  
Chosen Option : 4

Q.5 How many quadrilaterals are there in the given figure?



- Ans ☒ 1. 15  
☒ 2. 16  
☒ 3. 14  
☒ 4. 13

Question ID : 264330126834  
Status : Answered  
Chosen Option : 2

Q.6 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. 729 – 1656  
☒ 2. 843 – 1181  
☒ 3. 681 – 867  
☒ 4. 507 – 1212

Question ID : 264330126995  
Status : Not Answered  
Chosen Option : --



Q.7 A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.  
MRNG, MVVS, MZDE, MDLQ, ?

- Ans ☒ 1. MHTC  
☒ 2. MHRT  
☒ 3. MGTC  
☒ 4. MHTD

Question ID : 264330126976  
Status : Answered  
Chosen Option : 1

Q.8 If  $13 \% 27 \% 3 = 1053$  and  $4 \% 8 \% 13 = 416$ , then  $3 \% 16 \% 10 = ?$

- Ans ☒ 1. 260  
☒ 2. 480  
☒ 3. 320  
☒ 4. 340

Question ID : 264330126739  
Status : Answered  
Chosen Option : 2

Q.9 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 : 264330126762  
Status : Answered  
Chosen Option : 2

Q.10 In a certain code language, 'FLOORS' is coded as 'QPMNKE'. What is the code for 'GATHER' in that code language ?

- Ans ☒ 1. PCFSZE  
☒ 2. PCESZE  
☒ 3. PCFSAF  
☒ 4. PCFSZF

Question ID : 264330126972  
Status : Answered  
Chosen Option : 4

**Q.11** 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. Some Rice are Salad.
- II. All Salad are Table.

Conclusions:

- I. Some Rice are Table.
- II. No Salad is Rice.
- III. Some Table are Salad.

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

Question ID : 264330126981  
Status : Answered  
Chosen Option : 4

**Q.12** In the following question, select the odd letter/letters from the given alternatives.

- Ans**
- ☒ 1. QNJF
  - ☒ 2. EBXS
  - ☒ 3. KHDY
  - ☒ 4. URNI

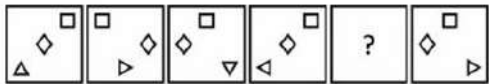
Question ID : 264330126979  
Status : Answered  
Chosen Option : 1

**Q.13** Select the option that is related to the first number in the same way as the third number is related to the fourth number and fifth number is related to sixth number.  
13 : ? :: 8 : 512 :: 11 : 1331

- Ans**
- ☒ 1. 729
  - ☒ 2. 2197
  - ☒ 3. 1728
  - ☒ 4. 4096

Question ID : 264330126816  
Status : Answered  
Chosen Option : 2

Q.14 Select the figure from the given options that can replace the question mark (?) in the following series.



Ans

- ✓ 1.
- ✗ 2.
- ✗ 3.
- ✗ 4.

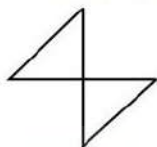
Question ID : 264330126983  
Status : Answered  
Chosen Option : 1

Q.15 By interchanging which two numbers (not digits) the given equation will be correct?  
 $16 + 6 \div 18 - 5 \times 1 = 14$

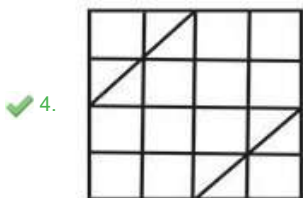
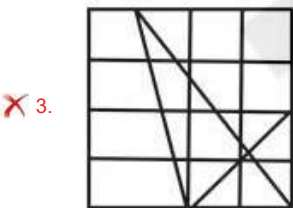
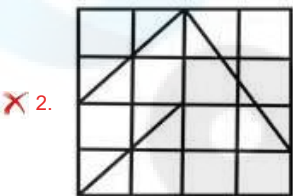
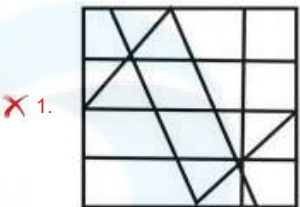
- Ans
- ✗ 1. 5 and 16
  - ✗ 2. 14 and 18
  - ✗ 3. 5 and 14
  - ✓ 4. 18 and 6

Question ID : 264330126354  
Status : Answered  
Chosen Option : 4

Q.16 Select the option figure in which the given figure is embedded. (rotation is NOT allowed)



Ans



Question ID : 264330127610  
Status : Answered  
Chosen Option : 4

Q.17 Arrange the given words in the sequence in which they occur in the dictionary.

- 1. Mouth
- 2. Mount
- 3. Moul
- 4. Mouse
- 5. Mound

Ans ✓ 1. 3,5,2,4,1  
✗ 2. 5,3,4,2,1  
✗ 3. 3,5,2,1,4  
✗ 4. 5,3,2,4,1

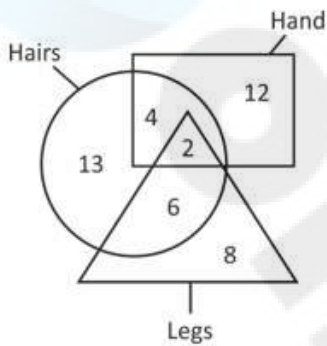
Question ID : 264330127321  
Status : Answered  
Chosen Option : 1

Q.18 In a certain code language, 'DAME' is coded as '2976', 'TIME' is coded as '9254', 'SAPE' is coded as '8369', 'MOST' is coded as '1523'. What is the code for 'ATP' in that code language ?

- Ans ☒ 1. 851
- ☒ 2. 658
- ☒ 3. 651
- ☒ 4. 869

Question ID : 264330126973  
Status : Answered  
Chosen Option : 2

Q.19 How many hands are hairs?



- Ans ☒ 1. 8
- ☒ 2. 4
- ☒ 3. 6
- ☒ 4. 15

Question ID : 264330126838  
Status : Answered  
Chosen Option : 3

Q.20 Pointing towards a photo of a lady, Bhim said, "She is the only sister of my mother's son". How that lady is related to Bhim ?

- Ans ☒ 1. Paternal Grandmother
- ☒ 2. Niece
- ☒ 3. Daughter
- ☒ 4. Sister

Question ID : 264330126977  
Status : Answered  
Chosen Option : 4

**Q.21** 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 : 264330127012  
Status : Answered  
Chosen Option : 1

**Q.22** 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.  
Tokyo : Japan :: ?

- ✓ 1. Havana : Cuba
- ✗ 2. Thailand : Bangkok
- ✗ 3. Egypt : Cairo
- ✗ 4. Italy : Rome

Question ID : 264330127328  
Status : Answered  
Chosen Option : 1

**Q.23** In the following question, select the related letters from the given alternatives.  
OB : TG :: PC : ?

- ✗ 1. GG
- ✓ 2. UH
- ✗ 3. HR
- ✗ 4. AB

Question ID : 264330126749  
Status : Answered  
Chosen Option : 2

**Q.24** In the following question, select the missing number from the given series.  
4, 6, 6, 10, 8, 14, 10, 18, ?, 22

- Ans** ☒ 1. 12  
☐ 2. 14  
☐ 3. 16  
☐ 4. 10

Question ID : 264330126744  
Status : Answered  
Chosen Option : 1

**Q.25** Select the option figure in which the given figure is embedded. (rotation is NOT allowed)



**Ans**

- ☐ 1.
- ☐ 2.
- ☐ 3.
- ☒ 4.

Question ID : 264330127235  
Status : Answered  
Chosen Option : 4

Section : Quantitative Aptitude

**Q.1** Due to an increase of 20 percent in the price of rice, the consumer decreases his consumption by 5 percent. What is the percentage change in total expenditure?

- Ans** ☐ 1. 10 percent  
☐ 2. 15 percent  
☐ 3. 12 percent  
☒ 4. 14 percent

Question ID : 264330127969  
Status : Answered  
Chosen Option : 3

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

- Ans**
- ☒ 1. 25
  - ☒ 2. 27
  - ☒ 3. 18
  - ☒ 4. 20

Question ID : 264330127977  
Status : Answered  
Chosen Option : 3

**Q.3** In a cyclic quadrilateral ABCD,  $\angle A$  is opposite to  $\angle C$ . If  $\angle A = 110$  degree, then what is the value of  $\angle C$ ?

- Ans**
- ☒ 1. 60 degree
  - ☒ 2. 50 degree
  - ☒ 3. 70 degree
  - ☒ 4. 55 degree

Question ID : 264330127723  
Status : Answered  
Chosen Option : 3

**Q.4** If  $P + \frac{1}{P} = 5$ , then what is the value of  $P^3 + \frac{1}{P^3}$ ?

- Ans**
- ☒ 1. 110
  - ☒ 2. 95
  - ☒ 3. 125
  - ☒ 4. 120

Question ID : 264330127753  
Status : Answered  
Chosen Option : 1

**Q.5** The table given below shows the income and expenditure of a company in five years.

Years	Income	Expenditure
L	800	400
M	600	300
N	500	400
P	900	300
Q	400	250

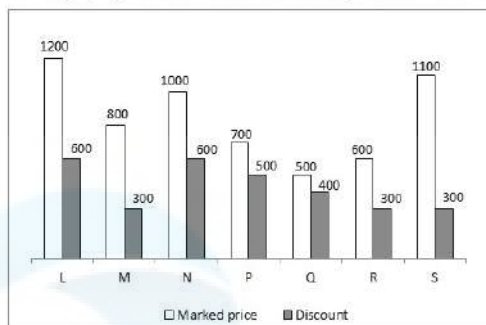
What is the difference between total income and total expenditure of the company for these five years?

- Ans**
- ☒ 1. 1260
  - ☒ 2. 1650
  - ☒ 3. 2040
  - ☒ 4. 1550

Question ID : 264330128011  
Status : Answered  
Chosen Option : 4



**Q.6** The bar graph given below shows the marked price and value of discount of 7 articles L, M, N, P, Q, R and S.



The total discount on all the articles is what percent of the total marked price of all the articles?

- Ans**
- ✗ 1. 32.64 percent
  - ✓ 2. 50.84 percent
  - ✗ 3. 60.32 percent
  - ✗ 4. 72.72 percent

Question ID : 264330128261

Status : Answered

Chosen Option : 2

**Q.7** In  $\triangle XYZ$ ,  $\angle YXZ = 90^\circ$  degree, P is a point on side YZ such that XP is perpendicular to YZ. If  $XP = YP = 10$  cm, then what will be value of PZ?

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

Question ID : 264330127976

Status : Answered

Chosen Option : 4

**Q.8**

What is the value of  $\frac{\frac{5}{3} \text{ of } \frac{1}{4} \times \frac{24}{5} - \frac{1}{5} \text{ of } \frac{25}{8} \times \frac{24}{5}}{\frac{5}{12} \text{ of } \frac{3}{4} \times \frac{4}{3} + \frac{3}{4} \text{ of } \frac{12}{5} \times \frac{5}{6}}$ ?

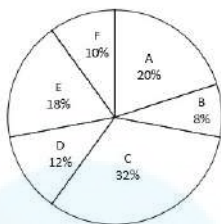
- Ans**
- ✗ 1.  $-\frac{24}{23}$
  - ✓ 2.  $-\frac{12}{23}$
  - ✗ 3.  $-\frac{25}{46}$
  - ✗ 4.  $-\frac{28}{23}$

Question ID : 264330127981

Status : Answered

Chosen Option : 2

- Q.9** The pie chart given below shows the number of girls in six schools. The total number of girls in all these six schools are 5000. Number of girls in a particular school is shown as a percentage of total number of girls in all these six schools.



What is the ratio of number of girls in school A to the number of girls in school E?

- Ans**
- ☒ 1. 5 : 8
  - ☒ 2. 10 : 9
  - ☒ 3. 6 : 7
  - ☒ 4. 9 : 10

Question ID : 264330127837  
Status : Answered  
Chosen Option : 2

- Q.10** If  $K + \frac{1}{K} = -3$ , then what is the value of  $\left(\frac{K^6+1}{K^3}\right) + \left(\frac{K^4+1}{K^2}\right)$ ?

- Ans**
- ☒ 1. 27
  - ☒ 2. -29
  - ☒ 3. 29
  - ☒ 4. -27

Question ID : 264330127829  
Status : Answered  
Chosen Option : 2

- Q.11** If  $\sin \theta = \frac{3}{11}$ , then what is the value of  $\cot \theta$ ?

- Ans**
- ☒ 1.  $\frac{3\sqrt{7}}{11}$
  - ☒ 2.  $\frac{4\sqrt{7}}{11}$
  - ☒ 3.  $\frac{4\sqrt{7}}{3}$
  - ☒ 4.  $\frac{3\sqrt{7}}{28}$

Question ID : 264330127732  
Status : Answered  
Chosen Option : 3

**Q.12** Selling price of a watch is Rs.1056 and profit percentage is 10 percent. If selling price is Rs. 800, then what will be the loss percentage?

- Ans** ✓ 1. 16.66 percent  
✗ 2. 25 percent  
✗ 3. 12.5 percent  
✗ 4. 15 percent

Question ID : 264330127820  
Status : Answered  
Chosen Option : 1

**Q.13** What is the value of  $\frac{3 \operatorname{cosec} 42^\circ}{\sec 48^\circ} - \frac{5 \cos 32^\circ}{\sin 58^\circ}$

- Ans** ✗ 1. -1  
✗ 2. 5  
✗ 3. 0  
✓ 4. -2

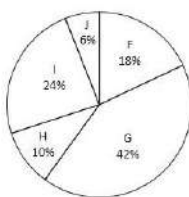
Question ID : 264330128157  
Status : Answered  
Chosen Option : 4

**Q.14** Rajeev invested Rs.3,000 for 2 years at compound interest (compounded annually) in a company which paid him interest of Rs.1,320. What will be the annual rate of interest at which Rajeev invested his money?

- Ans** ✗ 1. 30 percent  
✗ 2. 24 percent  
✗ 3. 16 percent  
✓ 4. 20 percent

Question ID : 264330128322  
Status : Answered  
Chosen Option : 4

**Q.15** The pie chart given below show the runs scored by 5 batsmen in a cricket match. Total runs scored by these batsmen are 300. Runs scored by a batsman is shown as a percentage of runs scored by all these five batsmen.



What is the average runs scored in F, I and J?

- Ans** ✓ 1. 48  
✗ 2. 36  
✗ 3. 42  
✗ 4. 58

Question ID : 264330128338  
Status : Answered  
Chosen Option : 1

**Q.16** The length of a cuboid is thrice of its breadth and the height of cuboid is twice of its breadth. If the breadth of the cuboid is 6 cm, then what is the total surface area of cuboid?

- Ans
- ☐ 1.  $844 \text{ cm}^2$
  - ☐ 2.  $708 \text{ cm}^2$
  - ☐ 3.  $762 \text{ cm}^2$
  - ☒ 4.  $792 \text{ cm}^2$

Question ID : 264330127966  
Status : Answered  
Chosen Option : 4

**Q.17** Two circles having equal radius intersect each other such that each passes through the centre of the other. Length of the common chord is 24 cm, then what will be the diameter of each circle?

- Ans
- ☒ 1.  $16\sqrt{3} \text{ cm}$
  - ☐ 2.  $8\sqrt{3} \text{ cm}$
  - ☐ 3.  $12\sqrt{3} \text{ cm}$
  - ☐ 4.  $10\sqrt{3} \text{ cm}$

Question ID : 264330127974  
Status : Answered  
Chosen Option : 3

**Q.18** If  $A = a \operatorname{cosec} \theta + b \cot \theta$  and  $B = a \cot \theta + b \operatorname{cosec} \theta$ , then what is the value of  $A^2 - B^2$ ?

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

Question ID : 264330127983  
Status : Not Answered  
Chosen Option : --

**Q.19** What is the value of  $2160 \times 3 \div 144 + 13 - 2$ ?

- Ans
- ☒ 1. 56
  - ☐ 2. 57
  - ☐ 3. 59
  - ☐ 4. 54

Question ID : 264330126481  
Status : Answered  
Chosen Option : 1

**Q.20** P, Q and R can complete a work alone in 12, 15 and 20 days respectively. They started the work together. P left the work 8 days before the work was completed and Q left the work 5 days after P had left. R completed the remaining work alone. How many days will be required to complete the whole work?

- Ans**
- ☒ 1. 32/3 days
  - ☒ 2. 10 days
  - ☒ 3. 28/3 days
  - ☒ 4. 25/3 days

Question ID : 264330128314  
Status : Answered  
Chosen Option : 1

**Q.21** A bus starts from a bus stand after every 50 minutes in the same direction. Mohit is walking in opposite direction with a speed of 50 km/hr. If Mohit meets each bus in 10 minutes, then what is the speed of bus?

- Ans**
- ☒ 1. 14.5 km/hr
  - ☒ 2. 15 km/hr
  - ☒ 3. 12.5 km/hr
  - ☒ 4. 10.5 km/hr

Question ID : 264330127965  
Status : Answered  
Chosen Option : 3

**Q.22** The marked price of an article is 150 percent of the cost price. If 20 percent discount is given, then what will be the profit percentage?

- Ans**
- ☒ 1. 20 percent
  - ☒ 2. 12.5 percent
  - ☒ 3. 25 percent
  - ☒ 4. 10 percent

Question ID : 264330127818  
Status : Answered  
Chosen Option : 1

**Q.23** An amount of Rs.12,029 is divided among P, Q and R such that P's share is 5 times Q's share and R's share is one-third of P's share. What is the share of R?

- Ans**
- ☒ 1. Rs.2,718
  - ☒ 2. Rs.2,312
  - ☒ 3. Rs.2,615
  - ☒ 4. Rs.2,518

Question ID : 264330127971  
Status : Answered  
Chosen Option : 3

**Q.24** Sum of the angles made by a chord at the centre and on the major arc of a circle is 225 degree. What will be the angle made at the major arc of this circle?

- Ans**
- ☒ 1. 125 degree
  - ☒ 2. 150 degree
  - ☒ 3. 90 degree
  - ☒ 4. 75 degree

Question ID : 264330128223  
Status : Answered  
Chosen Option : 4

**Q.25** The average runs scored by a batsman in 7 matches is 49 and in other 9 matches the average is 27. What is the average runs scored by the batsman in these 16 matches?

- Ans**
- ☒ 1. 35.725
  - ☒ 2. 28.475
  - ☒ 3. 40.25
  - ☒ 4. 36.625

Question ID : 264330127967  
Status : Answered  
Chosen Option : 4

Section : General awareness

**Q.1** Which among the following is the highest peak of Tamil Nadu?

- Ans**
- ☒ 1. Mahendragiri
  - ☒ 2. Anamudi
  - ☒ 3. Nanda Devi
  - ☒ 4. Doddabetta

Question ID : 264330125596  
Status : Not Answered  
Chosen Option : --

**Q.2** Which among the following is not a type of solar eclipse?

- Ans**
- ☒ 1. Annular
  - ☒ 2. Partial
  - ☒ 3. Penumbral
  - ☒ 4. Total

Question ID : 264330125418  
Status : Not Answered  
Chosen Option : --

**Q.3** Shri Bismillah khan was a famous player of musical instrument \_\_\_\_\_.

- Ans**
- ☒ 1. Tabla
  - ☒ 2. Drum
  - ☒ 3. Shehnai
  - ☒ 4. Veena

Question ID : 264330124911  
Status : Answered  
Chosen Option : 3

**Q.4 Who was appointed as the new Director General of National Investigation Agency (NIA) in June 2022?**

- Ans ☒ 1. Dinkar Gupta  
☒ 2. Anshul Mishra  
☒ 3. Yashwant Sonawane  
☒ 4. Kiran Bedi

Question ID : 264330125413  
Status : Not Answered  
Chosen Option : --

**Q.5 Which of the following countries is NOT one of the co-hosts of the ICC 2027 ODI World Cup?**

- Ans ☒ 1. Zimbabwe  
☒ 2. Kenya  
☒ 3. Namibia  
☒ 4. South Africa

Question ID : 264330125106  
Status : Answered  
Chosen Option : 3

**Q.6 Babur, the first Mughal emperor, succeeded to the throne of Ferghana in \_\_\_\_\_ when he was 12 years old.**

- Ans ☒ 1. 1494  
☒ 2. 1526  
☒ 3. 1504  
☒ 4. 1530

Question ID : 264330125074  
Status : Not Answered  
Chosen Option : --

**Q.7 Which article of the Indian constitution states that "Governor has power to promulgate ordinances during recess of legislature"?**

- Ans ☒ 1. 212  
☒ 2. 214  
☒ 3. 213  
☒ 4. 210

Question ID : 264330124928  
Status : Not Answered  
Chosen Option : --

**Q.8 Which of the following river forms the Dhuadhar falls?**

- Ans ☒ 1. Tapi  
☒ 2. Narmada  
☒ 3. Godavari  
☒ 4. Mahanadi

Question ID : 264330124846  
Status : Answered  
Chosen Option : 2

Q.9 Leo Tolstoy is best known for his \_\_\_\_\_.

- Ans ☒ 1. dance  
☒ 2. acting  
☒ 3. direction  
☒ 4. novels

Question ID : 264330124851  
Status : Answered  
Chosen Option : 4

Q.10 Which of the following rocks may also contain fossils of plants, animals and other microorganisms that once lived on them?

- Ans ☒ 1. Sedimentary rocks  
☒ 2. Extrusive igneous rocks  
☒ 3. Metamorphic rocks  
☒ 4. Intrusive igneous rocks

Question ID : 264330124922  
Status : Answered  
Chosen Option : 1

Q.11 Which of the following is a common type of Bryophyta?

- Ans ☒ 1. Cladophora  
☒ 2. Marsilea  
☒ 3. Marchantia  
☒ 4. Monocot

Question ID : 264330125069  
Status : Not Answered  
Chosen Option : --

Q.12 Who among the following Bollywood actress wrote "Unfinished: A Memoir"?

- Ans ☒ 1. Priyanka Chopra  
☒ 2. Kareena Kapoor  
☒ 3. Alia Bhatt  
☒ 4. Deepika Padukone

Question ID : 264330125601  
Status : Answered  
Chosen Option : 1

Q.13 Which of the following is a second generation system?

- Ans ☒ 1. IBM notebooks  
☒ 2. Sun workstations  
☒ 3. Honeywell 400  
☒ 4. Apple II

Question ID : 264330124908  
Status : Not Answered  
Chosen Option : --



**Q.14 Which citizen of the Republic of India was awarded the Nobel Peace Prize in the year 2014?**

- Ans ☒ 1. Amartya Sen  
☒ 2. C. V. Raman  
☒ 3. Kailash Satyarthi  
☒ 4. Rabindranath Tagore

Question ID : 264330125427  
Status : Not Answered  
Chosen Option : --

**Q.15 Which of the following is NOT a non-contact force?**

- Ans ☒ 1. Gravitational  
☒ 2. Electrostatic  
☒ 3. Friction  
☒ 4. Magnetic

Question ID : 264330125067  
Status : Answered  
Chosen Option : 3

**Q.16 Who was appointed as the new chairman of Central Board of Direct Taxes (CBDT) in June 2022?**

- Ans ☒ 1. Atulesh Jindal  
☒ 2. Rani Singh Nair  
☒ 3. Sudha Sharma  
☒ 4. Nitin Gupta

Question ID : 264330125414  
Status : Answered  
Chosen Option : 3

**Q.17 The One Stop Centre Scheme for women is funded by which of the following?**

- Ans ☒ 1. Cash Suvidha  
☒ 2. Saha Fund  
☒ 3. Nirbhaya Fund  
☒ 4. Rug Beneath My Feet

Question ID : 264330125416  
Status : Not Answered  
Chosen Option : --

**Q.18 Which Indian athlete won first silver medal in weightlifting at Tokyo Olympics 2020 held in 2021?**

- Ans ☒ 1. PV Sindhu  
☒ 2. Neeraj Chopra  
☒ 3. Ravi Dahiya  
☒ 4. Mirabai Chanu

Question ID : 264330125431  
Status : Answered  
Chosen Option : 4

Q.19 In India, the electoral bonds are valid for how many days from the date of issue?

- Ans ☒ 1. Fifteen days
- ☐ 2. Thirty days
- ☐ 3. Seven days
- ☐ 4. Fourteen days

Question ID : 264330125079  
Status : Answered  
Chosen Option : 4

Q.20 In the given expression of GDP according to the expenditure method, which of the following represents the aggregate imports expenditure incurred by the economy?  
 $C + I + G + X - M$

- Ans ☐ 1. C
- ☒ 2. M
- ☐ 3. I
- ☐ 4. X

Question ID : 264330125065  
Status : Not Answered  
Chosen Option : --

Q.21 Zakir Hussain is associated with which musical Instrument?

- Ans ☐ 1. Violin
- ☐ 2. Guitar
- ☒ 3. Tabla
- ☐ 4. Shehnai

Question ID : 264330125336  
Status : Answered  
Chosen Option : 3

Q.22 \_\_\_\_\_ administration became the model followed by the great emperor Akbar when he consolidated the Mughal Empire.

- Ans ☒ 1. Sher Shah Suri's
- ☐ 2. Alauddin Khalji's
- ☐ 3. Muhammad Tughluq's
- ☐ 4. Genghis Khan's

Question ID : 264330124925  
Status : Answered  
Chosen Option : 1

Q.23 Which Indian player won the most medals at Commonwealth games 2022?

- Ans ☐ 1. Pusarla Venkata Sindhu
- ☐ 2. Amit Panghal
- ☒ 3. Sharath Kamal
- ☐ 4. Sathiyar Gnanasekaran

Question ID : 264330125432  
Status : Answered  
Chosen Option : 3

Q.24 The world's highest motorable road passes through \_\_\_\_\_ pass in India, as of 2022.

- Ans ☒ 1. Khunjerab  
☒ 2. Rohtang  
☒ 3. Dihang  
☒ 4. Umling La

Question ID : 264330125423  
Status : Answered  
Chosen Option : 2

Q.25 Which of the following is NOT a valid file format in MS-Word 365?

- Ans ☒ 1. .dotx  
☒ 2. .dcp  
☒ 3. .doc  
☒ 4. .docx

Question ID : 264330125059  
Status : Answered  
Chosen Option : 1