

## Combined Higher Secondary Level Examination 2023 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	08/08/2023
Exam Time	9:00 AM - 10:00 AM
Subject	CHSL Exam 2023 Tier I

Section : English Language

Q.1 Select the most appropriate meaning of the given idiom.

Head in the clouds

- Ans  1. Being extremely tall  
 2. Being absent minded  
 3. Being extremely happy  
 4. Being extremely sad

Question ID : 264330150779

Status : Answered

Chosen Option : 3

Q.2 Select the most appropriate synonym of the bracketed word in the following sentence to fill in the blank.

I \_\_\_\_\_ (itemise) the work that will have to be done.

- Ans  1. impart  
 2. enumerate  
 3. conceal  
 4. assess

Question ID : 264330142654

Status : Not Answered

Chosen Option : --

Q.3 Parts of a sentence are given below in jumbled order. Arrange the parts in the correct order to form a meaningful sentence.

- A. have seen a major blow  
B. the last two years  
C. people and lower-income countries  
D. to the world's economy and  
E. were hit particularly hard

- Ans  1. BCADE  
 2. EBCAD  
 3. BADCE  
 4. ADBEC

Question ID : 264330149920

Status : Answered

Chosen Option : 3

**Q.4** Select the most appropriate ANTONYM of the given word.  
Extract

- Ans  1. Insert  
 2. Fry  
 3. Cut  
 4. Pull

Question ID : 264330141297  
Status : Answered  
Chosen Option : 1

**Q.5** Select the most appropriate option that can substitute the underlined segment in the following sentence.

Although he was exhausted from working all day, John continues to study for his upcoming exam.

- Ans  1. will continue to study for his upcoming exam  
 2. has been studying for his upcoming exam  
 3. continued to study for his upcoming exam  
 4. continues studying for his upcoming exam

Question ID : 264330148908  
Status : Answered  
Chosen Option : 3

**Q.6** Select the most appropriate synonym of the given word.

Assuagement

- Ans  1. Consignment  
 2. Stratification  
 3. Ruthlessness  
 4. Mollification

Question ID : 264330143976  
Status : Not Answered  
Chosen Option : --

**Q.7** Select the most appropriate ANTONYM of the underlined word in the given sentence.  
One needs to be free of prejudices while dealing with judicial cases.

- Ans  1. Favours  
 2. Discriminations  
 3. Bigotries  
 4. Equalities

Question ID : 264330143224  
Status : Answered  
Chosen Option : 4

**Q.8** Select the meaningful and correctly spelt word from the options to fill in the blank.

The song composed by the choir for the special programme was an \_\_\_\_\_ one.

- Ans
- 1. imiteitted
  - 2. emittated
  - 3. eradicated
  - 4. imitated

Question ID : 264330148937  
Status : Answered  
Chosen Option : 4

**Q.9** Select the INCORRECTLY spelt word.

- Ans
- 1. Philosophy
  - 2. Philanthropy
  - 3. Philology
  - 4. Philately

Question ID : 264330143995  
Status : Answered  
Chosen Option : 3

**Q.10** Select the most appropriate synonym of the underlined word.  
Access to safe water, sanitation and hygiene is a human right—fundamental to everyone's health, dignity and prosperity.

- Ans
- 1. enthusiasm
  - 2. immorality
  - 3. grace
  - 4. wealth

Question ID : 264330143649  
Status : Answered  
Chosen Option : 3

**Q.11** The following sentence has been split into four segments. Identify the segment that contains a grammatical error.  
Were this boy / washing his clothes / yesterday when the matron / came for a regular round?

- Ans
- 1. washing his clothes
  - 2. yesterday when the matron
  - 3. Were this boy
  - 4. came for a regular round

Question ID : 264330149472  
Status : Answered  
Chosen Option : 3

Q.12 Select the most appropriate option that can substitute the underlined words in the following sentence.

My parents had not call me yesterday.

- Ans
- 1. does not calling
  - 2. did not call
  - 3. do not call
  - 4. have not call

Question ID : 264330142620  
Status : Answered  
Chosen Option : 2

Q.13 Select the grammatically correct version of the following sentence.

This phone is inferior of that one.

- Ans
- 1. This phone is inferior than that one.
  - 2. This phone is more inferior than that one.
  - 3. This phone is more inferior of that one.
  - 4. This phone is inferior to that one.

Question ID : 264330144330  
Status : Answered  
Chosen Option : 4

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

One cannot exactly predict the way she behaves in public gatherings.

- Ans
- 1. deliberate
  - 2. precipitate
  - 3. prefigure
  - 4. proliferate

Question ID : 264330143978  
Status : Answered  
Chosen Option : 3

Q.15 Select the word which means the same as the group of words underlined in the given sentence.

Vatsal is a lover and collector of books.

- Ans
- 1. anglophile
  - 2. recluse
  - 3. bibliophile
  - 4. polyglot

Question ID : 264330144275  
Status : Answered  
Chosen Option : 3

**Q.16** Select the most appropriate idiom for the underlined segment in the following sentence.

We should protect ourselves from jealous people.

- Ans
- 1. High-spirited
  - 2. Any Tom, Dick or Harry
  - 3. One trick pony
  - 4. Green-eyed

Question ID : 264330149552  
Status : Answered  
Chosen Option : 4

**Q.17** Select the most appropriate option that can substitute the underlined segment in the given sentence.

The most important fruit in Kinnaur is apricot. It is possible to get it at everyplace in huge amount.

- Ans
- 1. found for a huge amount everywhere
  - 2. found everywhere in a huge amount
  - 3. found everywhere with a huge amount
  - 4. find everywhere in a huge amount

Question ID : 264330149858  
Status : Answered  
Chosen Option : 2

**Q.18** 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) fourth floor of
- B) nasty man named Mr. Douglas
- C) an apartment building
- D) there is a very mean,
- E) who lives on the

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

Question ID : 264330143920  
Status : Answered  
Chosen Option : 1

**Q.19** Select the option that expresses the following sentence in passive voice.

Does she still love you?

- Ans
- 1. Are you still loved by her?
  - 2. Do you still love her?
  - 3. Is she still loved by you?
  - 4. Are you still loving by her?

Question ID : 264330142601  
Status : Answered  
Chosen Option : 1

**Q.20** Select the option that expresses the given sentence in passive voice.

**It is time to take tea.**

- Ans**  1. It is time for the tea to be taken.  
 2. It is time tea must have been taken.  
 3. It is time we should take the tea.  
 4. It is time the tea has to be taken by us.

Question ID : 264330141350  
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.

I know these authors to \_\_\_\_\_ 1 \_\_\_\_\_ outstanding individuals and remarkable teachers and consultants and have even \_\_\_\_\_ 2 \_\_\_\_\_ them work their magic in training seminars, but I didn't know if they \_\_\_\_\_ 3 \_\_\_\_\_ take this complex topic and fit into a book. They did. I \_\_\_\_\_ 4 \_\_\_\_\_ you to really dig into this material, to pause and think deeply about each part and how the parts are \_\_\_\_\_ 5 \_\_\_\_\_.

**SubQuestion No : 21**

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

- Ans**  1. be  
 2. been  
 3. had  
 4. is

Question ID : 264330149890  
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.

I know these authors to \_\_\_\_\_ 1 \_\_\_\_\_ outstanding individuals and remarkable teachers and consultants and have even \_\_\_\_\_ 2 \_\_\_\_\_ them work their magic in training seminars, but I didn't know if they \_\_\_\_\_ 3 \_\_\_\_\_ take this complex topic and fit into a book. They did. I \_\_\_\_\_ 4 \_\_\_\_\_ you to really dig into this material, to pause and think deeply about each part and how the parts are \_\_\_\_\_ 5 \_\_\_\_\_.

**SubQuestion No : 22**

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

- Ans**  1. seen  
 2. seeing  
 3. see  
 4. saw

Question ID : 264330149891  
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.

I know these authors to \_\_\_\_\_1\_\_\_\_\_ outstanding individuals and remarkable teachers and consultants and have even \_\_\_\_\_2\_\_\_\_\_ them work their magic in training seminars, but I didn't know if they \_\_\_\_\_3\_\_\_\_\_ take this complex topic and fit into a book. They did. I \_\_\_\_\_4\_\_\_\_\_ you to really dig into this material, to pause and think deeply about each part and how the parts are \_\_\_\_\_5\_\_\_\_\_.

**SubQuestion No : 23**

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

- Ans**
- 1. had
  - 2. are
  - 3. have
  - 4. could

Question ID : 264330149892  
Status : Answered  
Chosen Option : 4

**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.

I know these authors to \_\_\_\_\_1\_\_\_\_\_ outstanding individuals and remarkable teachers and consultants and have even \_\_\_\_\_2\_\_\_\_\_ them work their magic in training seminars, but I didn't know if they \_\_\_\_\_3\_\_\_\_\_ take this complex topic and fit into a book. They did. I \_\_\_\_\_4\_\_\_\_\_ you to really dig into this material, to pause and think deeply about each part and how the parts are \_\_\_\_\_5\_\_\_\_\_.

**SubQuestion No : 24**

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

- Ans**
- 1. contradict
  - 2. deny
  - 3. encourage
  - 4. think

Question ID : 264330149893  
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.

I know these authors to \_\_\_\_\_1\_\_\_\_\_ outstanding individuals and remarkable teachers and consultants and have even \_\_\_\_\_2\_\_\_\_\_ them work their magic in training seminars, but I didn't know if they \_\_\_\_\_3\_\_\_\_\_ take this complex topic and fit into a book. They did. I \_\_\_\_\_4\_\_\_\_\_ you to really dig into this material, to pause and think deeply about each part and how the parts are \_\_\_\_\_5\_\_\_\_\_.

**SubQuestion No : 25**

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

- Ans**
- 1. recalled
  - 2. sequenced
  - 3. jumbled
  - 4. tinkered

Question ID : 264330149894  
Status : Answered  
Chosen Option : 2

Section : **General Intelligence**

**Q.1** If 21 May 2009 is Thursday, then what will be the day of the week on 15 July 2017?

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

Question ID : **264330146643**  
Status : **Answered**  
Chosen Option : **1**

**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 follow/s from the given statements.

Statements:

All tankers are ships.

Some ships are rockets.

Some tankers are guns.

Conclusion (I): Some guns are ships.

Conclusion (II): Some tankers are rockets.

- Ans**
- 1. Neither conclusion (I) nor (II) is true.
  - 2. Only conclusion (II) is true.
  - 3. Both conclusions (I) and (II) are true.
  - 4. Only conclusion (I) is true.

Question ID : **264330151003**  
Status : **Answered**  
Chosen Option : **4**

**Q.3** Select the pair of letter-clusters which follows the same pattern as that followed by the two sets of pair of letter-clusters given below. Both pairs of letter-clusters follow the same pattern.

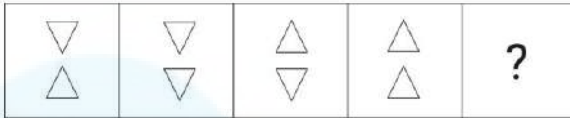
FJM : DHK

OQR : MOP

- Ans**
- 1. JPT : TPJ
  - 2. SWY : UYA
  - 3. LMO : KPQ
  - 4. NTW : LRU

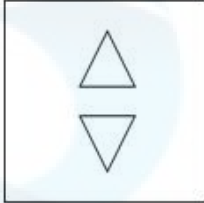
Question ID : **264330147119**  
Status : **Answered**  
Chosen Option : **4**

**Q.4** Identify the figure given in the options which when put in place of the question mark (?) will logically complete the series.

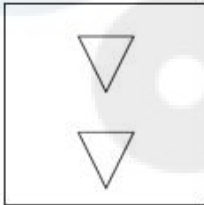


**Ans**

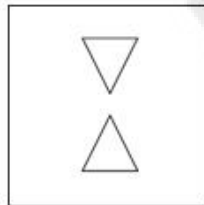
✗ 1.



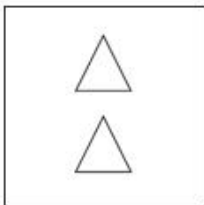
✗ 2.



✓ 3.



✗ 4.



Question ID : 264330147237  
Status : Answered  
Chosen Option : 3

**Q.5** JPVZ is related to PVBF in a certain way based on a certain relationship between the given letters in the English alphabetical order. In the same way, HQRS is related to NWXY. To which of the following is EJUO related to following the same logic?

**Ans**

✗ 1. ZSFO

✗ 2. JPHN

✗ 3. NWJF

✓ 4. KPAU

Question ID : 264330147106  
Status : Answered  
Chosen Option : 4

**Q.6** 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.)  
46 - 12 - 17 and 62 - 12 - 25

- Ans**
- 1. 85 - 13 - 36
  - 2. 51 - 27 - 34
  - 3. 39 - 36 - 18
  - 4. 20 - 15 - 23

Question ID : 264330150912  
Status : Answered  
Chosen Option : 1

**Q.7** In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the option in which the numbers are related in the same way as are the numbers of the following pairs.

(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/deleting/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.)

4, 19

11, 124

- Ans**
- 1. 13, 172
  - 2. 9, 75
  - 3. 16, 240
  - 4. 5, 33

Question ID : 264330146387  
Status : Answered  
Chosen Option : 1

**Q.8** What will come in place of the question mark (?) in the following equation if '+' and 'x' are interchanged and '-' and '÷' are interchanged?

$$9 + 11 \div 2 \times 36 - 12 = ?$$

- Ans**
- 1. 103
  - 2. 98
  - 3. 109
  - 4. 100

Question ID : 264330147037  
Status : Answered  
Chosen Option : 4

**Q.9** Find the correct alternative that when filled in the blanks in the same sequence will make the series logically complete.  
\_\_ZV\_\_Z\_\_A\_\_VA\_\_A\_\_

- Ans**
- 1. ZAVAAZZV
  - 2. VAAVZZVZ
  - 3. AVZVVZVZ
  - 4. AVVAZZVV

Question ID : 264330150479  
Status : Answered  
Chosen Option : 2

**Q.10** Select the pair from the below options that has the same analogy as the following given pairs.

(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)

5 : 26

9 : 82

- Ans**
- 1. 4 : 24
  - 2. 3 : 12
  - 3. 2 : 5
  - 4. 6 : 55

Question ID : 264330150863  
Status : Answered  
Chosen Option : 3

**Q.11** If 'A' stands for '+', 'B' stands for '×', 'C' stands for '÷' and 'D' stands for '−', what will come in place of the question mark (?) in the following equation?

83 C 7 B 539 A 49 D 29 = ?

- Ans**
- 1. 131
  - 2. 171
  - 3. 121
  - 4. 180

Question ID : 264330146352  
Status : Answered  
Chosen Option : 1

**Q.12** B is the father of C. C is the brother of Q. Q is the son of M's son. M is married to T. B is the only son of T. T is the mother of U. How is T related to Q?

- Ans**
- 1. Father
  - 2. Mother's brother
  - 3. Mother's mother
  - 4. Father's mother

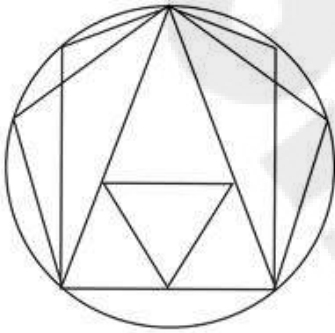
Question ID : 264330150845  
Status : Answered  
Chosen Option : 4

**Q.13** Q is married to L. L is the sister of T. T is the daughter of R. R is the brother of P. P is married to N. N is the father of Q.  
How is P related to L?

- Ans**
- 1. Mother's mother
  - 2. Mother's sister
  - 3. Father's mother
  - 4. Father's sister

Question ID : 264330146734  
Status : Answered  
Chosen Option : 4

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



- Ans**
- 1. 16
  - 2. 10
  - 3. 12
  - 4. 15

Question ID : 264330146922  
Status : Answered  
Chosen Option : 4

**Q.15** 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. Eg. 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 - 15 - 200 and 10 - 12 - 140

- Ans**
- 1. 9 - 5 - 40
  - 2. 6 - 9 - 74
  - 3. 2 - 4 - 10
  - 4. 7 - 8 - 56

Question ID : 264330150910  
Status : Answered  
Chosen Option : 2

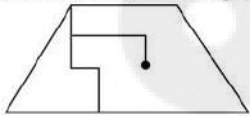
Q.16 What should come in place of the question mark (?) in the given series?

242, 246, 255, ?, 296

- Ans
- ✓ 1. 271
  - ✗ 2. 264
  - ✗ 3. 270
  - ✗ 4. 259

Question ID : 264330147426  
Status : Answered  
Chosen Option : 1

Q.17 Select the correct mirror image of the given figure when the mirror is placed at MN as shown.



M / / / / / N

Ans

- ✓ 1.
- ✗ 2.
- ✗ 3.
- ✗ 4.

Question ID : 264330146502  
Status : Answered  
Chosen Option : 1

**Q.18** Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

AB\_N \_DOP E\_QR \_HST IJU\_

- Ans**
- 1. MCGIV
  - 2. CMGIV
  - 3. CMGFV
  - 4. MCFGV

Question ID : 264330146872  
Status : Answered  
Chosen Option : 4

**Q.19** In a certain code language, 'ear eyes nose chin cheeks' is written as 'si ei ki ri ni', 'nose legs hands fingers' is written as 'gi fi di ei', 'eyes ear hands' is written as 'ri si di' and 'legs cheeks eyes' is written as 'ki gi si'. How is 'chin' coded in that language?

- Ans**
- 1. ni
  - 2. si
  - 3. ri
  - 4. ki

Question ID : 264330146340  
Status : Answered  
Chosen Option : 1

**Q.20** Select the number from among the given options that can replace the (?) in the following series.

0, 5, 12, 21, ?, 45, 60

- Ans**
- 1. 35
  - 2. 32
  - 3. 34
  - 4. 30

Question ID : 264330147477  
Status : Answered  
Chosen Option : 2

**Q.21** The position of how many letters will be changed if each of the letters in the word ACQUIRE is arranged in alphabetical order?

- Ans**
- 1. Four
  - 2. Two
  - 3. One
  - 4. Three

Question ID : 264330146876  
Status : Answered  
Chosen Option : 1

Q.22 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans
- 1. J 8 2 J a W
  - 2. J 5 8 1 6 W
  - 3. 7 8 5 J a W
  - 4. J 8 2 1 6 W

Question ID : 264330146715  
Status : Answered  
Chosen Option : 4

Q.23 Select the option in which the letter-clusters share the same relationship as that shared by the given pair of letter-clusters.

XFI : CKN

PFS : UKX

- Ans
- 1. JPW : OLD
  - 2. DOP : IJU
  - 3. HPS : MUX
  - 4. TOM : YLN

Question ID : 264330146955  
Status : Answered  
Chosen Option : 3

Q.24 In a certain code language, 'PRIME' is coded as '37862' and 'REMAP' is coded as '87423'. What is the code for 'A' in the given code language?

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

Question ID : 264330147195  
Status : Answered  
Chosen Option : 4

Q.25 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. PRT
  - 2. ACD
  - 3. UWY
  - 4. BDF

Question ID : 264330147096  
Status : Answered  
Chosen Option : 2

Section : **Quantitative Aptitude**

**Q.1** A cuboidal water tank is 12 m long, 9 m wide and 7.5 m deep. How many litres of water can it hold?

- Ans**
- 1. 840000
  - 2. 805000
  - 3. 780000
  - 4. 810000

Question ID : **264330148104**  
Status : **Answered**  
Chosen Option : **4**

**Q.2** If  $A = \frac{1}{7}$  and  $B = \frac{1}{8}$  and the average of A, B and C is  $\frac{1}{13}$ , then the value of C is:

- Ans**
- 1.  $-\frac{31}{728}$
  - 2.  $-\frac{27}{728}$
  - 3.  $-\frac{89}{728}$
  - 4.  $-\frac{49}{728}$

Question ID : **264330150739**  
Status : **Not Answered**  
Chosen Option : --

**Q.3** In triangle  $\triangle MNO$ , AB is parallel NO and  $MA = 2.5$ ,  $AN = 7.5$ ,  $MB = 2.2$ , find the value of BO.

- Ans**
- 1. 6.6
  - 2. 8.2
  - 3. 5.4
  - 4. 4.8

Question ID : **264330150794**  
Status : **Answered**  
Chosen Option : **1**

**Q.4** If  $\sec\theta = 2\frac{4}{23}$ , find the value of  $\tan^2\theta$ .

- Ans**
- 1.  $2\frac{16}{529}$
  - 2.  $1\frac{200}{529}$
  - 3.  $3\frac{384}{529}$
  - 4.  $3\frac{177}{529}$

Question ID : **264330146838**  
Status : **Answered**  
Chosen Option : **3**

**Q.5** The following table gives the marks obtained by six students in five different subjects in an examination. The numbers in the bracket give the maximum marks in each subject.

Students	Subject (Maximum Marks)				
	English (100)	Hindi (100)	Mathematics (150)	Chemistry (60)	Physics (60)
A	82	54	101	43	60
B	75	48	126	35	52
C	66	68	150	22	48
D	68	73	135	40	55
E	92	69	140	52	32
F	73	54	98	48	41

What are the average marks obtained by all six students in chemistry?

- Ans**
- 1. 35
  - 2. 45
  - 3. 50
  - 4. 40

Question ID : 264330150941  
Status : Answered  
Chosen Option : 4

**Q.6** Pawan purchases 70 articles for ₹16,875 and sells them at a loss equal to the selling price of 5 articles. What will be the selling price of one article?

- Ans**
- 1. ₹220
  - 2. ₹230
  - 3. ₹235
  - 4. ₹225

Question ID : 264330148191  
Status : Not Answered  
Chosen Option : --

**Q.7** Find the compound interest on ₹10,000 for  $1\frac{1}{2}$  years at 20% per annum, interest is payable half-yearly.

- Ans**
- 1. ₹3,315
  - 2. ₹3,310
  - 3. ₹3,305
  - 4. ₹3,320

Question ID : 264330148198  
Status : Answered  
Chosen Option : 2

**Q.8** The Pie chart shows the percentage distributions of total number of laptops (both Dell and HP) sold by six stores in March.

Refer to the pie chart and table carefully and answer the given questions

Total number = 11200



Ratio of the numbers of Dell and HP sold	
Stores	Ratio
A	5 : 4
B	7 : 6
C	1 : 4
D	11 : 10
E	4 : 3
F	3 : 1

What is the ratio of the number of Dell laptops sold by A to that of the HP laptops sold by stores C and D together?

- Ans**
- 1. 49 : 72
  - 2. 35 : 76
  - 3. 49 : 76
  - 4. 43 : 76

Question ID : 264330150790  
Status : Answered  
Chosen Option : 3

**Q.9** A boat can move upstream at 25 km/h and downstream at 35 km/h. What is the speed of the current?

- Ans**
- 1. 10 km/h
  - 2. 15 km/h
  - 3. 5 km/h
  - 4. 22.5 km/h

Question ID : 264330148248  
Status : Answered  
Chosen Option : 3

**Q.10** Which of the following sets is such that all its elements are divisors of the number 2520?

- Ans**
- 1. 12, 49, 18
  - 2. 8, 9, 7
  - 3. 16, 15, 14
  - 4. 21, 10, 25

Question ID : 264330149760  
Status : Answered  
Chosen Option : 2

**Q.11** In an isosceles triangle, if the unequal angle is five times the sum of the equal angles, then each equal angle is:

- Ans**
- 1.  $45^\circ$
  - 2.  $60^\circ$
  - 3.  $15^\circ$
  - 4.  $30^\circ$

Question ID : 264330148861  
Status : Answered  
Chosen Option : 3

**Q.12** Arun sold his goods at a loss of 10%. If the selling price of the goods had been increased by ₹270, there would have been a gain of 8%. What was the cost price (in ₹) of the goods for Arun?

- Ans**
- 1. 1,800
  - 2. 1,150
  - 3. 1,650
  - 4. 1,500

Question ID : 264330147894  
Status : Answered  
Chosen Option : 4

**Q.13** The value of  $\frac{\cos 65^\circ}{\sin 25^\circ} + \frac{\cos 55^\circ}{\sin 35^\circ} - \tan 50^\circ \cot 50^\circ$  is equal to:

- Ans**
- 1. 2
  - 2. 0
  - 3. -1
  - 4. 1

Question ID : 264330148838  
Status : Answered  
Chosen Option : 4

**Q.14** An inlet pipe can fill an empty tank in 51 hours while an outlet pipe drains a completely-filled tank in 76.5 hours. If both the pipes are opened simultaneously when the tank is empty, in how many hours will the tank get completely filled?

- Ans**
- 1. 178.5
  - 2. 127.5
  - 3. 102
  - 4. 153

Question ID : 264330146795  
Status : Answered  
Chosen Option : 3

**Q.15** At how much per cent above the cost price should a trader mark his goods so that after allowing a discount of 25%, he still gains 5%?

- Ans**
- 1. 35
  - 2. 32
  - 3. 50
  - 4. 40

Question ID : 264330148239  
Status : Answered  
Chosen Option : 4

**Q.16** Find the value of  $\frac{\cos^2 25^\circ - \sin^2 65^\circ}{\cos^2 25^\circ + \sin^2 65^\circ}$  :

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

Question ID : 264330148212  
Status : Answered  
Chosen Option : 4

**Q.17** Half of the length of the chord of a circle is 12 cm and the perpendicular distance between the centre and the chord is 5 cm. The radius of the circle is:

- Ans**
- 1. 12 cm
  - 2. 13 cm
  - 3. 10 cm
  - 4. 24 cm

Question ID : 264330148865  
Status : Answered  
Chosen Option : 2

**Q.18** What is the amount (in ₹) of debt that will be discharged in 6 equal instalments of ₹800 each, if the debt is due in 6 years at 5% per annum?

- Ans**
- 1. 6,600
  - 2. 7,500
  - 3. 8,000
  - 4. 5,400

Question ID : 264330151418  
Status : Not Answered  
Chosen Option : --

Q.19 If  $x^2 - 11x + 1 = 0$ , what is the value of  $x^8 - 14159x^4 + 11$ ?

- Ans
- 1. 9
  - 2. 10
  - 3. 12
  - 4. 11

Question ID : 264330146857  
Status : Not Answered  
Chosen Option : --

Q.20 If  $a + b + c = 16$ ,  $ab + bc + ac = 81$ , what is the value of  $a^2 + b^2 + c^2$ ?

- Ans
- 1. 94
  - 2. 98
  - 3. 89
  - 4. 87

Question ID : 264330147810  
Status : Answered  
Chosen Option : 1

Q.21 What is the mean proportional between 3 and 27?

- Ans
- 1. 30
  - 2. 81
  - 3. 15
  - 4. 9

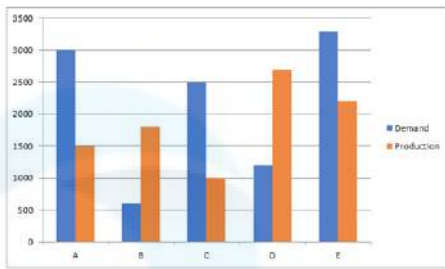
Question ID : 264330147861  
Status : Answered  
Chosen Option : 4

Q.22 Two circles of radii 9 cm and 4 cm, respectively, touch each other externally at point A. PQ is the direct common tangent of those two circles of centres  $O_1$  and  $O_2$ , respectively. The length of PQ is equal to:

- Ans
- 1. 13 cm
  - 2. 11 cm
  - 3. 10 cm
  - 4. 12 cm

Question ID : 264330149459  
Status : Answered  
Chosen Option : 1

**Q.23** Study the following graph carefully and answer the questions given below it.



What is the ratio of companies having more demand than production to those having more production than demand?

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

Question ID : 264330151149  
Status : Answered  
Chosen Option : 2

**Q.24** Simplify the following expression.

$$(a + b + c)^2 - (a - b + c)^2 + 4ac$$

- Ans**
- 1.  $4(bc + ac)$
  - 2.  $2(ab + bc + ac)$
  - 3.  $4(ab + bc + ac)$
  - 4.  $4(bc + ab)$

Question ID : 264330147690  
Status : Answered  
Chosen Option : 3

**Q.25** The company offers the following four types of successive discounts on a computer which is listed at ₹6,000.

- i) 25% and 15%
- ii) 30% and 10%
- iii) 35% and 5%
- iv) 20% and 20%

Which of these offers is best for a customer?

- Ans**
- 1. Fourth offer
  - 2. First offer
  - 3. Third offer
  - 4. Second offer

Question ID : 264330149413  
Status : Answered  
Chosen Option : 3

**Q.1** Which radioactive isotope has a half-life of 5770 years, which is commonly used to estimate the age of organic materials such as paper and parchment?

- Ans**
- 1.  ${}^9\text{C}$
  - 2.  ${}^{12}\text{C}$
  - 3.  ${}^{14}\text{C}$
  - 4.  ${}^{17}\text{C}$

Question ID : 264330145600  
Status : Answered  
Chosen Option : 2

**Q.2** Who said 'PURA is one of the mechanisms which will be utilised for transforming our villages into productive economic zones'?

- Ans**
- 1. APJ Abdul Kalam
  - 2. Manmohan Singh
  - 3. Dadabhai Naoroji
  - 4. Atal Bihari Vajpayee

Question ID : 264330146129  
Status : Answered  
Chosen Option : 4

**Q.3** Which of the following is the right relationship between geometric length ( $L_g$ ) and magnetic length ( $L_m$ )?

- Ans**
- 1.  $L_m = \frac{6}{5} * L_g$
  - 2.  $L_m = L_g$
  - 3.  $L_m = 2R_Y$
  - 4.  $L_m = \frac{5}{6} * L_g$

Question ID : 264330144463  
Status : Answered  
Chosen Option : 4

**Q.4** Who was the first woman graduate of Calcutta University?

- Ans**
- 1. Sarojini Naidu
  - 2. Annie Besant
  - 3. Kadambini Ganguly
  - 4. Rajkumari Amritkaur

Question ID : 264330150231  
Status : Answered  
Chosen Option : 1

**Q.5** Which of these statements is true?

**Ans**  1.

At lower rates of interest, people will have a lower preference for liquidity.

2.

At higher rates of interest transactions demand for money will be higher.

3.

At lower rates of interest, speculative demand for money will be higher.

4.

At higher rates of interest liquidity preference of people will increase

Question ID : 264330144693

Status : Answered

Chosen Option : 3

**Q.6** Which of the following is an example of capital receipt?

**Ans**  1. Disinvestment of Public Sector Banks by the Government

2. Passport Fees

3. Land Registration Fees

4. General donation

Question ID : 264330145686

Status : Answered

Chosen Option : 1

**Q.7** A father was speaking about the rich cultural heritage of India to his young son and his teenager friends. The fundamental duty in which Article was the father promoting?

**Ans**  1. Article 51A (f)

2. Article 51A (e)

3. Article 51A (d)

4. Article 51A (c)

Question ID : 264330145734

Status : Answered

Chosen Option : 2

**Q.8** Which of the following options best describes the objective of Pradhan Mantri Rojgar Protsahan Yojana (PMRPY) Scheme, 2016?

**Ans**  1. To provide financial assistance to entrepreneurs

2. To provide free healthcare services to the unemployed

3. To provide employment opportunities for rural women

4. To encourage employers to create new jobs

Question ID : 264330150289

Status : Answered

Chosen Option : 1

**Q.9** Who among the following leaders received the 'Lifetime Achievement Award' during the 13th Sansad Ratna Awards?

- Ans**
- 1. Chandrababu Naidu
  - 2. Kumar Mangalam
  - 3. Sumitra Mahajan
  - 4. TK Rangarajan

Question ID : 264330145964  
Status : Answered  
Chosen Option : 4

**Q.10** The name of Ustad Vilayat Khan is associated with which of the following Indian musical instruments?

- Ans**
- 1. Santoor
  - 2. Sitar
  - 3. Bansuri
  - 4. Tabla

Question ID : 264330145783  
Status : Answered  
Chosen Option : 2

**Q.11** Which state government launched the crop insurance portal 'Mukhya Mantri Bagwani Bima Yojana' in 2022?

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

Question ID : 264330155078  
Status : Answered  
Chosen Option : 4

**Q.12** When did British Empire Games start?

- Ans**
- 1. 1936
  - 2. 1938
  - 3. 1930
  - 4. 1934

Question ID : 264330145907  
Status : Answered  
Chosen Option : 4

**Q.13** \_\_\_\_\_ is the income of the Government, Which arises out of the property left by the people without a legal heir.

- Ans**
- 1. Escheat
  - 2. Moot
  - 3. Felony
  - 4. Lien

Question ID : 264330145684  
Status : Answered  
Chosen Option : 1

**Q.14** Which of the following Indian states is NOT covered by the Deccan Plateau?

- Ans**
- 1. Telangana
  - 2. Maharashtra
  - 3. Andhra Pradesh
  - 4. Madhya Pradesh

Question ID : 264330150259  
Status : Answered  
Chosen Option : 3

**Q.15** Which hypothesis was proposed by Paul Ehrlich to suggest the importance of species richness in the maintenance of ecosystems?

- Ans**
- 1. Portfolio hypothesis
  - 2. Redundancy hypothesis
  - 3. Predation hypothesis
  - 4. Rivet popper hypothesis

Question ID : 264330145624  
Status : Answered  
Chosen Option : 2

**Q.16** Paika dance is performed in which of the following states?

- Ans**
- 1. Goa
  - 2. Kerala
  - 3. Assam
  - 4. Jharkhand

Question ID : 264330148643  
Status : Answered  
Chosen Option : 4

**Q.17** Maharshi Dayanand Saraswati founded the Arya Samaj organisation in 1875 at which of the following places?

- Ans**
- 1. Lahore
  - 2. Delhi
  - 3. Amritsar
  - 4. Bombay

Question ID : 264330152562  
Status : Answered  
Chosen Option : 4

**Q.18** Which of the following is a feature of the Indian Constitution?

- Ans**
- 1. Lengthiest written constitution
  - 2. Rigid constitution
  - 3. Presidential form of government
  - 4. Dual citizenship

Question ID : 264330146547  
Status : Answered  
Chosen Option : 1

**Q.19** Modhera dance festival is performed in which of the following states?

- Ans**
- 1. Maharashtra
  - 2. Gujarat
  - 3. Karnataka
  - 4. Manipur

Question ID : 264330148666  
Status : Answered  
Chosen Option : 2

**Q.20** On which planet has a rotating oval of clouds, twice as wide as Earth, called the 'Great Red Spot' been observed for more than 300 years?

- Ans**
- 1. Neptune
  - 2. Mercury
  - 3. Jupiter
  - 4. Venus

Question ID : 264330152523  
Status : Answered  
Chosen Option : 3

**Q.21** Padma Shri awardee of 2019 and classical dancer, Narthaki Nataraj belongs to which of the following dance genres?

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

Question ID : **264330151216**  
Status : **Answered**  
Chosen Option : **2**

**Q.22** Ibn Battuta, a traveller, hailed from which of the following countries?

- Ans**
- 1. Iran
  - 2. Afghanistan
  - 3. Morocco
  - 4. Mongolia

Question ID : **264330148562**  
Status : **Answered**  
Chosen Option : **3**

**Q.23** Who among the following Indian wrestlers won the Gold Medal in the 57 kg category at the Asian Wrestling Championship 2023?

- Ans**
- 1. Anirudh Galia
  - 2. Deepak Mirka
  - 3. Neeraj Chhikra
  - 4. Aman Sherawat

Question ID : **264330154817**  
Status : **Answered**  
Chosen Option : **4**

**Q.24** \_\_\_\_\_ became the first Indian footballer to play in the UEFA Women's Champions League in 2022.

- Ans**
- 1. Pyari Xaxa
  - 2. Ashalata Devi
  - 3. Manisha Kalyan
  - 4. Jyoti Chouhan

Question ID : **264330146280**  
Status : **Answered**  
Chosen Option : **3**

Q.25 The committee headed by Radhakrishna recommended \_\_\_\_\_.

Ans  1.

The initiation of Regulatory Policy for Microfinance Institutions

2. The creation of Project EShakti

3. the initiation of the National Rural Livelihood Mission

4. the creation of RRBs

Question ID : 264330145875

Status : Answered

Chosen Option : 4