

## Combined Higher Secondary Level Examination 2023 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	14/08/2023
Exam Time	11:45 AM - 12:45 PM
Subject	CHSL Exam 2023 Tier I

## Section : English Language

Q.1 Select the most appropriate option that can substitute the underlined words in the given sentence.

One of them who were hidings at the back of a rock fired at the villagers.

- Ans ☒ 1. one of them who were hiding behind a rock  
☒ 2. one of them who was hide behind a rock  
☒ 3. one of them who hiding behind a rock  
☒ 4. one of them who was hiding behind a rock

Question ID : 264330143119

Status : Answered

Chosen Option : 4

Q.2 Select the word which means the same as the group of words underlined in the given sentence.

I can't believe that I am doing this ordinary and dull task.

- Ans ☒ 1. immoral  
☒ 2. tenacious  
☒ 3. mundane  
☒ 4. destitute

Question ID : 264330144274

Status : Answered

Chosen Option : 3

Q.3 Select the option that expresses the given sentence in superlative degree of comparison.

It was probably the happy afternoon of her life.

- Ans ☒ 1. This afternoon of her life was the happy.  
☒ 2. It was an happier afternoon in their life before that.  
☒ 3. No change needed  
☒ 4. It was probably the happiest afternoon of her life.

Question ID : 264330143885

Status : Answered

Chosen Option : 4

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Q.4 Parts of a sentence are given below in jumbled order. Arrange the parts in the correct order to form a meaningful sentence.

P. but results in widespread hunger, death and social unrest

Q. some of the causes of famine in that region

R. drought, floods, war and economic instability are

S. which not only causes severe shortage of food

Ans ✓ 1. RQSP

✗ 2. RSQP

✗ 3. QRSP

✗ 4. QPSR

Question ID : 264330151315

Status : Answered

Chosen Option : 1

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

The \_\_\_\_\_ age for retirement is 65 years in India.

Ans ✗ 1. mendatory

✗ 2. mendetory

✗ 3. mendaytory

✓ 4. mandatory

Question ID : 264330144135

Status : Answered

Chosen Option : 4

Q.6 Parts of the following sentence have been given as options. Select the option that contains an error.

The news is very good to be true.

Ans ✗ 1. to be true

✓ 2. very good

✗ 3. The news

✗ 4. is

Question ID : 264330149682

Status : Answered

Chosen Option : 2

Q.7 The following sentence has been split into four segments. Identify the segment that contains a spelling error.

They need to / wave the participation / fees for people / with disabilities.

Ans ✓ 1. wave the participation

✗ 2. with disabilities.

✗ 3. fees for people

✗ 4. They need to

Question ID : 264330144287

Status : Answered

Chosen Option : 1

Q.8 Select the option that can be used as a one-word substitute for the underlined segment.

The child was not guilty of any wrongdoing and lacked knowledge or awareness of wrongdoing.

- Ans ☒ 1. ignorant  
☒ 2. inexperienced  
☒ 3. innocent  
☒ 4. cruel

Question ID : 264330149810  
 Status : Answered  
 Chosen Option : 3

Q.9 Parts of a sentence are given below in jumbled order. Select the option that arranges the parts in the correct order to form a meaningful sentence.

- A. Looks first to his own profit  
 B. And then to the king's,  
 C. Or destroys the king's gain altogether  
 D. The chief collector of revenue

- Ans ☒ 1. B, D, A, C  
☒ 2. D, A, B, C  
☒ 3. D, C, A, B  
☒ 4. A, B, C, D

Question ID : 264330142613  
 Status : Answered  
 Chosen Option : 2

Q.10 Select the most appropriate synonym of 'potential' in the given sentence.

I have seen Radhya growing in the last few years; she now has the capability to fight worse situations.

- Ans ☒ 1. Worse  
☒ 2. Situations  
☒ 3. Growing  
☒ 4. Capability

Question ID : 264330144321  
 Status : Answered  
 Chosen Option : 4

Q.11 Select the most appropriate synonym for the given word.

Strength

- Ans ☒ 1. Recluse  
☒ 2. Weakness  
☒ 3. Power  
☒ 4. Disability

Question ID : 264330149881  
 Status : Answered  
 Chosen Option : 3

Q.12 Select the most appropriate synonym of the given word.  
Feasibility

- Ans ☒ 1. Sustainability  
☒ 2. Impropriety  
☒ 3. Heavy  
☒ 4. Probability

Question ID : 264330141285  
Status : Answered  
Chosen Option : 1

Q.13 Select the option that expresses the given sentence in active voice.  
Would pizza or burger rather be eaten by you?

- Ans ☒ 1. Would you rather eat pizza or burger?  
☒ 2. Would you rather eaten pizza or burger?  
☒ 3. Would you rather ate pizza or burger?  
☒ 4. Would you eat pizza or burger?

Question ID : 264330144829  
Status : Answered  
Chosen Option : 1

Q.14 Select the most appropriate option that can substitute the underlined words in the given sentence.

She's been beating around the bush all afternoon - I just wish she would come out and tell us what she really thinks.

- Ans ☒ 1. avoiding to talk directly about a topic or issue  
☒ 2. trying to be overprotective  
☒ 3. denying to have her head in the clouds  
☒ 4. there to give the cold shoulder

Question ID : 264330144168  
Status : Answered  
Chosen Option : 1

Q.15 Select the most appropriate synonym of the given word.

Elaborate

- Ans ☒ 1. Easy  
☒ 2. Complex  
☒ 3. Simple  
☒ 4. Plain

Question ID : 264330144150  
Status : Answered  
Chosen Option : 2

**Q.16** Select the most appropriate option that can substitute the underlined words in the given sentence.

It's not polite to blow your own trumpet in front of others.

- Ans** ☒ 1. brag one's own accomplishment  
☒ 2. criticise someone unfairly  
☒ 3. play a musical instrument  
☒ 4. give someone a compliment

Question ID : 264330144165  
 Status : Answered  
 Chosen Option : 1

**Q.17** Select the most appropriate option that can be used as a one-word substitute for the underlined segment in the following sentence.

After the scandal, the king was left with no choice but to announce his act of renouncing the throne.

- Ans** ☒ 1. coronation  
☒ 2. extradition  
☒ 3. exoneration  
☒ 4. abdication

Question ID : 264330148911  
 Status : Answered  
 Chosen Option : 4

**Q.18** Select the most appropriate ANTONYM of the given word.

Ambivalent

- Ans** ☒ 1. Unpredictable  
☒ 2. Legitimate  
☒ 3. Unequivocal  
☒ 4. Irresistible

Question ID : 264330143982  
 Status : Answered  
 Chosen Option : 4

**Q.19** Select the most appropriate option that expresses the given sentence in active voice.  
 The package was delivered by the courier to the recipient's doorstep.

- Ans** ☒ 1. The recipient received the package delivered by the courier.  
☒ 2. The package was being delivered by the courier to the recipient's doorstep.  
☒ 3. The courier delivered the package to the recipient's doorstep.  
☒ 4. The package was delivered to the recipient's doorstep by the courier.

Question ID : 264330144190  
 Status : Answered  
 Chosen Option : 4

Q.20 Select the most appropriate option that can replace the underlined word in the following sentence.

The incurrigible optimism displayed by Aishwarya in difficult situations turned out her to be a favourite among her friends.

- Ans
- ☐ 1. translucent
  - ☐ 2. illustrious
  - ☒ 3. unchanged
  - ☐ 4. barefooted

Question ID : 264330148926

Status : Answered

Chosen Option : 3

#### Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Climatic disasters are (1)\_\_\_\_\_ increasingly common due to the effects of climate change. These disasters include extreme weather events such as hurricanes, tornadoes, floods and droughts. To mitigate the effects of these disasters, it is essential to invest in disaster preparedness and (2)\_\_\_\_\_. The impact of climatic disasters is not limited to the loss of life and property damage. For example, hurricanes can disrupt the oil and gas industry, leading to higher fuel prices and (3)\_\_\_\_\_. Floods can damage crops and infrastructure, leading to food shortages and disruptions to transportation systems. Rising temperatures can lead to more frequent heat waves, while changes in precipitation patterns can lead to more (4)\_\_\_\_\_ droughts and floods. Climatic disasters disproportionately affect vulnerable populations. Collaboration among governments, communities and businesses is crucial for effective disaster preparedness and response. This involves investing in early warning systems, improving infrastructure and emergency services and planning for post-disaster recovery. By taking a (5)\_\_\_\_\_ approach to disaster management, we can reduce the impacts of climatic disasters and build more resilient communities.

SubQuestion No : 21

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

- Ans
- ☐ 1. became
  - ☒ 2. becoming
  - ☐ 3. become
  - ☐ 4. becomes

Question ID : 264330149804

Status : Answered

Chosen Option : 2

### Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Climatic disasters are (1)\_\_\_\_\_ increasingly common due to the effects of climate change. These disasters include extreme weather events such as hurricanes, tornadoes, floods and droughts. To mitigate the effects of these disasters, it is essential to invest in disaster preparedness and (2)\_\_\_\_\_. The impact of climatic disasters is not limited to the loss of life and property damage. For example, hurricanes can disrupt the oil and gas industry, leading to higher fuel prices and (3)\_\_\_\_\_. Floods can damage crops and infrastructure, leading to food shortages and disruptions to transportation systems. Rising temperatures can lead to more frequent heat waves, while changes in precipitation patterns can lead to more (4)\_\_\_\_\_ droughts and floods. Climatic disasters disproportionately affect vulnerable populations. Collaboration among governments, communities and businesses is crucial for effective disaster preparedness and response. This involves investing in early warning systems, improving infrastructure and emergency services and planning for post-disaster recovery. By taking a (5)\_\_\_\_\_ approach to disaster management, we can reduce the impacts of climatic disasters and build more resilient communities.

### SubQuestion No : 22

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

- Ans ☒ 1. regeneration  
☒ 2. response  
☒ 3. evaluation  
☒ 4. manifestation

Question ID : 264330149805

Status : Answered

Chosen Option : 2

### Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Climatic disasters are (1)\_\_\_\_\_ increasingly common due to the effects of climate change. These disasters include extreme weather events such as hurricanes, tornadoes, floods and droughts. To mitigate the effects of these disasters, it is essential to invest in disaster preparedness and (2)\_\_\_\_\_. The impact of climatic disasters is not limited to the loss of life and property damage. For example, hurricanes can disrupt the oil and gas industry, leading to higher fuel prices and (3)\_\_\_\_\_. Floods can damage crops and infrastructure, leading to food shortages and disruptions to transportation systems. Rising temperatures can lead to more frequent heat waves, while changes in precipitation patterns can lead to more (4)\_\_\_\_\_ droughts and floods. Climatic disasters disproportionately affect vulnerable populations. Collaboration among governments, communities and businesses is crucial for effective disaster preparedness and response. This involves investing in early warning systems, improving infrastructure and emergency services and planning for post-disaster recovery. By taking a (5)\_\_\_\_\_ approach to disaster management, we can reduce the impacts of climatic disasters and build more resilient communities.

### SubQuestion No : 23

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

- Ans ☒ 1. fatigue  
☒ 2. shortages  
☒ 3. failure  
☒ 4. drought

Question ID : 264330149806

Status : Answered

Chosen Option : 2



**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Climatic disasters are (1)\_\_\_\_\_ increasingly common due to the effects of climate change. These disasters include extreme weather events such as hurricanes, tornadoes, floods and droughts. To mitigate the effects of these disasters, it is essential to invest in disaster preparedness and (2)\_\_\_\_\_. The impact of climatic disasters is not limited to the loss of life and property damage. For example, hurricanes can disrupt the oil and gas industry, leading to higher fuel prices and (3)\_\_\_\_\_. Floods can damage crops and infrastructure, leading to food shortages and disruptions to transportation systems. Rising temperatures can lead to more frequent heat waves, while changes in precipitation patterns can lead to more (4)\_\_\_\_\_ droughts and floods. Climatic disasters disproportionately affect vulnerable populations. Collaboration among governments, communities and businesses is crucial for effective disaster preparedness and response. This involves investing in early warning systems, improving infrastructure and emergency services and planning for post-disaster recovery. By taking a (5)\_\_\_\_\_ approach to disaster management, we can reduce the impacts of climatic disasters and build more resilient communities.

**SubQuestion No : 24**

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

- Ans ☒ 1. fast  
☒ 2. rare  
☒ 3. frequent  
☒ 4. speedy

Question ID : 264330149807

Status : Answered

Chosen Option : 3

**Comprehension:**

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Climatic disasters are (1)\_\_\_\_\_ increasingly common due to the effects of climate change. These disasters include extreme weather events such as hurricanes, tornadoes, floods and droughts. To mitigate the effects of these disasters, it is essential to invest in disaster preparedness and (2)\_\_\_\_\_. The impact of climatic disasters is not limited to the loss of life and property damage. For example, hurricanes can disrupt the oil and gas industry, leading to higher fuel prices and (3)\_\_\_\_\_. Floods can damage crops and infrastructure, leading to food shortages and disruptions to transportation systems. Rising temperatures can lead to more frequent heat waves, while changes in precipitation patterns can lead to more (4)\_\_\_\_\_ droughts and floods. Climatic disasters disproportionately affect vulnerable populations. Collaboration among governments, communities and businesses is crucial for effective disaster preparedness and response. This involves investing in early warning systems, improving infrastructure and emergency services and planning for post-disaster recovery. By taking a (5)\_\_\_\_\_ approach to disaster management, we can reduce the impacts of climatic disasters and build more resilient communities.

**SubQuestion No : 25**

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

- Ans ☒ 1. proactive  
☒ 2. productive  
☒ 3. bioactive  
☒ 4. inactive

Question ID : 264330149808

Status : Answered

Chosen Option : 2

**Q.1** Select the triad in which the numbers are related in the same way as are the numbers of the following triads.

3 - 4 - 24

4 - 7 - 56

(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. 9 - 12 - 54
  - ☒ 2. 8 - 7 - 53
  - ☒ 3. 2 - 3 - 18
  - ☒ 4. 5 - 8 - 80

Question ID : 264330147363

Status : Answered

Chosen Option : 4

**Q.2** Read the given statements and conclusions carefully. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which conclusion/s logically and definitely follow/s from the given statements.

Statements: Some Salts are Baths. All Tubs are Drums. Some Baths are Tubs.

Conclusions: (I) Some Salts are Tubs.

(II) Some Drums are Baths.

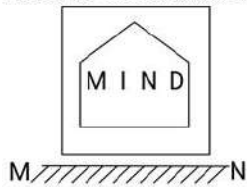
- Ans**
- ☒ 1. Both conclusions (I) and (II) follow.
  - ☒ 2. Both conclusions (I) and (II) do not follow.
  - ☒ 3. Only conclusion (I) follows.
  - ☒ 4. Only conclusion (II) follows.

Question ID : 264330151164

Status : Answered

Chosen Option : 4

Q.3 Select the correct mirror image of the given figure when the mirror is placed at MN as shown.

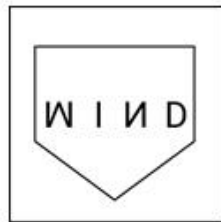


Ans

✗ 1.



✓ 2.



✗ 3.



✗ 4.



Question ID : 264330146482

Status : Answered

Chosen Option : 2

Q.4 If 14 March 2007 is Wednesday, then what will be the day of the week on 17 June 2013?

Ans ✗ 1. Thursday

✗ 2. Friday

✓ 3. Monday

✗ 4. Saturday

Question ID : 264330146562

Status : Not Answered

Chosen Option : --

**Q.5** Three of the following number triads are alike in some manner and one is different. Select the odd number triads.

(NOTE: The second and third numbers in the given number triads are formed by performing a certain operation on the first number. The same operation is followed in all the number triads except one. Find that odd number triads.)

- Ans**
- ☒ 1. 4 : 16 : 12
  - ☒ 2. 15 : 225 : 210
  - ☒ 3. 11 : 121 : 110
  - ☒ 4. 7 : 49 : 40

Question ID : 264330150874  
Status : Answered  
Chosen Option : 4

**Q.6** What will come in place of the question mark (?) in the following equation if '+' and '×' are interchanged and '-' and '÷' are interchanged?  
 $14 \div 6 - 4 \times 15 + 5 = ?$

- Ans**
- ☒ 1. 25
  - ☒ 2. 43
  - ☒ 3. 13
  - ☒ 4. 35

Question ID : 264330151034  
Status : Answered  
Chosen Option : 4

**Q.7** Select the option in which the letter-clusters share the same relationship as that shared by the given pair of letter-clusters.

NEZ : UIV

BIL : IOH

- Ans**
- ☒ 1. IUN : PAJ
  - ☒ 2. TAP : AET
  - ☒ 3. PIL : IOP
  - ☒ 4. AOR : JUM

Question ID : 264330146950  
Status : Answered  
Chosen Option : 1

**Q.8** In a certain code language, 'KARAN' is coded as 'OCVCR' and 'STAPLE' is coded as 'WVERPG'. What is the code for 'JOYFUL' in the given code language?

- Ans**
- ☒ 1. NQCHWN
  - ☒ 2. NPCHYN
  - ☒ 3. NQAHYN
  - ☒ 4. NQCHYN

Question ID : 264330147399  
Status : Answered  
Chosen Option : 4

**Q.9** What should come in place of the question mark (?) in the given series?

18, 72, ?, 1152, 4608

- Ans**
- ☒ 1. 274
  - ☒ 2. 218
  - ☒ 3. 304
  - ☒ 4. 288

Question ID : 264330147434

Status : Answered

Chosen Option : 4

**Q.10** DJM is related to BHK in a certain way based on the English alphabetical order. In the same way, JNP is related to HLN. To which of the following is HFD related following the same logic?

- Ans**
- ☒ 1. ECA
  - ☒ 2. JHF
  - ☒ 3. FDB
  - ☒ 4. DFH

Question ID : 264330152077

Status : Answered

Chosen Option : 3

**Q.11** Identify the figure given in the options that when put in place of the question mark (?) will logically complete the series.

□	C	↑	8	□	Z	Z	D	↑	□	Z	C	
	D			↑			8			↑		?
Z		8	D		C	C		□	8		D	

Ans

✗ 1.

C	D	↑
	□	
Z		8

✓ 2.

C	8	↑
	□	
D		Z

✗ 3.

↑	D	□
	C	
Z		8

✗ 4.

D	8	Z
	□	
C		↑

Question ID : 264330151185

Status : Not Answered

Chosen Option : --

**Q.12** Three of the following number triads are alike in some manner and one is different. Select the odd number triad.

(NOTE: The second and third numbers in the given number triads are formed by performing a certain operation on the first number. The same operation is followed in all the number triads except one. Find that odd number triads.)

Ans

✗ 1. 3 : 21 : 147

✓ 2. 8 : 56 : 3100

✗ 3. 1 : 7 : 49

✗ 4. 10 : 70 : 490

Question ID : 264330150871

Status : Answered

Chosen Option : 2

**Q.13** Select the term from among the given options that can replace the question mark (?) in the following series based on the English alphabetical order.  
MVJ, OYN, QBR, SEV, ?

- Ans**
- ☒ 1. THY
  - ☒ 2. TGY
  - ☒ 3. UHZ
  - ☒ 4. UGX

Question ID : 264330147482  
Status : Answered  
Chosen Option : 3

**Q.14** Which of the following four options can replace the question mark (?) in the following series?

66, 87, 110, ?, 162, 191

- Ans**
- ☒ 1. 120
  - ☒ 2. 125
  - ☒ 3. 146
  - ☒ 4. 135

Question ID : 264330146753  
Status : Answered  
Chosen Option : 4

**Q.15** In a certain code language,  
A + B means 'A is the sister of B',  
A - B means 'A is the mother of B',  
A × B means 'A is the husband of B' and  
A ÷ B means 'A is the father of B'.  
Based on the above, how is Q related to R if S + Q ÷ L × H - R'?

- Ans**
- ☒ 1. Father's father
  - ☒ 2. Father's son
  - ☒ 3. Mother's father
  - ☒ 4. Brother's father

Question ID : 264330150989  
Status : Answered  
Chosen Option : 1

**Q.16** Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.  
(The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)  
Big – Small

- Ans**
- ✓ 1. Old – Young
  - ✗ 2. Present – Gift
  - ✗ 3. Crow – Black
  - ✗ 4. Rich – Wealthy

Question ID : 264330147262  
Status : Answered  
Chosen Option : 1

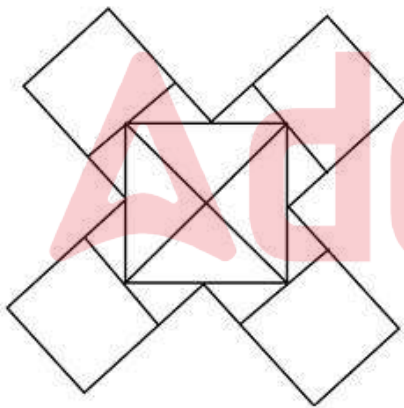
**Q.17** Select the combination of letters that when sequentially placed in the blanks of the given series will make the series logically complete.

\_TCUBH\_VB\_QWBIX\_

- Ans**
- ✗ 1. BOJY
  - ✗ 2. VJBX
  - ✗ 3. ADCB
  - ✓ 4. BJVX

Question ID : 264330146747  
Status : Not Answered  
Chosen Option : --

**Q.18** How many triangles are there in the given figure?



- Ans**
- ✗ 1. 14
  - ✗ 2. 12
  - ✗ 3. 15
  - ✓ 4. 16

Question ID : 264330146931  
Status : Answered  
Chosen Option : 4



**Q.19** In a certain code language, 'BROW' is coded as '5064' and 'WORN' is coded as '4705'. What is the code for 'B' in the given code language?

- Ans
- ☒ 1. 0
  - ☒ 2. 4
  - ☒ 3. 5
  - ☒ 4. 6

Question ID : 264330146586  
Status : Answered  
Chosen Option : 4

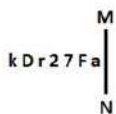
**Q.20** What will come in the place of '?' in the following equation, if '+' and '-' are interchanged with '×' and '÷', respectively ?

$$24 - 3 \div 4 \times 45 + 5 = ?$$

- Ans
- ☒ 1. 70
  - ☒ 2. 63
  - ☒ 3. 72
  - ☒ 4. 67

Question ID : 264330152184  
Status : Not Answered  
Chosen Option : --

**Q.21** Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans
- ☒ 1. kD157Fa
  - ☒ 2. kD127Fa
  - ☒ 3. kD127Fa
  - ☒ 4. kD157Fa

Question ID : 264330146701  
Status : Answered  
Chosen Option : 4

**Q.22** Read the given statements and conclusions carefully. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which conclusion/s logically follow/s from the given statements.

Statements: All forests are deserts. Some deserts are valleys. All valleys are hills.

Conclusion (I): No hill is a forest.

Conclusion (II): Some deserts are hills.

- Ans**
- ✓ 1. Only conclusion II follows.
  - ✗ 2. Neither conclusion I nor II follows.
  - ✗ 3. Only conclusion I follows.
  - ✗ 4. Both conclusions I and II follow.

Question ID : 264330152019  
Status : Answered  
Chosen Option : 4

**Q.23** F is the father of G's father. G is married to H. H is the mother of I. J is the sister of G. K is the father of J. J is married to L. M is the brother of I and married to N. How is J related to I?

- Ans**
- ✓ 1. Father's sister
  - ✗ 2. Sister
  - ✗ 3. Father's brother
  - ✗ 4. Mother's mother

Question ID : 264330151437  
Status : Answered  
Chosen Option : 1

**Q.24** Based on the alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which of the following does NOT belong to that group?

- Ans**
- ✗ 1. SVT
  - ✓ 2. KML
  - ✗ 3. DGE
  - ✗ 4. NQO

Question ID : 264330146962  
Status : Answered  
Chosen Option : 2

**Q.25** What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$300 + 242 \times 11 - 15 \div 9 = ?$$

- Ans**
- ✗ 1. 324
  - ✗ 2. 143
  - ✓ 3. 413
  - ✗ 4. 341

Question ID : 264330147326  
Status : Answered  
Chosen Option : 3

Section : Quantitative Aptitude

**Q.1** Suhas, a 3.15 m tall tree, and a building are positioned such that their feet on the ground are collinear and the tree is located between Suhas and the building. The tree is located at a distance of 7.5 m from Suhas and at a distance of 45 m from the building. Further, the eyes of Suhas, the top of the tree, and the top of the building fall in one line, and the eyes of Suhas are at a height of 1.8 m from the ground. Find the height (in m) of the building.

- Ans**
- ✓ 1. 11.25
  - ✗ 2. 11.50
  - ✗ 3. 10.25
  - ✗ 4. 10.75

Question ID : 264330146816  
Status : Not Answered  
Chosen Option : --

**Q.2** If  $3\cot A = 4$  and  $A$  is an acute angle, then find the value of  $\sec A$ .

- Ans**
- ✗ 1.  $\frac{3}{4}$
  - ✓ 2.  $\frac{5}{4}$
  - ✗ 3.  $\frac{4}{5}$
  - ✗ 4.  $\frac{5}{3}$

Question ID : 264330151390  
Status : Answered  
Chosen Option : 2

**Q.3** The number 76050 is NOT divisible by which of the following numbers?

- Ans**
- ✓ 1. 4
  - ✗ 2. 9
  - ✗ 3. 3
  - ✗ 4. 13

Question ID : 264330147883  
Status : Answered  
Chosen Option : 1

**Q.4** A merchant marked his goods 20% above the cost price and sold the goods at a profit of 8%. The rate of discount is:

- Ans**
- ✗ 1. 15%
  - ✓ 2. 10%
  - ✗ 3. 12%
  - ✗ 4. 8%

Question ID : 264330148235  
Status : Answered  
Chosen Option : 2

**Q.5** The radius of a circle is increased by 20%. Find the percentage increase in the circumference of the circle.

- Ans**
- ☒ 1. 30%
  - ☒ 2. 20%
  - ☒ 3. 15%
  - ☒ 4. 40%

Question ID : 264330148156  
Status : Answered  
Chosen Option : 2

**Q.6** Simplify:  $\frac{(0.83)^2 - (0.1)^2}{(0.83)^2 + 0.083 + 0.01} = ?$

- Ans**
- ☒ 1. 0.98
  - ☒ 2. 0.27
  - ☒ 3. 0.93
  - ☒ 4. 0.73

Question ID : 264330148066  
Status : Not Answered  
Chosen Option : --

**Q.7** If  $x + \frac{1}{x} = 2$ , then find the value of  $x^5 + \frac{1}{x^5}$ .

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

Question ID : 264330147993  
Status : Answered  
Chosen Option : 3

**Q.8** Two circles touch each other externally at P. AB is a direct common tangent to the two circles, A and B are points of contact and  $\angle PAB = 22^\circ$ . The measure of  $\angle ABP$  is:

- Ans**
- ☒ 1.  $72^\circ$
  - ☒ 2.  $68^\circ$
  - ☒ 3.  $70^\circ$
  - ☒ 4.  $44^\circ$

Question ID : 264330148862  
Status : Answered  
Chosen Option : 2

**Q.9** 9 cm long perpendicular is drawn from the center of the circle to a 24 cm long chord. Find the radius of the circle.

- Ans**
- ☒ 1. 17 cm
  - ☒ 2. 18 cm
  - ☒ 3. 16 cm
  - ☒ 4. 15 cm

Question ID : 264330148209  
Status : Answered  
Chosen Option : 4

**Q.10** A man borrowed a certain sum of money at the rate of 10% per annum simple interest for the first three years and 15% per annum simple interest for the period beyond three years. If he pays a total interest of ₹2,884.50 at the end of 7 years, then the sum of money (in ₹) that he borrowed is:

- Ans**
- ☒ 1. 3,860
  - ☒ 2. 3,090
  - ☒ 3. 4,550
  - ☒ 4. 3,205

Question ID : 264330151048  
Status : Not Answered  
Chosen Option : --

**Q.11** Find the value of  $\sin 47^\circ \cos 33^\circ - \cos 43^\circ \sin 57^\circ$ .

- Ans**
- ☒ 1. -1
  - ☒ 2. 1
  - ☒ 3. 0
  - ☒ 4.  $\frac{1}{2}$

Question ID : 264330148211  
Status : Not Answered  
Chosen Option : --

**Q.12** Simplify the given expression.  $\frac{(4.2)^2 - 0.008}{(4.2)^2 + 0.84 + 0.04}$

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

Question ID : 264330147950  
Status : Answered  
Chosen Option : 1

**Q.13** If two qualities of a fruit costing ₹20 per kg and ₹38 per kg are mixed in the ratio of 5 : 4, then find the cost of the mixture per kg (in ₹).

- Ans**
- ☒ 1. 30
  - ☒ 2. 31
  - ☒ 3. 29
  - ☒ 4. 28

Question ID : 264330150929  
Status : Answered  
Chosen Option : 4

**Q.14** The total surface area of a cylinder whose radius is 6 cm and height is 8 cm is  $\left(\text{use } \pi = \frac{22}{7}\right)$ :

- Ans**
- ☒ 1. 528 cm<sup>2</sup>
  - ☒ 2. 575 cm<sup>2</sup>
  - ☒ 3. 658 cm<sup>2</sup>
  - ☒ 4. 625 cm<sup>2</sup>

Question ID : 264330147938  
Status : Answered  
Chosen Option : 1

**Q.15** In an election, a candidate who got 73% of the votes is elected by a majority of 1426 votes. If 20% of votes are invalid, then what is the total number of votes polled?

- Ans**
- ☒ 1. 1878
  - ☒ 2. 4824
  - ☒ 3. 2865
  - ☒ 4. 3875

Question ID : 264330148784  
Status : Not Answered  
Chosen Option : --

**Q.16** A shopkeeper earns 15% profit on his goods. He loses 10% of his goods during transportation. What is his overall profit/ loss percentage?

- Ans**
- ☒ 1. Profit, 3.5%
  - ☒ 2. Profit, 5%
  - ☒ 3. Loss, 3.5%
  - ☒ 4. Loss, 5%

Question ID : 264330149258  
Status : Answered  
Chosen Option : 1

**Q.17** A can finish a work in 25 days, and B can do the same work in 15 days. B worked for 10 days and left the job. A alone can finish the remaining work in how many days?

Ans

✗ 1.  $7\frac{1}{3}$  days

✗ 2.  $6\frac{1}{3}$  days

✓ 3.  $8\frac{1}{3}$  days

✗ 4.  $5\frac{1}{3}$  days

Question ID : 264330147629

Status : Answered

Chosen Option : 3

**Q.18** If  $\sec\theta + \tan\theta = 4$ , then  $\sec\theta - \tan\theta =$  \_\_\_\_\_.

Ans

✓ 1.  $\frac{1}{4}$

✗ 2.  $\frac{1}{2}$

✗ 3. 2

✗ 4. 4

Question ID : 264330147648

Status : Answered

Chosen Option : 1

**Q.19** The table given below shows the number of aerated drinks—A, B, C, D—manufactured (in thousands) by a company over the years.

YEAR	Aerated Drinks			
	A	B	C	D
2019	250	200	140	115
2020	200	230	170	120
2021	260	210	195	135
2022	275	175	190	155

The manufacturing numbers of which aerated drink saw a continuous decrease from 2020 to 2022?

Ans

✗ 1. C

✓ 2. B

✗ 3. D

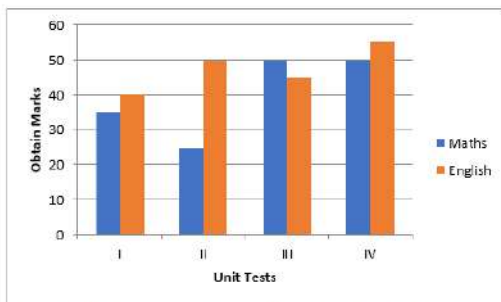
✗ 4. A

Question ID : 264330147672

Status : Answered

Chosen Option : 2

**Q.20** The graph shows the marks obtain by the four students in mathematics and English in four Unit Tests.



The difference between the average marks obtain for all unit tests in both subject is:

- Ans**
- ☒ 1. 7.25
  - ☒ 2. 7.50
  - ☒ 3. 7.40
  - ☒ 4. 7.75

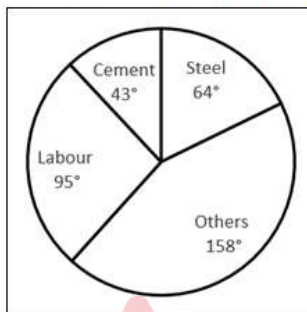
Question ID : 264330148816

Status : Not Answered

Chosen Option : --

**Q.21** Break-up of the cost of construction of a house is shown in the following pie chart.

The total cost of the construction of a house is ₹3,79,800.



What is the amount spent on steel?

- Ans**
- ☒ 1. ₹1,36,728
  - ☒ 2. ₹67,520
  - ☒ 3. ₹6,75,200
  - ☒ 4. ₹67,52,000

Question ID : 264330150947

Status : Not Answered

Chosen Option : --



**Q.22** The speed of a car going from A to B is 110 km/h, while coming back, its speed is 76 km/h. What is the average speed during the entire journey?

Ans

☐ 1.  $87\frac{81}{99}$  km/h

☐ 2.  $83\frac{89}{93}$  km/h

☒ 3.  $89\frac{83}{93}$  km/h

☐ 4.  $82\frac{91}{97}$  km/h

Question ID : 264330150740

Status : Not Answered

Chosen Option : --

**Q.23** What is the third proportional of  $2\sqrt{3}$  and  $6\sqrt{5}$  ?

Ans

☐ 1.  $50\sqrt{6}$

☐ 2.  $40\sqrt{3}$

☐ 3.  $20\sqrt{6}$

☒ 4.  $30\sqrt{3}$

Question ID : 264330148006

Status : Not Answered

Chosen Option : --

**Q.24** The marked price on a fancy item is ₹250 but there is an 18% discount during festival season. The price of the fancy item after discount is:

Ans

☐ 1. ₹204

☒ 2. ₹205

☐ 3. ₹202

☐ 4. ₹208

Question ID : 264330148254

Status : Not Answered

Chosen Option : --

**Q.25** Two persons A and B are running around a circular track of length 1200 m with respective speeds of 27 kmph and 36 kmph. They started at the same time from the same point and are running in the same direction. When will they meet for the first time on the track (in seconds)?

Ans

☐ 1. 420

☐ 2. 240

☒ 3. 480

☐ 4. 360

Question ID : 264330147761

Status : Not Answered

Chosen Option : --

**Q.1** When did the Government of India bring the gender sensitivities of the budgetary allocation in its statement for the first time?

- Ans**
- ☒ 1. 2004-05
  - ☒ 2. 2007-08
  - ☒ 3. 2006-07
  - ☒ 4. 2005-06

Question ID : 264330146102  
Status : Not Answered  
Chosen Option : --

**Q.2** Which of these measures of money supply is referred to as the aggregate monetary resources?

- Ans**
- ☒ 1. M4
  - ☒ 2. M1
  - ☒ 3. M2
  - ☒ 4. M3

Question ID : 264330144695  
Status : Not Answered  
Chosen Option : --

**Q.3** \_\_\_\_\_ is/are an item for which both, GST and central excise duty are applicable in India.

- Ans**
- ☒ 1. Alcohol for human consumption
  - ☒ 2. Tobacco and tobacco products
  - ☒ 3. Petroleum products
  - ☒ 4. All the agricultural commodities

Question ID : 264330145870  
Status : Answered  
Chosen Option : 4

**Q.4** Who among the following was the Governor General of India when the Permanent Settlement was introduced in Bengal for revenue collection by the East India Company?

- Ans**
- ☒ 1. Lord Cornwallis
  - ☒ 2. Lord Wellesly
  - ☒ 3. Lord Dalhousie
  - ☒ 4. Lord Canning

Question ID : 264330152555  
Status : Answered  
Chosen Option : 1

Q.5 The length of the playing surface for Table Tennis is \_\_\_\_\_.

- Ans ☒ 1. 2.74 m  
☒ 2. 3.74 m  
☒ 3. 4.74 m  
☒ 4. 5.74 m

Question ID : 264330146004  
 Status : Not Answered  
 Chosen Option : --

Q.6 Which state appointed Robin Uthappa as brand ambassador for the Brain Health Initiative in 2022?

- Ans ☒ 1. Tamil Nadu  
☒ 2. West Bengal  
☒ 3. Odisha  
☒ 4. Karnataka

Question ID : 264330146295  
 Status : Not Answered  
 Chosen Option : --

Q.7 Who among the following long jumpers won the first ever silver medal for India in the long jump at common wealth games 2022?

- Ans ☒ 1. Niraj Upadhyay  
☒ 2. Saurav Ghoshal  
☒ 3. Murali Sreeshankar  
☒ 4. Prashnata Sahoo

Question ID : 264330154828  
 Status : Not Answered  
 Chosen Option : --

Q.8 Which of the following universities was founded by Pala rulers?

- Ans ☒ 1. Vikramasila  
☒ 2. Nalanda  
☒ 3. Valabhi  
☒ 4. Taxila

Question ID : 264330150089  
 Status : Not Answered  
 Chosen Option : --

Q.9 Gaan-Ngai is a five-day festival primarily celebrated in which part of India?

- Ans
- ☒ 1. Northern
  - ☒ 2. North-Eastern
  - ☒ 3. Western
  - ☒ 4. Southern

Question ID : 264330145777  
Status : Not Answered  
Chosen Option : --

Q.10 What is the aim of fundamental rights mentioned in the Indian Constitution ?

- Ans
- ☒ 1. To establish a welfare state
  - ☒ 2. To have an absolute independence
  - ☒ 3. To promote economic justice
  - ☒ 4. To establish political democracy

Question ID : 264330145931  
Status : Answered  
Chosen Option : 1

Q.11 What is the type of soil composed of silt and dust?

- Ans
- ☒ 1. Loam
  - ☒ 2. Marl
  - ☒ 3. Loess
  - ☒ 4. Podsol

Question ID : 264330144487  
Status : Answered  
Chosen Option : 1

Q.12 Which of the following is NOT a fundamental duty mentioned in the Indian Constitution?

- Ans
- ☒ 1. To bring reform
  - ☒ 2. To develop humanism
  - ☒ 3. To develop the spirit of inquiry
  - ☒ 4. To develop the spirit of harmony

Question ID : 264330145928  
Status : Answered  
Chosen Option : 3

Q.13 Which is an inherited blood disorder that affects the hemoglobin gene and results in ineffective erythropoiesis?

- Ans
- ☒ 1. Somatostatinoma
  - ☒ 2. Thalassemia
  - ☐ 3. Venous Thromboembolism
  - ☐ 4. Polycythemia vera

Question ID : 264330145614  
Status : Not Answered  
Chosen Option : --

Q.14 Padayani is a folk dance from which state?

- Ans
- ☒ 1. Kerala
  - ☐ 2. Karnataka
  - ☐ 3. Andhra Pradesh
  - ☐ 4. Tamil Nadu

Question ID : 264330148640  
Status : Not Answered  
Chosen Option : --

Q.15 Under which Ministry does the Indian Antarctic Act, 2022 aim at having India's own national measures for protecting the Antarctic environment along with the dependent and associated ecosystems and proposes to set up Indian Antarctic Authority (IAA)?

- Ans
- ☐ 1. Ministry of Power
  - ☒ 2. Ministry of Earth Sciences
  - ☐ 3. Ministry of Textiles
  - ☐ 4. Ministry of Science and Technology

Question ID : 264330146257  
Status : Answered  
Chosen Option : 2

Q.16 Ustad Bismillah Khan is associated with which of the following instruments?

- Ans
- ☒ 1. Shehnai
  - ☐ 2. Veena
  - ☐ 3. Flute
  - ☐ 4. Violin

Question ID : 264330144772  
Status : Answered  
Chosen Option : 1

**Q.17** Sociologist Jan Breman described the change in the nature of the relationship between landlords, belonging to the dominant class, and agricultural workers, belonging to the low caste, as a shift from \_\_\_\_\_.

- Ans**
- ☒ 1. tenant to tiller
  - ☒ 2. patronage to exploitation
  - ☒ 3. exploitation to patronage
  - ☒ 4. bonded labour to free labour

Question ID : 264330144736  
Status : Answered  
Chosen Option : 3

**Q.18** Who first introduced the idea of a relationship between molecular geometry and the number of valence electrons in the 1940s?

- Ans**
- ☒ 1. Bent and Nyholm
  - ☒ 2. Hendricus and Nicol
  - ☒ 3. Sidgwick and Powell
  - ☒ 4. Heitler and Gillespie

Question ID : 264330145589  
Status : Not Answered  
Chosen Option : --

**Q.19** According to the Ministry of Power, Government of India, which is the largest energy source of India? (as of March 2023)

- Ans**
- ☒ 1. Hydro power
  - ☒ 2. Tidal energy
  - ☒ 3. Coal
  - ☒ 4. Solar energy

Question ID : 264330150298  
Status : Answered  
Chosen Option : 3

**Q.20** Jayalakshmi Eshwar won the Sangeet Natak Akademi Award 2021 for her contribution to which Indian classical dance form?

- Ans**
- ☒ 1. Bharatanatyam
  - ☒ 2. Kathakali
  - ☒ 3. Kathak
  - ☒ 4. Odissi

Question ID : 264330145804  
Status : Not Answered  
Chosen Option : --

Q.21 Which state in India had the lowest sex ratio according to the 2011 census?

- Ans
- ☒ 1. Punjab
  - ☒ 2. Rajasthan
  - ☒ 3. Bihar
  - ☒ 4. Haryana

Question ID : 264330149375  
Status : Answered  
Chosen Option : 4

Q.22 In India, the financial year runs from \_\_\_\_\_ to \_\_\_\_\_.

- Ans
- ☒ 1. April 1, March 31
  - ☒ 2. February 1, January 31
  - ☒ 3. July 1, June 31
  - ☒ 4. January 1, December 31

Question ID : 264330146121  
Status : Answered  
Chosen Option : 1

Q.23 The dimensions of force are:

- Ans
- ☒ 1.  $[M^0 L^3 T^0]$
  - ☒ 2.  $[M L^{-3} T^0]$
  - ☒ 3.  $[M^0 L T^{-1}]$
  - ☒ 4.  $[M L T^{-2}]$

Question ID : 264330145811  
Status : Not Answered  
Chosen Option : --

Q.24 Who among the following was one of the founders of the Indian Association, established in 1876?

- Ans
- ☒ 1. Dadabhai Naoroji
  - ☒ 2. Surendranath Banerjee
  - ☒ 3. Mahadev Govind Ranade
  - ☒ 4. Sisir Kumar Ghosh

Question ID : 264330151224  
Status : Not Answered  
Chosen Option : --



**Q.25** What is the phenomenon called when rain fails to occur for one or more weeks during the south-west monsoon period?

- Ans**
- ☒ 1. Withdrawal of the monsoon
  - ☒ 2. Break in the monsoon
  - ☒ 3. El Nino
  - ☒ 4. Monsoon depression

Question ID : 264330149358

Status : Answered

Chosen Option : 3

