

## Combined Higher Secondary Level Examination 2023 Tier I

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

## Section : English Language

**Q.1** Select the most appropriate ANTONYM of the underlined word in the given sentence.  
It is a misconception that the more you learn, the more likely you are to succeed.

- Ans
- 1. Illusion
  - 2. Hallucination
  - 3. Fallacy
  - 4. Certainty

Question ID : 264330143227  
Status : Answered  
Chosen Option : 4

**Q.2** Select the most appropriate synonym of the given word.  
Colleague

- Ans
- 1. Co-worker
  - 2. Consult
  - 3. Distend
  - 4. Exempt

Question ID : 264330143644  
Status : Answered  
Chosen Option : 1

**Q.3** Select the most appropriate synonym of the underlined word.

All the employees feel that continuing working there is perilous to their careers.

- Ans
- 1. Convenient
  - 2. Dangerous
  - 3. Helpful
  - 4. Suitable

Question ID : 264330143174  
Status : Answered  
Chosen Option : 2

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**Q.4** Parts of the following sentence have been given as options. One of them may contain an error. Select the option that contains the error. If you don't find any error, mark 'No error' as your answer.  
Nobody from the gathering of odd people could guess the accident occurring blast.

- Ans**
- 1. the accident occurring blast
  - 2. Nobody from the gathering
  - 3. No error
  - 4. of odd people could guess

Question ID : 264330143034  
Status : Answered  
Chosen Option : 1

**Q.5** Select the most appropriate homonym in the context of the following sentence to fill in the blank.

The key was hanging on a \_\_\_\_\_ by the door.

- Ans**
- 1. nail: to catch someone, especially when they are doing something wrong, or guilty
  - 2. nail: a small metal spike, driven into wood to join things together or to serve as a hook
  - 3. nail: a thin, hard area that covers the upper side of the end of each finger and each toe
  - 4. nail: to do something successfully

Question ID : 264330142648  
Status : Answered  
Chosen Option : 2

**Q.6** Select the INCORRECTLY spelt word.

- Ans**
- 1. Obdurate
  - 2. Cryptic
  - 3. Surrugocy
  - 4. Drastic

Question ID : 264330143994  
Status : Answered  
Chosen Option : 3

**Q.7** Parts of a sentence are given below in jumbled order. Arrange the parts in the correct order to form a meaningful sentence.

- (P) and the impact of their
- (Q) the authors' journey of self-discovery
- (R) the memoir explores
- (S) upbringing on their identity

- Ans**
- 1. RQPS
  - 2. RQSP
  - 3. QPSR
  - 4. SPRQ

Question ID : 264330144200  
Status : Answered  
Chosen Option : 1

Q.8 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.  
I have read that / a Leaning Tower of Pisa is a / popular tourist attraction / in the world.

- Ans  1. I have read that  
 2. a Leaning Tower of Pisa is a  
 3. popular tourist attraction  
 4. in the world

Question ID : 264330147605  
Status : Answered  
Chosen Option : 2

Q.9 Select the most appropriate meaning of the given idiom.  
Devil's advocate

- Ans  1. One who takes an opposing position for the sake of argument  
 2. One who presents very logical arguments  
 3. One who is very precise and accurate  
 4. One who never argues

Question ID : 264330142663  
Status : Answered  
Chosen Option : 1

Q.10 Select the most appropriate ANTONYM of the underlined word in the following sentence.

The doctor assured the patient that the tumour was benign and could be easily removed

- Ans  1. Favourable  
 2. Malignant  
 3. Sterile  
 4. Kind

Question ID : 264330148917  
Status : Answered  
Chosen Option : 2

Q.11 Select the most appropriate option that expresses the given sentence in passive voice.  
The director hired the new employee after the interview.

- Ans  1. The new employee will be hired by the director after the interview.  
 2. The new employee was hired by the director after the interview.  
 3. The new employee is being hired by the director after the interview.  
 4. The new employee hired by the director after the interview.

Question ID : 264330144187  
Status : Answered  
Chosen Option : 2

Q.12 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. That the only true individual
- B. Is the holy man
- C. It has frequently been claimed
- D. Which the traditional society of India tolerates

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

Question ID : 264330142614  
Status : Answered  
Chosen Option : 2

Q.13 Select the INCORRECTLY spelt word from the given sentence.  
Drunkenness, riot and brawling were the order, there, every night.

- Ans
- 1. Riot
  - 2. Drunkenness
  - 3. Order
  - 4. Brawling

Question ID : 264330149875  
Status : Answered  
Chosen Option : 2

Q.14 Select the most appropriate option that can substitute the underlined segment in the following sentence.

Can you please make sure that all the guest are gathered on the stage before the performance begins?

- Ans
- 1. guest is gathered on
  - 2. guests are gathered in
  - 3. guests are gathered by
  - 4. guests is gathered by

Question ID : 264330150766  
Status : Answered  
Chosen Option : 1

Q.15 Select the most appropriate meaning of the given idiom.

Spill the beans

- Ans
- 1. Open the flow of the stopped water
  - 2. Liberate the controlled emotions
  - 3. Distribute food grains freely
  - 4. Disclose the secrets accidentally

Question ID : 264330143989  
Status : Answered  
Chosen Option : 4

Q.16 Select the most appropriate option that can be used as a one-word substitute for the underlined segment in the following sentence.

The king's coronation ceremony was a grand affair, with all the nobles and dignitaries dressed in their finest insignia of royalty.

- Ans
- 1. ornaments
  - 2. regalia
  - 3. regals
  - 4. spectres

Question ID : 264330148912  
Status : Answered  
Chosen Option : 2

Q.17 Sentences of a paragraph are given below in jumbled order. Select the option that arranges the sentences in the correct order to form a meaningful and coherent paragraph.

- A.The post-COVID period has caused many asymptomatic diseases.
- B.Though it cannot be believed for sure; the change in social life may be a major cause.
- C.These are people who suffered infection once or never at all.
- D.Some propose that survival post infection has changed the mindset of people.

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

Question ID : 264330148746  
Status : Answered  
Chosen Option : 3

Q.18 Select the most appropriate synonym of the underlined word.  
She was completely baffled by his strange behaviour.

- Ans
- 1. confused
  - 2. unfazed
  - 3. relieved
  - 4. angered

Question ID : 264330149871  
Status : Answered  
Chosen Option : 1

Q.19 Select the option that expresses the given sentence in passive voice.  
The speech of Dr. APJ Abdul Kalam influences young minds.

- Ans
- 1. Young minds get influenced by Dr. APJ Abdul Kalam
  - 2. Young minds were influenced by the speech of Dr. APJ Abdul Kalam.
  - 3. Young minds are influenced by the speech of Dr. APJ Abdul Kalam.
  - 4. The speech of Dr. APJ Adul Kalam is very influencing.

Question ID : 264330143058  
Status : Answered  
Chosen Option : 3

**Q.20** Select the option that can be used as a one-word substitute for the given group of words.

One who possesses outstanding technical ability in a particular art or field

- Ans  1. Virtuous  
 2. Virtuoso  
 3. Gourmand  
 4. Amateur

Question ID : 264330143060  
Status : Answered  
Chosen Option : 1

**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.

Following in the footsteps of France, Italy has \_\_\_\_\_ (1) \_\_\_\_\_ a new tax to be \_\_\_\_\_ (2) \_\_\_\_\_ on large tech companies, a move that is likely to put more strain on the country's relations with the USA. The Italian parliament has approved a 3% digital tax on some digital revenue of technology companies that make over \$831 million in global revenue, including at least \$6 million in Italy. The tax \_\_\_\_\_ (3) \_\_\_\_\_ similar to the one France implemented earlier this year, which has attracted \_\_\_\_\_ (4) \_\_\_\_\_ criticism from the USA. According to a report in The Epoch Times, dozens of countries are working on proposals to change corporate tax schemes to \_\_\_\_\_ (5) \_\_\_\_\_ money from tech firms that have users across the world, such as Facebook and Google's parent company Alphabet.

**SubQuestion No : 21**

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

- Ans  1. accepted  
 2. declined  
 3. approved  
 4. favoured

Question ID : 264330149839  
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.

Following in the footsteps of France, Italy has \_\_\_\_\_ (1) \_\_\_\_\_ a new tax to be \_\_\_\_\_ (2) \_\_\_\_\_ on large tech companies, a move that is likely to put more strain on the country's relations with the USA. The Italian parliament has approved a 3% digital tax on some digital revenue of technology companies that make over \$831 million in global revenue, including at least \$6 million in Italy. The tax \_\_\_\_\_ (3) \_\_\_\_\_ similar to the one France implemented earlier this year, which has attracted \_\_\_\_\_ (4) \_\_\_\_\_ criticism from the USA. According to a report in The Epoch Times, dozens of countries are working on proposals to change corporate tax schemes to \_\_\_\_\_ (5) \_\_\_\_\_ money from tech firms that have users across the world, such as Facebook and Google's parent company Alphabet.

**SubQuestion No : 22**

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

- Ans  1. crossed  
 2. levied  
 3. placed  
 4. exercised

Question ID : 264330149840  
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.

Following in the footsteps of France, Italy has \_\_\_\_\_(1)\_\_\_\_\_ a new tax to be \_\_\_\_\_(2)\_\_\_\_\_ on large tech companies, a move that is likely to put more strain on the country's relations with the USA. The Italian parliament has approved a 3% digital tax on some digital revenue of technology companies that make over \$831 million in global revenue, including at least \$6 million in Italy. The tax \_\_\_\_\_(3)\_\_\_\_\_ similar to the one France implemented earlier this year, which has attracted \_\_\_\_\_(4)\_\_\_\_\_ criticism from the USA. According to a report in The Epoch Times, dozens of countries are working on proposals to change corporate tax schemes to \_\_\_\_\_(5)\_\_\_\_\_ money from tech firms that have users across the world, such as Facebook and Google's parent company Alphabet.

**SubQuestion No : 23**

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

- Ans**  1. are  
 2. is  
 3. were  
 4. have

Question ID : 264330149841  
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.

Following in the footsteps of France, Italy has \_\_\_\_\_(1)\_\_\_\_\_ a new tax to be \_\_\_\_\_(2)\_\_\_\_\_ on large tech companies, a move that is likely to put more strain on the country's relations with the USA. The Italian parliament has approved a 3% digital tax on some digital revenue of technology companies that make over \$831 million in global revenue, including at least \$6 million in Italy. The tax \_\_\_\_\_(3)\_\_\_\_\_ similar to the one France implemented earlier this year, which has attracted \_\_\_\_\_(4)\_\_\_\_\_ criticism from the USA. According to a report in The Epoch Times, dozens of countries are working on proposals to change corporate tax schemes to \_\_\_\_\_(5)\_\_\_\_\_ money from tech firms that have users across the world, such as Facebook and Google's parent company Alphabet.

**SubQuestion No : 24**

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

- Ans**  1. severe  
 2. mild  
 3. critical  
 4. firm

Question ID : 264330149842  
Status : Answered  
Chosen Option : 1

**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.

Following in the footsteps of France, Italy has \_\_\_\_\_(1)\_\_\_\_\_ a new tax to be \_\_\_\_\_(2)\_\_\_\_\_ on large tech companies, a move that is likely to put more strain on the country's relations with the USA. The Italian parliament has approved a 3% digital tax on some digital revenue of technology companies that make over \$831 million in global revenue, including at least \$6 million in Italy. The tax \_\_\_\_\_(3)\_\_\_\_\_ similar to the one France implemented earlier this year, which has attracted \_\_\_\_\_(4)\_\_\_\_\_ criticism from the USA. According to a report in The Epoch Times, dozens of countries are working on proposals to change corporate tax schemes to \_\_\_\_\_(5)\_\_\_\_\_ money from tech firms that have users across the world, such as Facebook and Google's parent company Alphabet.

**SubQuestion No : 25**

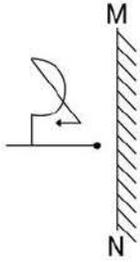
**Q.25** Select the most appropriate option to fill in blank number 5.

- Ans**
- 1. take
  - 2. remove
  - 3. seize
  - 4. capture

Question ID : **264330149843**  
Status : **Answered**  
Chosen Option : **1**

Section : **General Intelligence**

Q.1 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 : 264330146492  
 Status : Answered  
 Chosen Option : 4

Q.2 In a certain code language,  
 A + B means 'A is the mother of B'  
 A - B means 'A is the brother of B'  
 A × B means 'A is the wife of B'  
 A ÷ B means 'A is the father of B'  
 Based on the above, how is B related to E if 'A - B × C ÷ D + E'?

- Ans
- 1. Mother's mother
  - 2. Brother's mother
  - 3. Mother's husband
  - 4. Daughter's husband

Question ID : 264330147213  
 Status : Answered  
 Chosen Option : 1

Q.3 What should come in place of the question mark (?) in the given series?

123, 194, 267, ?, 429

- Ans
- 1. 400
  - 2. 346
  - 3. 362
  - 4. 333

Question ID : 264330147436  
Status : Answered  
Chosen Option : 2

Q.4 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '/' are interchanged?

$$5 - 9 \times 8 + 12 + 4 = ?$$

- Ans
- 1. 12
  - 2. 27
  - 3. 40
  - 4. 23

Question ID : 264330147449  
Status : Answered  
Chosen Option : 3

Q.5 What should come in place of the question mark (?) in the given series?

473, 464, 448, ?, 387

- Ans
- 1. 378
  - 2. 348
  - 3. 423
  - 4. 323

Question ID : 264330147440  
Status : Answered  
Chosen Option : 3

Q.6 What should come in place of ? in the given series?

38 39 41 44 48 ?

- Ans
- 1. 56
  - 2. 53
  - 3. 51
  - 4. 55

Question ID : 264330152031  
Status : Answered  
Chosen Option : 2

**Q.7** In a certain code language, 'BLADE' is written as 'CKBCF' and 'CHALK' is written as 'DGBKL'. How will 'DIGITAL' be written in that language?

- Ans**
- 1. FHGHVZN
  - 2. EHHHUZM
  - 3. FGGHVYN
  - 4. EHGWYM

Question ID : 264330150454  
Status : Answered  
Chosen Option : 2

**Q.8** Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

JOQW, LQSY, ?, PUWC

- Ans**
- 1. MRTZ
  - 2. NSUA
  - 3. KPRX
  - 4. AUSN

Question ID : 264330147048  
Status : Answered  
Chosen Option : 2

**Q.9** Which term from among the given options can replace the question mark (?) in the following series to make it logically complete?

EZ 10, ?, ID 36, KF 49, MH 62

- Ans**
- 1. HC 21
  - 2. FB 22
  - 3. GB 23
  - 4. FC 21

Question ID : 264330146971  
Status : Answered  
Chosen Option : 3

**Q.10** In a certain code language, 'he will go to market' is written as 'xi ui hi ni ji' and 'market is very crowded' is written as 'wi ni ki di' and 'come to crowded market' is written as 'ui ni fi di'. How is 'come' written in the given language?

- Ans**
- 1. di
  - 2. ui
  - 3. ni
  - 4. fi

Question ID : 264330147318  
Status : Answered  
Chosen Option : 4

**Q.11** 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 tulips are lilies. All orchids are lilies. No lily is a rose.

Conclusion (I): Some tulips are orchids.

Conclusion (II): No orchid is a rose.

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

Question ID : 264330152017  
Status : Answered  
Chosen Option : 1

**Q.12** Three of the following four letter-clusters are alike in a certain way and thus form a group. Which is the one that does NOT belong to that group?

- Ans**
- 1. RSU
  - 2. XYA
  - 3. DEG
  - 4. ZAB

Question ID : 264330147095  
Status : Answered  
Chosen Option : 4

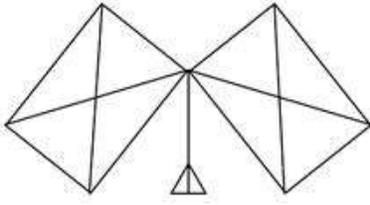
**Q.13** Which term from among the given options can replace the question mark (?) in the following series to make it logically complete?

XD 45, YE 53, ?, AG 58, BH 55

- Ans**
- 1. ZG 52
  - 2. ZF 54
  - 3. AF 51
  - 4. ZF 50

Question ID : 264330146973  
Status : Answered  
Chosen Option : 2

Q.14 How many triangles are there in the given figure?

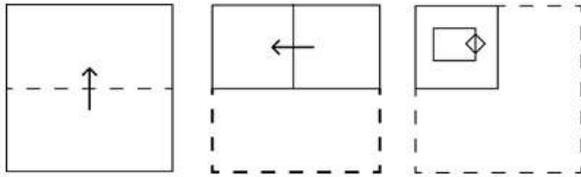


- Ans
- 1. 18
  - 2. 19
  - 3. 17
  - 4. 16

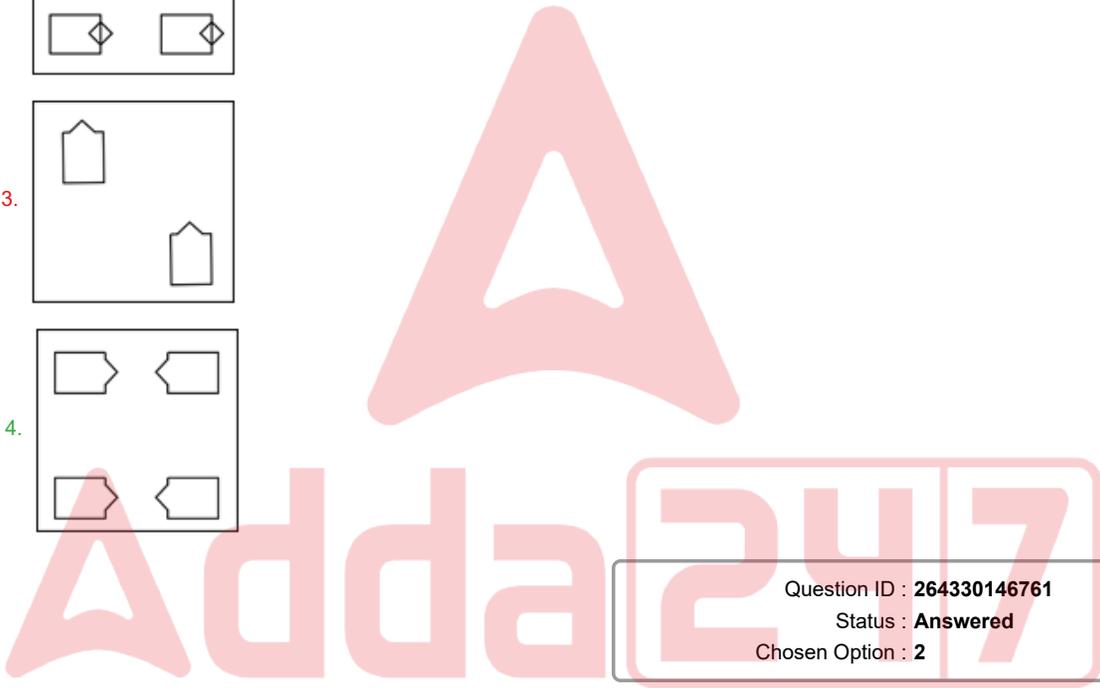
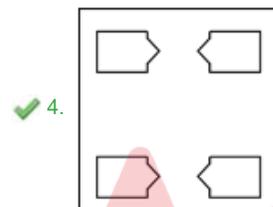
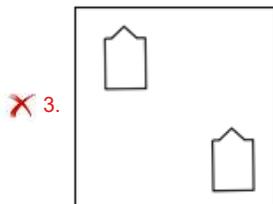
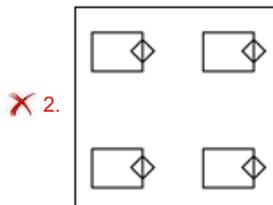
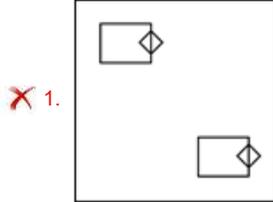
Question ID : 264330146903  
 Status : Answered  
 Chosen Option : 2



Q.15 A paper is folded and cut as shown below. How will it appear when unfolded?



Ans



Question ID : 264330146761  
 Status : Answered  
 Chosen Option : 2

Q.16 If 15th January 1996 is Monday, then what will be the day of the week on 30th March 1997?

- Ans
- ✗ 1. Tuesday
  - ✓ 2. Sunday
  - ✗ 3. Wednesday
  - ✗ 4. Monday

Question ID : 264330147083  
 Status : Answered  
 Chosen Option : 4

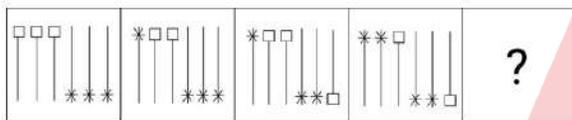
**Q.17** In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.  
 (NOTE: Operations should be performed on the whole numbers, 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.)

- (42, 370)
- (57, 505)

- Ans**
- 1. (29, 253)
  - 2. (31, 288)
  - 3. (49, 449)
  - 4. (84, 747)

Question ID : 264330147010  
 Status : Answered  
 Chosen Option : 1

**Q.18** Identify the figure given in the options which when put in place of the question mark (?) will logically complete the series.



**Ans**

- 1.
- 2.
- 3.
- 4.

Question ID : 264330147220  
 Status : Answered  
 Chosen Option : 2

**Q.19** What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$71 - 11 \times 484 \div 88 + 30 = ?$$

- Ans**
- 1. 39
  - 2. 49
  - 3. 43
  - 4. 33

Question ID : 264330147327  
Status : Answered  
Chosen Option : 3

**Q.20** In a certain code language,

A + B means 'A is the wife of B',  
A - B means 'A is the brother of B',  
A × B means 'A is the father of B',  
A ÷ B means 'A is the mother of B'.

Based on the above, if 'P × Q + R - S ÷ T', which of the following is true?

- Ans**
- 1. T is the son of S.
  - 2. Q is the sister of S.
  - 3. R is T's mother's brother.
  - 4. P is the father of R.

Question ID : 264330147284  
Status : Answered  
Chosen Option : 3

**Q.21** The second number in the given number pairs is obtained by performing certain mathematical operations(s) on the first number. The same operation(s) are followed in all the number pairs except one. Find that odd number pair.

- Ans**
- 1. 5 : 45
  - 2. 2 : 10
  - 3. 3 : 21
  - 4. 4 : 32

Question ID : 264330147130  
Status : Answered  
Chosen Option : 4

**Q.22** JOSV is related to LQUX in a certain way based on the English alphabetical order. In the same way, EJNI is related to GLPS. Which of the following is DIMP related to, following the same logic?

- Ans**
- 1. FKOR
  - 2. FJMO
  - 3. FJNP
  - 4. HMQT

Question ID : 264330150976  
Status : Answered  
Chosen Option : 1

**Q.23** What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '/' are interchanged?

$$72 - 33 \times 605 + 110 + 70 = ?$$

- Ans**
- 1. 18
  - 2. 4
  - 3. 24
  - 4. 8

Question ID : 264330146351  
Status : Answered  
Chosen Option : 4

**Q.24** 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 directors are actors. Some actors are writers. No writer is a producer.

Conclusion (I) : Some directors are writers

Conclusion (II) : No producer is a director

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

Question ID : 264330152013  
Status : Answered  
Chosen Option : 3

**Q.25** If 19 December 1992 is Saturday, then what will be the day of the week on 22 December 2009?

- Ans**
- 1. Saturday
  - 2. Sunday
  - 3. Thursday
  - 4. Tuesday

Question ID : 264330147181  
Status : Not Answered  
Chosen Option : --

## Section : Quantitative Aptitude

**Q.1** What is the approximate present value (in ₹ lakh) of an income of ₹2.1 lakh to be received after 2 years if the rate of interest is 5%?

- Ans**
- 1. 1.815
  - 2. 1.975
  - 3. 1.725
  - 4. 1.905

Question ID : 264330148246  
Status : Answered  
Chosen Option : 4

**Q.2** If  $x^2 - 5\sqrt{5}x + 1 = 0$ , and  $x > 0$ , what is the value of  $\left(x^3 - \frac{1}{x^3}\right)$ ?

- Ans**
- 1. 1331
  - 2. 1364
  - 3. 1296
  - 4. 1244

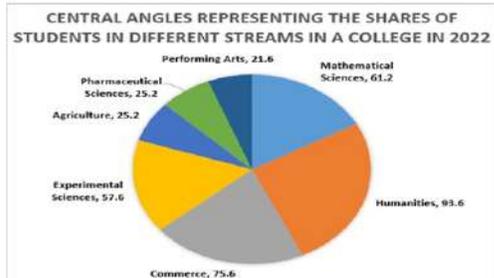
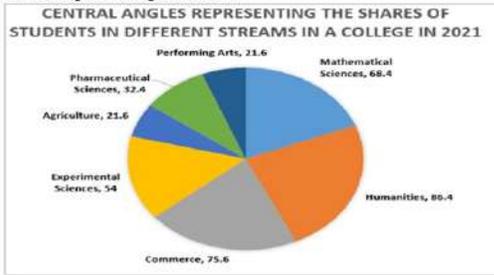
Question ID : 264330151436  
Status : Answered  
Chosen Option : 3

**Q.3** A shopkeeper sells a table at 25% discount on the marked price and earns a profit of 70%. If he sells the same table at 50% discount, then his new profit percentage will be:

- Ans**
- 1.  $11\frac{1}{3}\%$
  - 2.  $12\frac{1}{2}\%$
  - 3.  $13\frac{1}{3}\%$
  - 4.  $13\frac{1}{2}\%$

Question ID : 264330148393  
Status : Answered  
Chosen Option : 1

**Q.4** The shares of students studying in different streams of a college in the years 2021 and 2022 are reflected in the two pie charts given below.



The total number of students in the college was 60000 in 2021, which rose to 75000 in 2022. What was the percentage change in the number of students opting for the mathematical sciences from 2021 to 2022? [Give your answer correct to the nearest integer value]

- Ans**
- 1. 12%
  - 2. 11%
  - 3. 10%
  - 4. 13%

Question ID : 264330146808  
 Status : Answered  
 Chosen Option : 1

**Q.5** If the volume of a cube is  $729 \text{ cm}^3$ , then find the total surface area of the cube.

- Ans**
- 1.  $484 \text{ cm}^2$
  - 2.  $482 \text{ cm}^2$
  - 3.  $488 \text{ cm}^2$
  - 4.  $486 \text{ cm}^2$

Question ID : 264330149452  
 Status : Answered  
 Chosen Option : 4

**Q.6** The following table gives the sales of shirts manufactured by companies C1, C2, C3 and C4 over five weeks. Study the table and answer the question that follows.

Week	C1	C2	C3	C4
Week 1	190	225	184	202
Week 2	225	244	214	202
Week 3	240	175	235	275
Week 4	215	235	260	200
Week 5	205	210	265	245

Which company sold the most shirts in these five weeks?

- Ans**
- 1. C1
  - 2. C4
  - 3. C2
  - 4. C3

Question ID : 264330150575  
Status : Answered  
Chosen Option : 4

**Q.7** A and B together can complete a piece of work in 15 days and B alone can complete it in 21 days. In how many days can A complete it alone?

- Ans**
- 1.  $41\frac{1}{2}$  days
  - 2.  $52\frac{1}{2}$  days
  - 3.  $31\frac{1}{2}$  days
  - 4.  $57\frac{1}{2}$  days

Question ID : 264330147827  
Status : Answered  
Chosen Option : 2

**Q.8** The circumference of a circle is 132 cm. The area of circle is: Take  $\pi = \frac{22}{7}$

- Ans**
- 1.  $1380 \text{ cm}^2$
  - 2.  $1322 \text{ cm}^2$
  - 3.  $1086 \text{ cm}^2$
  - 4.  $1386 \text{ cm}^2$

Question ID : 264330148274  
Status : Answered  
Chosen Option : 4

**Q.9** A bus travels for three hours at 60 km/h, four hours at 50 km/h and the next five hours at 50 km/h. Find its average speed.

- Ans**
- 1. 52.5 km/h
  - 2. 52 km/h
  - 3. 46 km/h
  - 4. 50 km/h

Question ID : 264330148234  
Status : Answered  
Chosen Option : 1

**Q.10** In a camp of 70 boys, there are food provisions for 36 days. If 50 more boys join the camp, then how many days will the provisions last?

- Ans**
- 1. 25 days
  - 2. 24 days
  - 3. 21 days
  - 4. 18 days

Question ID : 264330147967  
Status : Answered  
Chosen Option : 3

**Q.11** What is the remainder when  $3^8$  is divided by 7?

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

Question ID : 264330148162  
Status : Answered  
Chosen Option : 4

**Q.12** The area of a sector of a circle is  $616 \text{ cm}^2$  with a central angle of  $10^\circ$ . The radius of the circle is \_\_\_\_\_. (use  $\pi = \frac{22}{7}$ )

- Ans**
- 1. 84 cm
  - 2. 21 cm
  - 3. 48 cm
  - 4. 28 cm

Question ID : 264330149455  
Status : Answered  
Chosen Option : 1

Q.13 If  $\sqrt{a} = 3b$ , then  $\frac{a}{b^2}$  is equal to:

- Ans
- 1.  $\frac{1}{6}$
  - 2. 6
  - 3.  $\frac{1}{9}$
  - 4. 9

Question ID : 264330150957  
Status : Answered  
Chosen Option : 4

Q.14 If  $2 : 9 :: 4 : x$ , then the value of x is:

- Ans
- 1. 42
  - 2. 18
  - 3. 36
  - 4. 22

Question ID : 264330147863  
Status : Answered  
Chosen Option : 2

Q.15 Simplify the given equation.

$$\frac{\cot^2 A - 1}{\cot A - 1} = ?$$

- Ans
- 1.  $\operatorname{cosec}^2 A - \cot A$
  - 2.  $\operatorname{cosec}^2 A + \cot A$
  - 3.  $\cot^2 A + \operatorname{cosec} A$
  - 4.  $\cot^2 A - \operatorname{cosec} A$

Question ID : 264330149783  
Status : Answered  
Chosen Option : 2

Q.16 Simplify the given expression.  $\frac{(0.25)^4 + 2 \times (0.25)^2 + 1 - (0.25)^2}{(0.25)^2 + 0.25 + 1}$

- Ans
- 1. 0.6755
  - 2. 0.9025
  - 3. 0.8125
  - 4. 0.7835

Question ID : 264330147949  
Status : Answered  
Chosen Option : 3

Q.17 A trader sells two LED sets at the same price. There is a gain of 20% on one LED and 20% loss on the second LED. Which of the following statements is true?

- Ans
- 1. The trader makes a profit of 4%.
  - 2. The trader makes a profit of 2%.
  - 3. The trader makes no profit or no loss.
  - 4. The trader makes a loss of 4%.

Question ID : 264330148415  
Status : Answered  
Chosen Option : 4

Q.18 If  $\tan \theta + \sec \theta = a$ , then what is  $\sec \theta$  equal to:

- Ans
- 1.  $\frac{a+1}{2a^2}$
  - 2.  $\frac{(a-1)}{2a^2}$
  - 3.  $\frac{a^2-1}{2a}$
  - 4.  $\frac{a^2+1}{2a}$

Question ID : 264330148026  
Status : Answered  
Chosen Option : 4

**Q.19** In what ratio does a grocer mix tea at ₹26 per kg and ₹32 per kg so that by selling the mixture at ₹30 per kg they may gain 10%?

- Ans**
- 1. 7 : 26
  - 2. 16 : 7
  - 3. 26 : 7
  - 4. 7 : 16

Question ID : 264330151140  
Status : Answered  
Chosen Option : 3

**Q.20** The speed of a car is 63 km/h. What is the distance travelled by it in 10 seconds?

- Ans**
- 1. 175 m
  - 2. 1.75 km
  - 3. 185 m
  - 4. 17.5 m

Question ID : 264330150133  
Status : Answered  
Chosen Option : 1

**Q.21** Shyam purchased a packet of 16 pens and got 4 pens free with it. He marked the price 20% more than the CP. If he did not allow any discount and sold all the 20 pens at this price, then what was his profit percentage?

- Ans**
- 1. 37 ½%
  - 2. 50%
  - 3. 36%
  - 4. 48%

Question ID : 264330146519  
Status : Answered  
Chosen Option : 2

**Q.22** If  $\theta$  is an acute angle and  $\cos\theta = \frac{11}{17}$ , what is the value of  $\tan\theta$ ?

- Ans**
- 1.  $\frac{4\sqrt{10}}{11}$
  - 2.  $\frac{13}{11}$
  - 3.  $\frac{2\sqrt{42}}{11}$
  - 4.  $\frac{2\sqrt{42}}{17}$

Question ID : 264330146842  
Status : Answered  
Chosen Option : 3

**Q.23** The table gives the number of students in each class and the percentage of students in the class who like Hockey, Tennis, Chess and Golf.

Class	Number of Students	Hockey	Tennis	Chess	Golf
A	260	70%	65%	70%	60%
B	180	90%	52%	85%	40%
C	240	90%	80%	60%	80%
D	60	80%	70%	50%	30%

How many students in all the given classes like Hockey?

- Ans**
- 1. 596
  - 2. 608
  - 3. 740
  - 4. 614

Question ID : 264330150942  
Status : Answered  
Chosen Option : 2

**Q.24**  $\Delta ABC$  is similar to  $\Delta PQR$ . If the ratio of the perimeter of  $\Delta ABC$  and perimeter of  $\Delta PQR$  is 24 : 16 and  $PQ = 4.8$  cm, then the length (in cm) of  $AB$  is:

- Ans**
- 1. 8.6
  - 2. 7.2
  - 3. 4.6
  - 4. 2.8

Question ID : 264330149342  
Status : Answered  
Chosen Option : 2

**Q.25** Two triangles  $XYZ$  and  $UVW$  are congruent. If the area of  $\Delta XYZ$  is  $58 \text{ cm}^2$ , then the area of  $\Delta UVW$  will be:

- Ans**
- 1.  $58 \text{ cm}^2$
  - 2.  $116 \text{ cm}^2$
  - 3.  $29 \text{ cm}^2$
  - 4.  $15 \text{ cm}^2$

Question ID : 264330149278  
Status : Answered  
Chosen Option : 1

Section : General Awareness

**Q.1** Joseph Francois Dupleix was the Governor General of which of the following East India companies in India?

- Ans**
- 1. Dutch
  - 2. French
  - 3. English
  - 4. Portuguese

Question ID : 264330152557  
Status : Not Answered  
Chosen Option : --

**Q.2** Indian sportsperson Praveen Chithravel who missed out on a medal at Commonwealth Games 2022 but made a strong comeback to win silver at the Asian Championships with a national indoor record is associated with which of the following sports?

- Ans**
- 1. Triple jump indoor
  - 2. Shot put indoor
  - 3. Long jump indoor
  - 4. 800 m indoor

Question ID : 264330150072  
Status : Not Answered  
Chosen Option : --

**Q.3** Final goods are divided into:

- Ans**
- 1. raw materials and semi-finished goods
  - 2. single goods and composite goods
  - 3. consumption goods and capital goods
  - 4. war goods and civilian goods

Question ID : 264330144698  
Status : Not Answered  
Chosen Option : --

**Q.4** Neena Prasad was awarded the Sangeet Natak Akademi Award 2021 for her contribution to \_\_\_\_\_.

- Ans**
- 1. Bharatanatyam
  - 2. Mohiniyattam
  - 3. Kuchipudi
  - 4. Odissi

Question ID : 264330145807  
Status : Not Answered  
Chosen Option : --

**Q.5** Pawl Kut is a thanksgiving festival of which Indian state?

- Ans**
- 1. Kerala
  - 2. Gujarat
  - 3. Mizoram
  - 4. Himachal Pradesh

Question ID : 264330145782  
Status : Answered  
Chosen Option : 3

**Q.6** Which of the following is an INCORRECT statement in regard to the meaning of 'Union of States' in the Indian context?

**Ans**  1.

Country was divided into different states for administrative convenience.

2.

Indian federation was the result of an agreement by sovereign units to join it.

3.

Enumerates the power of centre and states through various lists.

4.

Federation not being the result of agreement, no state has a right to secede from it.

Question ID : 264330150355

Status : Answered

Chosen Option : 4

**Q.7** Which German chemist used the technique of preparing hydrocarbons by electrolysis of solutions of salts of fatty acids?

**Ans**  1. Cecilia Payne

2. Marcellin Berthelot

3. Giulio Natta

4. Hermann Kolbe

Question ID : 264330145578

Status : Not Answered

Chosen Option : --

**Q.8** Which five year plan in India is referred to as the Mahalanobis Plan?

**Ans**  1. 4th Five Year Plan

2. 2nd Five Year Plan

3. 1st Five Year Plan

4. 3rd Five Year Plan

Question ID : 264330144712

Status : Answered

Chosen Option : 2

**Q.9** Who among the following founded the Indian Association along with Anand Mohan Bose?

**Ans**  1. Dada Bhai Naoroji

2. Gopal krishna Gokhale

3. Pheroz Shah Mehta

4. Surendranath Banerjee

Question ID : 264330148583

Status : Not Answered

Chosen Option : --

Q.10 Which of the following statements is correct about the value of money?

- i. It is directly related to the price level.
- ii. It is not related to the price level.
- iii. It is indirectly related to the price level.

- Ans
- 1. None of the statements are correct
  - 2. Only ii is correct
  - 3. Only iii is correct
  - 4. Only i is correct

Question ID : 264330151342  
Status : Not Answered  
Chosen Option : --

Q.11 Mulayam Singh Yadav posthumously received the Padma Vibhushan in 2023. In which category did he receive the Padma Vibhushan award in 2023?

- Ans
- 1. Literature and Education
  - 2. Art
  - 3. Public affairs
  - 4. Trade and Industry

Question ID : 264330146266  
Status : Answered  
Chosen Option : 3

Q.12 Which measure(s) is the Reserve Bank most likely to take to combat inflation in the economy?

- A) Increase repo rate
- B) Increase money supply
- C) Decrease cash reserve ratio

- Ans
- 1. Only A
  - 2. Both B and C
  - 3. Only B
  - 4. Both A and C

Question ID : 264330145712  
Status : Not Answered  
Chosen Option : --

Q.13 Between who among the following did the Battle of Chandawar take place?

- Ans
- 1. Jaychand and Mahmood Gaznavi
  - 2. Jaychand and Muhammad Ghori
  - 3. Prithviraj III and Mahmood Gaznavi
  - 4. Prithviraj III and Muhammad Ghori

Question ID : 264330150201  
Status : Not Answered  
Chosen Option : --

Q.14 Which vitamin is synthesised in the presence of sunlight in our body?

- Ans
- 1. Vitamin B
  - 2. Vitamin C
  - 3. Vitamin D
  - 4. Vitamin A

Question ID : 264330145676  
Status : Answered  
Chosen Option : 3

Q.15 Who among the following Indian grandmasters won the India's first ever silver medal at FIDE World Rapid and Blitz Championship 2022?

- Ans
- 1. Koneru Humpy
  - 2. Harika Dronavalli
  - 3. Bhakti Kulkarni
  - 4. Tania Sachdev

Question ID : 264330154810  
Status : Answered  
Chosen Option : 4

Q.16 The stabilisation function of the government budget mainly includes \_\_\_\_\_.

- Ans
- 1. allocation of resources
  - 2. intervention to expand or reduce the demand
  - 3. production of public goods
  - 4. distribution of income in society in a fair way

Question ID : 264330146101  
Status : Not Answered  
Chosen Option : --

Q.17 Which of the following statements is INCORRECT about the Deccan Plateau?

- Ans
- 1. The Satpura Range is in the South of the Plateau.
  - 2. The Eastern Ghats are in the East of the plateau.
  - 3. The Western Ghats are in the West of the Plateau.
  - 4. The Vindhya Range is in the North of the Plateau.

Question ID : 264330150262  
Status : Answered  
Chosen Option : 1

Q.18 In which dialdehyde are two formyl groups attached to adjacent carbon centres on a benzene ring and form fluorescent conjugation products with primary amines?

- Ans
- 1. Phthalaldehyde
  - 2. Acetaldehyde
  - 3. Valeraldehyde
  - 4. Isobutyraldehyde

Question ID : 264330145581  
Status : Not Answered  
Chosen Option : --

Q.19 The folk dance of Chavittukali is associated with which of the following Indian states?

- Ans
- 1. Andhra Pradesh
  - 2. Uttar Pradesh
  - 3. Kerala
  - 4. Gujarat

Question ID : 264330145760  
Status : Not Answered  
Chosen Option : --

Q.20 The density of population of India as per the Census of 1951 is \_\_\_\_\_.

- Ans
- 1. 117 per sq km
  - 2. 324 per sq km
  - 3. 103 per sq km
  - 4. 382 per sq km

Question ID : 264330150324  
Status : Not Answered  
Chosen Option : --

**Q.21** 'The Constitution of free India must be framed, without outside interference by a constituent assembly elected on the basis of adult franchise'. Who made this statement?

- Ans**
- 1. MN Roy
  - 2. Jawaharlal Nehru
  - 3. Sardar Patel
  - 4. Mahatma Gandhi

Question ID : 264330145922  
Status : Answered  
Chosen Option : 1

**Q.22** Which states are involved in the joint venture of Chambal Project?

- Ans**
- 1. Rajasthan and Haryana
  - 2. Rajasthan and Uttar Pradesh
  - 3. Uttar Pradesh and Madhya Pradesh
  - 4. Rajasthan and Madhya Pradesh

Question ID : 264330144490  
Status : Answered  
Chosen Option : 4

**Q.23** Who among the following Indian Music composers won a Grammy award in the year 2023?

- Ans**
- 1. MM Keeravani
  - 2. Ricky Kej
  - 3. Aby Tom Cyriac
  - 4. AR Rahman

Question ID : 264330145796  
Status : Answered  
Chosen Option : 1

Q.24 Match the columns.

Name of Shifting Agriculture

- i. Jhuming
- ii. Dahiya
- iii. Penda
- iv. Kumari

Related State

- a) Madhya Pradesh
- b) Andhra Pradesh
- c) North eastern region
- d) Western Ghats

- Ans
- 1. i-d, ii-c, iii-b, iv-a
  - 2. i-a, ii-b, iii-c, iv-d
  - 3. i-b, ii-c, iii-a, iv-d
  - 4. i-c, ii-a, iii-b, iv-d

Question ID : 264330149626  
Status : Answered  
Chosen Option : 4

Q.25 Val Barker Cup in boxing is given to most outstanding boxer in the Olympics Games but it was NOT awarded in the Olympics Games \_\_\_\_\_ .

- Ans
- 1. 2016
  - 2. 2008
  - 3. 2012
  - 4. 2020

Question ID : 264330150177  
Status : Not Answered  
Chosen Option : --