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Combined Higher Secondary Level Examination 2023 Tier I

Roll Number	
Candidate Name	
Venue Name	
Exam Date	03/08/2023
Exam Time	9:00 AM - 10:00 AM
Subject	CHSL Exam 2023 Tier I

Section : **English Language**

Q.1 **Select the most appropriate ANTONYM of the given word.**

Sumptuous

Ans
✗ 1. Unremitting
✗ 2. Lucrative
✓ 3. Inexpensive
✗ 4. Delectable

Question ID : **264330143983**
Status : **Answered**
Chosen Option : **2**

Q.2 **Select the meaningful and correctly spelt word from the given options to fill in the blank.**

The chief guest is _____ to arrive at the venue within half an hour.

Ans
✗ 1. accepted
✗ 2. expieted
✓ 3. expected
✗ 4. espected

Question ID : **264330148934**
Status : **Answered**
Chosen Option : **3**

Q.3 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**
Peter <u>was brought in the</u> penalty area.

Ans
✗ 1. was brought down of the
✗ 2. was brought of the
✗ 3. was brought on the
✓ 4. was brought down in the

Question ID : **264330143628**
Status : **Answered**
Chosen Option : **4**

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Q.4 **Identify the error in the use of preposition in the given sentence and select the correct option.**
Radhika is not capable on participating in a national level competition.

Ans
✗ 1. about
✓ 2. of
✗ 3. on
✗ 4. at

Question ID : **264330150102**
Status : **Answered**
Chosen Option : **2**

Q.5 **Select the option that expresses the given sentence in passive voice.**
They cancelled the meeting due to bad weather.

Ans
✗ 1. The meeting is cancelled by them because of bad weather.
✓ 2. The meeting was cancelled due to bad weather.
✗ 3. They cancelled the meeting and bad weather was the cause.
✗ 4. The bad weather is the reason they cancelled the meeting.

Question ID : **264330149482**
Status : **Answered**
Chosen Option : **2**

Q.6 **Select the option that expresses the given sentence in active voice.**
The work will be finished by the mason within a short time.

Ans
✗ 1. The mason will be finishing the work within a short time.
✗ 2. The mason would have finish the work within a short time.
✗ 3. The mason would finish the work within a short time.
✓ 4. The mason will finish the work within a short time.

Question ID : **264330143039**
Status : **Answered**
Chosen Option : **4**

Q.7 **Select the most appropriate meaning of the given idiom.**
Memory like sieve

Ans
✗ 1. Being healthy
✓ 2. Poor memory
✗ 3. Feeling ill
✗ 4. Remembering everything

Question ID : **264330144283**
Status : **Answered**
Chosen Option : **2**

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Q.8 **Select the most appropriate option that can substitute the underlined words in the following sentence.**

He will be looking as if he has not slept.

Ans
- ✔ 1. He looks
- ✘ 2. He has look
- ✘ 3. He was looking
- ✘ 4. He will be look

Question ID : **264330142622**
Status : **Answered**
Chosen Option : **3**

Q.9 **Identity the correct spelling of the underlined word.**

Medical termnalogy is difficult to understand.

Ans
- ✘ 1. tarmnalogy
- ✘ 2. tarminology
- ✔ 3. terminology
- ✘ 4. terminiology

Question ID : **264330143196**
Status : **Answered**
Chosen Option : **3**

Q.10 **Select the option that can be used as a one-word substitute for the given group of words.**
A person who loves and collects books

Ans
- ✔ 1. Bibliophile
- ✘ 2. Philanthropist
- ✘ 3. Geologist
- ✘ 4. Sommelier

Question ID : **264330143936**
Status : **Answered**
Chosen Option : **1**

Q.11 **Select the most appropriate ANTONYM of the given word.**
Amateur

Ans
- ✘ 1. Hobbyist
- ✘ 2. Devotee
- ✘ 3. Layman
- ✔ 4. Professional

Question ID : **264330143217**
Status : **Answered**
Chosen Option : **4**

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Q.12 **Select the most appropriate idiom for the underlined words in the given sentence.**

The candidate blamed the persistent traffic jam as reason of his being late and the interviewer <u>believed him though he was not convinced</u>.

Ans
✔ 1. gave the benefit of doubt
✘ 2. changed his tune
✘ 3. thought err is human and to forgive is divine
✘ 4. did not judge the book by its cover

Question ID : **264330144260**
Status : **Answered**
Chosen Option : **3**

Q.13 **Select the most appropriate synonym of the underlined word.**
Caves like Ajanta lie in <u>perpetual</u> darkness.

Ans
✔ 1. Permanent
✘ 2. Extreme
✘ 3. Brief
✘ 4. Huge

Question ID : **264330147599**
Status : **Answered**
Chosen Option : **1**

Q.14 **Select the most appropriate ANTONYM of the given word.**

Comply

Ans
✔ 1. Deny
✘ 2. Engage
✘ 3. Assist
✘ 4. Expect

Question ID : **264330142629**
Status : **Answered**
Chosen Option : **1**

Q.15 **The following sentence has been divided into four parts. One of them contains an error. Select the part that contains the error from the given options.**
The sun / revolves / around / a earth.

Ans
✘ 1. The sun
✘ 2. revolves
✔ 3. a earth
✘ 4. around

Question ID : **264330147556**
Status : **Answered**
Chosen Option : **3**

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Q.16 **Parts of a sentence are given below in jumbled order. Arrange the parts in the correct order to form a meaningful sentence.**
(A) between the two countries
(B) will inevitably count
(C) the recent political incident
(D) against the peace process

Ans
✗ 1. CDBA
✗ 2. CDAB
✗ 3. CBAD
✓ 4. CABD

Question ID : **264330148711**
Status : **Answered**
Chosen Option : **4**

Q.17 **Parts of a sentence are given below in jumbled order. Arrange the parts in the correct order to form a meaningful sentence.**
A. or brave man to make
B. money the chief object of his thoughts
C. for a well-educated, intellectual
D. it is physically impossible

Ans
✗ 1. ABCD
✓ 2. DCAB
✗ 3. CDAB
✗ 4. CABD

Question ID : **264330147570**
Status : **Answered**
Chosen Option : **2**

Q.18 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**
Mahesh's attitude annoyed me and I blew into.

Ans
✗ 1. annoyed me and I blew over
✗ 2. annoyed me and I blew off
✗ 3. annoyed me and I blew down of
✓ 4. annoyed me and I blew up

Question ID : **264330143625**
Status : **Answered**
Chosen Option : **2**

Q.19 **Select the most appropriate synonym of the word 'Pervasive' from the given sentence.**

The scientist's hypothesis was substantiated by extensive research and experimentation.

Ans
✓ 1. Extensive
✗ 2. Substantiated
✗ 3. Experimentation
✗ 4. Hypothesis

Question ID : **264330144155**
Status : **Not Answered**
Chosen Option : **--**

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Q.20 **Select the most appropriate homophone to fill in the blank.**

The dog took a _____ during his walk and lifted his _____ to indicate that he was tired.

Ans

✗ 1. pause; pours

✗ 2. pours; pores

✗ 3. paws; pause

✓ 4. pause; paws

Question ID : **264330144372**
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 have few deliberations for you. Don't leave your hard work to ____1____. If you have gone to the effort to complete a dialogue, ____2____ fritter away all the meaning you created by trusting your memories. Write down the ____3____ of conclusions, decisions and assignments. Remember to record ____4____ does what by when. Revisit your notes at key times and ____5____ assignments.

SubQuestion No : 21

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

Ans

✗ 1. diary

✗ 2. notes

✓ 3. memory

✗ 4. someone

Question ID : **264330149896**
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.
I have few deliberations for you. Don't leave your hard work to ____1____. If you have gone to the effort to complete a dialogue, ____2____ fritter away all the meaning you created by trusting your memories. Write down the ____3____ of conclusions, decisions and assignments. Remember to record ____4____ does what by when. Revisit your notes at key times and ____5____ assignments.

SubQuestion No : 22

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

Ans

✗ 1. does not

✗ 2. did not

✓ 3. do not

✗ 4. had not

Question ID : **264330149897**
Status : **Answered**
Chosen Option : **3**

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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 have few deliberations for you. Don't leave your hard work to ____1____. If you have gone to the effort to complete a dialogue, ____2____ fritter away all the meaning you created by trusting your memories. Write down the ____3____ of conclusions, decisions and assignments. Remember to record ____4____ does what by when. Revisit your notes at key times and ____5____ assignments.

SubQuestion No : 23

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

Ans
✗ 1. titles
✗ 2. failures
✓ 3. details
✗ 4. short cuts

Question ID : **264330149898**
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 have few deliberations for you. Don't leave your hard work to ____1____. If you have gone to the effort to complete a dialogue, ____2____ fritter away all the meaning you created by trusting your memories. Write down the ____3____ of conclusions, decisions and assignments. Remember to record ____4____ does what by when. Revisit your notes at key times and ____5____ assignments.

SubQuestion No : 24

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

Ans
✗ 1. which
✓ 2. who
✗ 3. that
✗ 4. whom

Question ID : **264330149899**
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 have few deliberations for you. Don't leave your hard work to ____1____. If you have gone to the effort to complete a dialogue, ____2____ fritter away all the meaning you created by trusting your memories. Write down the ____3____ of conclusions, decisions and assignments. Remember to record ____4____ does what by when. Revisit your notes at key times and ____5____ assignments.

SubQuestion No : 25

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

Ans
✗ 1. obliterate
✗ 2. introspect
✗ 3. speculate
✓ 4. review

Question ID : **264330149900**
Status : **Answered**
Chosen Option : **4**

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Section : **General Intelligence**

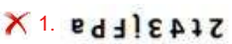
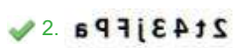
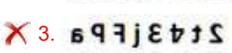
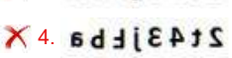
Q.1 Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.
(The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)
Begin – Start

Ans
1. ✗ Bitter – Sweet
2. ✗ Green – Leaf
3. ✓ Ban – Forbid
4. ✗ After – Before

Question ID : **264330146986**
Status : **Answered**
Chosen Option : **3**

Q.2 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 : **264330146686**
Status : **Answered**
Chosen Option : **2**

Q.3 If 11 August 2004 is Wednesday, then what will be the day of the week on 11 February 2006?

Ans
1. ✗ Friday
2. ✗ Sunday
3. ✗ Thursday
4. ✓ Saturday

Question ID : **264330147084**
Status : **Not Answered**
Chosen Option : **--**

Q.4 24 is related to 75 in a certain way. Following the same logic, 36 is related to 111. To which of the following is 43 related, following the same logic?

Ans
1. ✗ 130
2. ✗ 138
3. ✗ 135
4. ✓ 132

Question ID : **264330150901**
Status : **Answered**
Chosen Option : **4**

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Q.5 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

129 : 32 :: 109 : 27 :: 289 : ?

Ans

✗ 1. 54

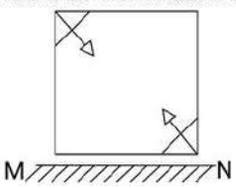
✗ 2. 96

✓ 3. 72

✗ 4. 28

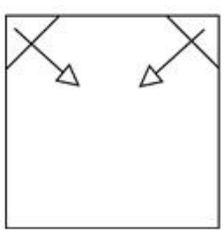
Question ID : **264330150860**
Status : **Answered**
Chosen Option : **3**

Q.6 Select the correct mirror image of the given figure when the mirror is placed at MN as shown.

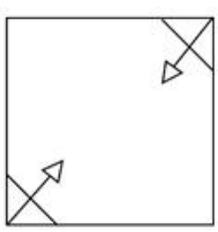


Ans

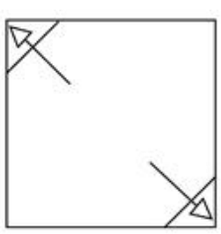
✗ 1.



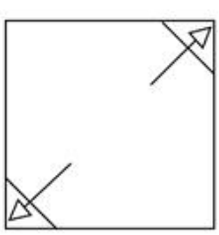
✓ 2.



✗ 3.



✗ 4.



Question ID : **264330146477**
Status : **Answered**
Chosen Option : **2**

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Q.7 In a certain code language, 'QUIRKY' is coded as 'TCLZNG' and 'MUZHIK' is coded as 'PCCPLS'. What is the code for 'FROWZY' in the given code language?

Ans
1. ✗ IZKECG
2. ✓ IZRECG
3. ✗ IZREDG
4. ✗ IZRECF

Question ID : **264330147402**
Status : **Answered**
Chosen Option : **2**

Q.8 AFKQ is related to BELR in a certain way based on the English alphabetical order. In the same way, IQWY is related to JPXZ. To which of the following is CMSU related to following the same logic?

Ans
1. ✗ XNHE
2. ✗ BLRT
3. ✗ DKTU
4. ✓ DLTV

Question ID : **264330147107**
Status : **Answered**
Chosen Option : **4**

Q.9 What will come in the place of the question mark (?) in the following equation if '+' and '−' are interchanged and '×' and '÷' are interchanged?

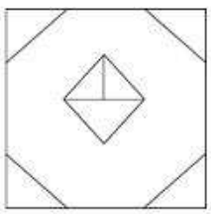
$13 \div 182 \times 14 - 45 + 24 = ?$

Ans
1. ✗ 194
2. ✗ 183
3. ✓ 190
4. ✗ 187

Question ID : **264330146411**
Status : **Answered**
Chosen Option : **3**

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Q.10 How many triangles are there in the given figure?



Ans

✗ 1. 9

✗ 2. 10

✗ 3. 11

✓ 4. 8

Question ID : **264330147346**
Status : **Answered**
Chosen Option : **4**

Q.11 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.)
4 - 12 - 50 and 7 - 12 - 86

Ans

✗ 1. 3 - 6 - 18

✓ 2. 6 - 18 - 110

✗ 3. 2 - 5 - 23

✗ 4. 5 - 7 - 34

Question ID : **264330150908**
Status : **Answered**
Chosen Option : **2**

Q.12 In a certain code language, 'TRIM' is coded as '6794' and 'MINT' is coded as '3679'. What is the code for 'R' in the given code language?

Ans

✗ 1. 9

✓ 2. 4

✗ 3. 3

✗ 4. 7

Question ID : **264330147200**
Status : **Answered**
Chosen Option : **2**

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Q.13 What should come in place of the question mark (?) in the given series?

254 251 245 236 224 ?

Ans

1. ✗ 212
2. ✓ 209
3. ✗ 210
4. ✗ 206

Question ID : **264330151007**
Status : **Answered**
Chosen Option : **2**

Q.14 Three of the following four letter-clusters are alike in some manner and hence form a group. Which letter-cluster does not belong to that group?

Ans

1. ✗ MKN
2. ✗ QOR
3. ✗ GEH
4. ✓ TRV

Question ID : **264330150973**
Status : **Answered**
Chosen Option : **4**

Q.15 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

Z_WV USR_ _NML KI_G F_CB

Ans

1. ✗ YQOHD
2. ✓ XQPHD
3. ✗ XQOHD
4. ✗ YQPHD

Question ID : **264330146868**
Status : **Answered**
Chosen Option : **2**

Q.16 Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.

(The words must be considered as meaningful English words and must not be related to each other based on the number of letters/consonants/vowels in the word.)

Blood : Red

Ans

1. ✓ Stone : Hard
2. ✗ Dry : Wet
3. ✗ Music : Guitar
4. ✗ Finger : Toe

Question ID : **264330150983**
Status : **Answered**
Chosen Option : **1**

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Q.17 Which number from among the given options can replace the question mark (?) in the following series?

8, 11, 22, ?, 50, 53

Ans

✗ 1. 37

✗ 2. 42

✗ 3. 35

✓ 4. 25

Question ID : **264330146993**
Status : **Answered**
Chosen Option : **4**

Q.18 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:
Some apples are oranges.
All oranges are bananas.
All bananas are mangoes.
Conclusion (I): Some mangoes are oranges.
Conclusion (II): Some bananas are apples.

Ans

✗ 1. Only conclusion (I) is true.

✓ 2. Both conclusions (I) and (II) are true.

✗ 3. Neither conclusion (I) nor (II) is true.

✗ 4. Only conclusion (II) is true.

Question ID : **264330151004**
Status : **Answered**
Chosen Option : **2**

Q.19 The position of how many letters will remain unchanged if each of the letter in the word 'VAPORIZE' is arranged in alphabetical order?

Ans

✗ 1. Two

✗ 2. Three

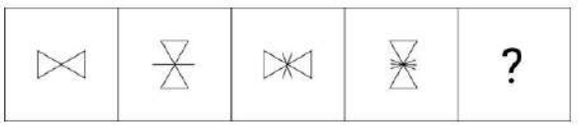
✗ 3. Four

✓ 4. One

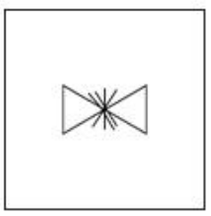
Question ID : **264330147081**
Status : **Answered**
Chosen Option : **4**

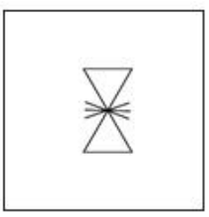
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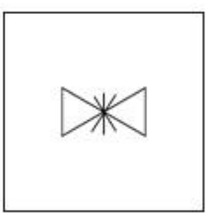
Q.20 Identify the figure given in the options which when put in place of the question mark (?) will logically complete the series.

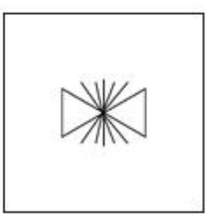


Ans

✔ 1. 

✘ 2. 

✘ 3. 

✘ 4. 

Question ID : **264330147225**
Status : **Answered**
Chosen Option : **1**

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 : 23

✘ 2. 4 : 19

✘ 3. 2 : 11

✔ 4. 7 : 32

Question ID : **264330147134**
Status : **Answered**
Chosen Option : **4**

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Q.22 Select the combination of letters that when sequentially placed in the blanks of the given series will make the series logically complete.

AEI_JL_QS_SS_ZXU

Ans

✗ 1. BLSN
✗ 2. SSUU
✗ 3. SDMA
✓ 4. ONSB

Question ID : **264330146744**
Status : **Answered**
Chosen Option : **4**

Q.23 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 M related to P if 'M + N ÷ O × P – Q'?

Ans

✓ 1. Wife's Father's Mother
✗ 2. Mother's husband
✗ 3. Brother's wife
✗ 4. Daughter

Question ID : **264330150111**
Status : **Answered**
Chosen Option : **1**

Q.24 Pointing towards a photo, Mahesh said, "She is the daughter of the only son of my grandfather." How is the girl in the photo related to Mahesh?

Ans

✓ 1. Sister
✗ 2. Daughter
✗ 3. Mother's sister
✗ 4. Mother

Question ID : **264330147507**
Status : **Answered**
Chosen Option : **1**

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

$26 \div 6 + 24 \times 3 - 6 = ?$

Ans
1. 124 ✗
2. 154 ✓
3. 134 ✗
4. 144 ✗

Question ID : **264330147378**
Status : **Answered**
Chosen Option : **2**

Section : **Quantitative Aptitude**

Q.1 Mohan purchased trousers for ₹765, after a discount of 15% was offered on its marked price. What is the marked price (in ₹) of the trousers?

Ans
1. 885 ✗
2. 855 ✗
3. 900 ✓
4. 870 ✗

Question ID : **264330147897**
Status : **Answered**
Chosen Option : **3**

Q.2 In April 2019, Dinesh purchased a new car for ₹7,00,000 and sold it in April 2022 at its depreciated cost. If the rate of depreciation in the first year is 20%, 15% in the second year and 10% every year thereafter, what amount of money will Dinesh get as the selling price?

Ans
1. ₹4,28,400 ✓
2. ₹4,28,600 ✗
3. ₹4,68,400 ✗
4. ₹5,28,400 ✗

Question ID : **264330147710**
Status : **Answered**
Chosen Option : **1**

Q.3 In a village election between three candidates, 80% of the voters cast their votes, out of which 3% votes were declared invalid. The winning candidate got 42,680 votes which were 55% of the total valid votes. Find the number of valid votes received by the candidate who stood third, given that he received only 10% of the total valid votes.

Ans
1. 7760 ✓
2. 7700 ✗
3. 7670 ✗
4. 7680 ✗

Question ID : **264330147662**
Status : **Answered**
Chosen Option : **2**

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Q.4 If $\sqrt{\frac{a}{b}} = \frac{8}{3} + \sqrt{\frac{b}{a}}$ and $(a + b) = 30$, then what is the value of ab?

Ans
1. 64 ✗
2. 28 ✗
3. 81 ✓
4. 36 ✗

Question ID : **264330148081**
Status : **Not Answered**
Chosen Option : **--**

Q.5 A train starts from a station P for another station Q at 6 p.m. at an average speed of 75 km per hour. Another train starts from station Q for station P at 8 p.m. at an average speed of 105 km per hour. If the distance between these two stations is 690 km, then at what time will the two trains meet?

Ans
1. 10:30 p.m. ✗
2. 10 p.m. ✗
3. 11 p.m. ✓
4. 11:30 p.m. ✗

Question ID : **264330147711**
Status : **Answered**
Chosen Option : **3**

Q.6 The data given in the following table shows the number of boys and girls enrolled for different games in an academy over 5 years.

	Basketball		Football		Cricket	
Years	Boys	Girls	Boys	Girls	Boys	Girls
2018	46	34	42	37	45	35
2019	40	41	44	34	42	32
2020	43	40	40	32	38	36
2021	37	44	43	25	34	28
2022	34	41	41	32	41	39

In which year did the academy have the highest enrolment?

Ans
1. 2019 ✗
2. 2022 ✗
3. 2020 ✗
4. 2018 ✓

Question ID : **264330147635**
Status : **Answered**
Chosen Option : **1**

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Q.7 The perimeter of a parallelogram is 48 cm. If the height of the parallelogram is 6 cm and the length of the adjacent side is 8 cm, find its area.

Ans

✗ 1. $90\ cm^2$

✗ 2. $80\ cm^2$

✗ 3. $84\ cm^2$

✓ 4. $96\ cm^2$

Question ID : **264330148095**
Status : **Answered**
Chosen Option : **4**

Q.8 Ali, Avtar Singh and Ashok working together can finish a work in 8 days. Ali alone can do it in 20 days and Avtar Singh alone can do it in 24 days. In how many days can Ashok alone do the same work?

Ans

✓ 1. 30

✗ 2. 28

✗ 3. 26

✗ 4. 25

Question ID : **264330147712**
Status : **Answered**
Chosen Option : **1**

Q.9 If $\frac{\cos\theta}{(1+\sin\theta)} + \frac{\cos\theta}{(1-\sin\theta)} = 4$ and θ is acute, then the value of θ is:

Ans

✓ 1. $60°$

✗ 2. $15°$

✗ 3. $45°$

✗ 4. $30°$

Question ID : **264330147844**
Status : **Answered**
Chosen Option : **1**

Q.10 Solve $\left(1+\frac{5}{6}+\frac{7}{8}+\frac{11}{12}\right) \div \left(\frac{3}{4}-\frac{5}{8}\right)$.

Ans

✓ 1. 29

✗ 2. 39

✗ 3. 19

✗ 4. 49

Question ID : **264330148225**
Status : **Answered**
Chosen Option : **1**

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Q.11 Catch Cola 300 ML with MRP ₹20 is displayed in a Hyper Market with an Offer 'BUY 2 GET 1 FREE'. With this offer, the Hyper Market is giving what per cent discount?

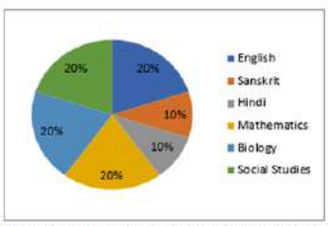
Ans

1. ✗ 50%
2. ✓ 33.33%
3. ✗ 20%
4. ✗ 40%

Question ID : **264330150654**
Status : **Answered**
Chosen Option : **2**

Q.12 Study the given pie-chart and answer the question that follows.

Percentage-wise distribution of teachers in six different subjects in a school is given in the pie-chart. The total number of teachers is 600. The ratio of male to female teachers is 3 : 1.



What is the total number of male teachers in the school?

Ans

1. ✗ 500
2. ✗ 420
3. ✓ 450
4. ✗ 400

Question ID : **264330148149**
Status : **Answered**
Chosen Option : **3**

Q.13 If $\sin\alpha + \cos\alpha = \frac{2}{\sqrt{3}}$, then what is $(\tan\alpha + \cot\alpha)$ equal to?

Ans

1. ✗ 1
2. ✗ 2
3. ✓ 6
4. ✗ 0

Question ID : **264330148062**
Status : **Answered**
Chosen Option : **3**

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Q.14 A circle of radius 5 cm and the length of tangent drawn from a point X outside the circle is 12 cm. The distance of the point x from the centre of the circle is:

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

Question ID : **264330148273**
Status : **Answered**
Chosen Option : **4**

Q.15 O is the centre of a circle and A is a point on a major arc BC of the circle. ∠ BOC and ∠ BAC are the angles made by the minor arc BC on the centre and circumference, respectively. If ∠ ABO = 40° and ∠ ACO = 30°, then find ∠ BOC.

Ans
✗ 1. 130°
✓ 2. 140°
✗ 3. 120°
✗ 4. 150°

Question ID : **264330146444**
Status : **Answered**
Chosen Option : **2**

Q.16 If a craftsman were to sell a table at ₹1,300, he would lose 35%. To gain 30%, he would sell it for:

Ans
✓ 1. ₹2,600
✗ 2. ₹2,500
✗ 3. ₹2,300
✗ 4. ₹2,400

Question ID : **264330148167**
Status : **Answered**
Chosen Option : **1**

Q.17 The simple interest on a certain sum for 3 years at 8% per annum is ₹ 9120 less than the simple interest on the same sum for 7 years at 8% per annum. Find the sum.

Ans
✓ 1. ₹ 28500
✗ 2. ₹ 28250
✗ 3. ₹ 28750
✗ 4. ₹ 28000

Question ID : **264330150825**
Status : **Answered**
Chosen Option : **1**

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Q.18 If $2x + 3y = 9$, and $xy = 3$, what is $8x^3 + 27y^3$?

Ans
1. ✗ 235
2. ✗ 244
3. ✓ 243
4. ✗ 234

Question ID : **264330147809**
Status : **Answered**
Chosen Option : **3**

Q.19 Find the value of $\cos 0° + \cos 30° - \tan 45° + \text{cosec } 60° + \cot 90°$.

Ans
1. ✗ $\frac{7}{6\sqrt{3}}$
2. ✗ $\frac{\sqrt{3}}{6}$
3. ✗ $\frac{7}{6}$
4. ✓ $\frac{7}{2\sqrt{3}}$

Question ID : **264330147770**
Status : **Answered**
Chosen Option : **4**

Q.20 In an isosceles triangle, if the unequal side is 8 cm and equal side is 5 cm, then the area of the triangle is:

Ans
1. ✓ 12 cm^2
2. ✗ 25 cm^2
3. ✗ 6 cm^2
4. ✗ 11 cm^2

Question ID : **264330147838**
Status : **Answered**
Chosen Option : **1**

Q.21 The average monthly salary of workers in a factory is ₹6,000. The average monthly salary of 100 technicians is ₹12,000, and the average monthly salary of non-technicians is ₹4,000. Find the total number of workers in the factory.

Ans
1. ✓ 400
2. ✗ 300
3. ✗ 250
4. ✗ 450

Question ID : **264330147742**
Status : **Not Answered**
Chosen Option : **--**

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Q.22 The data of production (in million) of three types of medicines by three different companies is given below.

Medicine → / Company ↓	P	Q	R
A	1.125	2.220	2.100
B	2.225	1.175	2.500
C	1.550	1.750	1.950

Which of the following gives the minimum production of a medicine by any company?

Ans

✔ 1. Medicine P, Company A

✘ 2. Medicine Q, Company C

✘ 3. Medicine P, Company C

✘ 4. Medicine Q, Company B

Question ID : **264330150605**
Status : **Answered**
Chosen Option : **1**

Q.23 Δ PQR and Δ SQR are both isosceles triangles on a common base QR such that P and S lie on the same side of QR. If ∠QSR = 60° and ∠QPR = 100°, then find ∠SRP.

Ans

✘ 1. 80°

✘ 2. 60°

✘ 3. 100°

✔ 4. 20°

Question ID : **264330149266**
Status : **Not Answered**
Chosen Option : **--**

Q.24 A sum of money is divided among A, B, C in the ratio 3 : 2 : 5, respectively. If the share of C is ₹300 more than B, then how much more money will A get than B?

Ans

✘ 1. ₹150

✘ 2. ₹75

✔ 3. ₹100

✘ 4. ₹125

Question ID : **264330151111**
Status : **Answered**
Chosen Option : **3**

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Q.25 Simplify the following expression.
$0.01 + 0.68 \times 0.68 + 0.22 \times 0.22 + 0.044 + 0.136 + 0.44 \times 0.68$

Ans
✗ 1. 0.69
✓ 2. 1
✗ 3. 0.8
✗ 4. 0.9

Question ID : **264330148159**
Status : **Answered**
Chosen Option : **1**

Section : **General Awareness**

Q.1 Who gave the concept of 'money illusion' for the first time?

Ans
✗ 1. Robertson
✗ 2. Adam Smith
✓ 3. Irving Fisher
✗ 4. JM Keynes

Question ID : **264330151267**
Status : **Not Answered**
Chosen Option : **--**

Q.2 Which Spanish football team play their home games at the Bernabeu?

Ans
✓ 1. Real Madrid
✗ 2. Elche
✗ 3. Barcelona
✗ 4. Athletic Madrid

Question ID : **264330145891**
Status : **Not Answered**
Chosen Option : **--**

Q.3 What is the rationale behind why one is ready to hold a ten rupee coin?

Ans
✗ 1. It is finely and artistically minted.
✗ 2. It can be melted to extract metal worth ₹10 out of it.
✓ 3. Its value is backed by the issuing authority.
✗ 4. Its intrinsic value is greater than ₹10.

Question ID : **264330144686**
Status : **Not Answered**
Chosen Option : **--**

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Q.4 Which of the following cities was built by Humayun at Delhi?

Ans
1. Akbarabad ✗
2. Dinpanah ✓
3. Muhammadabad ✗
4. Siri ✗

Question ID : **264330148571**
Status : **Answered**
Chosen Option : **2**

Q.5 According to Census of India 2011, which state in India has the highest female literacy rate?

Ans
1. Himachal Pradesh ✗
2. Kerala ✓
3. Tamil Nadu ✗
4. Maharashtra ✗

Question ID : **264330150281**
Status : **Answered**
Chosen Option : **2**

Q.6 2nd October is observed as _____.

Ans
1. International Non-Violence Day ✓
2. World Social Justice Day ✗
3. World Wildlife Day ✗
4. International Education Day ✗

Question ID : **264330151205**
Status : **Answered**
Chosen Option : **1**

Q.7 The Political Part of the Indian Constitution has been largely drawn from which Constitution?

Ans
1. British Constitution ✓
2. Irish Constitution ✗
3. Australian constitution ✗
4. US Constitution ✗

Question ID : **264330146542**
Status : **Answered**
Chosen Option : **1**

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Q.8 The government of india launched a new programme called the New India Literacy Programme (NILP) for five years, from FYs _____ to _____ with a budget of ₹1,037.90 crores.

Ans

✗ 1. 2023-24 to 2026-27

✓ 2. 2022-23 to 2026-27

✗ 3. 2022-23 to 2024-25

✗ 4. 2021-22 to 2025-26

Question ID : **264330146247**
Status : **Not Answered**
Chosen Option : **--**

Q.9 Which of these is true about the second phase of the green revolution?

Ans

✓ 1. It covered the period of the 1980s.

✗ 2. It was introduced in areas with irrigation facilities.

✗ 3. It covered the period of the 1960s and 1970s.

✗ 4. It was introduced in Punjab and Uttar Pradesh regions.

Question ID : **264330144733**
Status : **Not Answered**
Chosen Option : **--**

Q.10 What is the name of the chemical compound having the molecular formula C_3H_4O which is mostly used for the production of acrylic acid and acrylate ester?

Ans

✗ 1. Naphthaldehyde

✗ 2. Vanillin

✓ 3. Acrolein

✗ 4. Muscone

Question ID : **264330145582**
Status : **Not Answered**
Chosen Option : **--**

Q.11 The Monetary Policy Committee maintained a hawkish stand on the interest rates. In this context, 'hawkish' stand means _____.

Ans

✗ 1. interest rates were decreased

✓ 2. interest rates were increased

✗ 3. interest rates were kept unchanged

✗ 4. money supply was increased

Question ID : **264330145708**
Status : **Not Answered**
Chosen Option : **--**

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Q.12 Gurunaidu Sanapathi, who became India's first weightlifter to win a gold medal at the IWF in 2022, is from which state?

Ans

✗ 1. Kerala

✗ 2. Tamil Nadu

✓ 3. Andhra Pradesh

✗ 4. Odisha

Question ID : **264330150087**
Status : **Marked For Review**
Chosen Option : **2**

Q.13 Which are the four quantum numbers for an electron present in 4f orbital?

Ans

✓ 1. n = 4, l = 3, m = +1, s = +½

✗ 2. n = 3, l = 2, m = –2, s = +½

✗ 3. n = 4, l = 4, m = –4, s = –½

✗ 4. n = 4, l = 3, m = +4, s = +½

Question ID : **264330145824**
Status : **Not Answered**
Chosen Option : **--**

Q.14 Which institution had launched the project E-Shakti for the digitisation of all members of self-help groups in India?

Ans

✗ 1. SIDBI

✗ 2. SEBI

✗ 3. IFCI

✓ 4. NABARD

Question ID : **264330145695**
Status : **Not Answered**
Chosen Option : **--**

Q.15 What is the product of the reaction when anhydrite undergoes hydration?

Ans

✗ 1. Limonite

✗ 2. Magnesite

✗ 3. Kaolin

✓ 4. Gypsum

Question ID : **264330144486**
Status : **Not Answered**
Chosen Option : **--**

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Q.16 Which of the following diseases is transmitted by the bite of an infected female phlebotomine sandfly, characterised by irregular fever, weight loss and enlargement of the spleen and liver?

Ans

1. ✗ Japanese encephalitis
2. ✓ Visceral leishmaniasis
3. ✗ Diarrhoea
4. ✗ Anaplasmosis

Question ID : **264330150724**
Status : **Answered**
Chosen Option : **2**

Q.17 The name of the Brahmin priest who later came to be known as Ramakrishna Paramahansa is:

Ans

1. ✓ Gadadhar Chattopadhyaya
2. ✗ Dayanand Saraswati
3. ✗ Shree Narayana Guru
4. ✗ Narendra Nath Datta

Question ID : **264330150397**
Status : **Answered**
Chosen Option : **4**

Q.18 Ravi Shankar is famous for which of the following musical instruments?

Ans

1. ✗ Veena
2. ✓ Sitar
3. ✗ Algoza
4. ✗ Flute

Question ID : **264330148681**
Status : **Answered**
Chosen Option : **2**

Q.19 Chali, Jhumura and Nadu Bhangi are associated with which Indian classical dance form?

Ans

1. ✗ Kathakali
2. ✓ Sattriya
3. ✗ Manipuri
4. ✗ Kuchipudi

Question ID : **264330151317**
Status : **Answered**
Chosen Option : **2**

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Q.20 In which year was the Indian National Congress established?

Ans
1. 1891 ✗
2. 1885 ✓
3. 1876 ✗
4. 1882 ✗

Question ID : **264330150226**
Status : **Answered**
Chosen Option : **2**

Q.21 India topped the medal tally in 2023 Taoyuan Archery Asia Cup Stage-1 world ranking tournament, with _____medals.

Ans
1. 9 ✗
2. 7 ✗
3. 8 ✗
4. 10 ✓

Question ID : **264330154805**
Status : **Not Answered**
Chosen Option : **--**

Q.22 Sutapa Talukdar is associated with which Indian Classical dance form?

Ans
1. Kuchipudi ✗
2. Odissi ✓
3. Bharatanatyam ✗
4. Mohiniyattam ✗

Question ID : **264330145771**
Status : **Not Answered**
Chosen Option : **--**

Q.23 According to the Indian Minerals Yearbook 2020, which state has the highest production of manganese in India?

Ans
1. Karnataka ✗
2. Madhya Pradesh ✓
3. Odisha ✗
4. Maharashtra ✗

Question ID : **264330150251**
Status : **Answered**
Chosen Option : **2**

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Q.24 Article 22 of the Indian Constitution is related to which of the following?

Ans

✗ 1. Right to education

✗ 2. Protection of personal liberty

✓ 3. Preventive detention

✗ 4. Protection of life

Question ID : **264330145934**
Status : **Answered**
Chosen Option : **3**

Q.25 Which of the following industries is its own major consumer in India?

Ans

✗ 1. Iron and steel

✗ 2. Aviation

✗ 3. Automobile

✓ 4. Chemical

Question ID : **264330150242**
Status : **Answered**
Chosen Option : **1**

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