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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**

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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**

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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. Philolegy
✗ 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**

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

My parents <u>had not call</u> 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 <u>predict</u> 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 <u>lover and collector of books</u>.

Ans
✗ 1. anglophile
✗ 2. recluse
✓ 3. bibliophile
✗ 4. polyglot

Question ID : **264330144275**
Status : **Answered**
Chosen Option : **3**

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

We should protect ourselves from <u>jealous</u> 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 <u>possible to get it at everyplace in huge amount</u>.

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**

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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**

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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**

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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

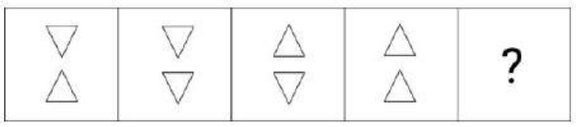
✘ 3. LMO : KPQ

✔ 4. NTW : LRU

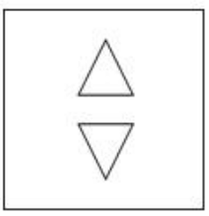
Question ID : **264330147119**
Status : **Answered**
Chosen Option : **4**

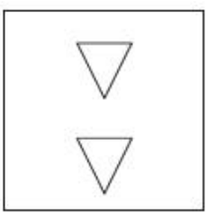
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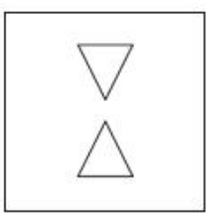
Q.4 Identify the figure given in the options which when put in place of the question mark (?) will logically complete the series.

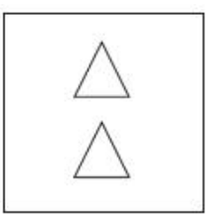


Ans

✗ 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**

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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 '×' 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**

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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**

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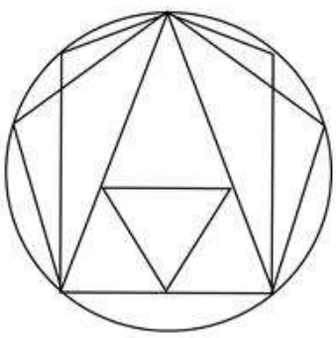
Q.13 Q is married to L. L is the sister of T. T is the daughter of R. R is the brother of P. P is married to N. N is the father of Q. How is P related to L?

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. E.g. 13 - Operations on 13 such as adding/ subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
12 - 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**

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

242, 246, 255, ?, 296

Ans

✔ 1. 271

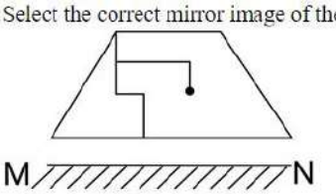
✘ 2. 264

✘ 3. 270

✘ 4. 259

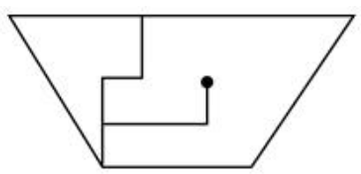
Question ID : **264330147426**
Status : **Answered**
Chosen Option : **1**

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

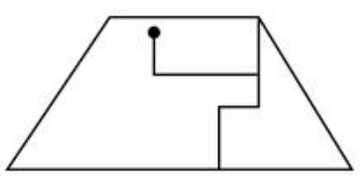


Ans

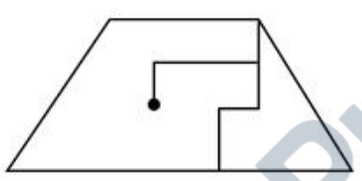
✔ 1.



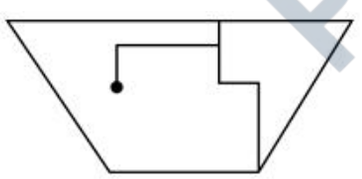
✘ 2.



✘ 3.



✘ 4.



Question ID : **264330146502**
Status : **Answered**
Chosen Option : **1**

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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?

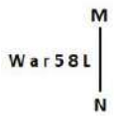
Ans

1. ✓ Four
2. ✗ Two
3. ✗ One
4. ✗ Three

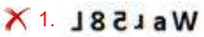
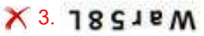
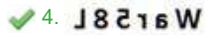
Question ID : **264330146876**
Status : **Answered**
Chosen Option : **1**

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



Ans

1. ✗ 
2. ✗ 
3. ✗ 
4. ✓ 

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**

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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 △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**

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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**

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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**

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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. $45°$

✗ 2. $60°$

✓ 3. $15°$

✗ 4. $30°$

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 $\frac{\cos 65°}{\sin 25°} + \frac{\cos 55°}{\sin 35°} - \tan 50° \cot 50°$ 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**

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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 : **--**

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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**

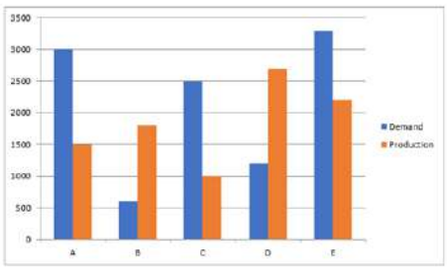
Q.22 Two circles of radii 9 cm and 4 cm, respectively, touch each other externally at point A. PQ is the direct common tangent of those two circles of centres O_1 and O_2, respectively. The length of PQ is equal to:

Ans
1. ✗ 13 cm
2. ✗ 11 cm
3. ✗ 10 cm
4. ✓ 12 cm

Question ID : **264330149459**
Status : **Answered**
Chosen Option : **1**

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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**

Section : **General Awareness**

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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}C

✗ 2. ^{12}C

✓ 3. ^{14}C

✗ 4. ^{17}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. $Lm = \frac{6}{5} * Lg$

✗ 2. $L_m = L_g$

✗ 3. $L_m = 2RY$

✓ 4. $L_m = \frac{5}{6} * Lg$

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**

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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**

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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**

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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**

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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**

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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**

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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**

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