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SSC CHSL TIER – I – Shift - 1 - 21-03-2023

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Combined Higher Secondary Level Examination Tier I 2022

Roll Number	
Candidate Name	
Venue Name	
Exam Date	21/03/2023
Exam Time	9:00 AM - 10:00 AM
Subject	CHSL Exam 2022 Tier I

Section : **English Language**

Q.1 **Select the most appropriate meaning of the given idiom.**
Be my guest

Ans
✔ 1. Please do it
✘ 2. Stop, don't go ahead
✘ 3. Be with me
✘ 4. Come with me

Question ID : **264330124696**
Status : **Marked For Review**
Chosen Option : **4**

Q.2 **Identify the segment in the sentence which contains a grammatical error. If there is no error, then select the option "No error".**
And, indeed, there was/ hardly picture in Rome I was unable/ to reattribute to its rightful owner.

Ans
✘ 1. to reattribute to its rightful owner.
✘ 2. No error
✘ 3. And, indeed, there was
✔ 4. hardly picture in Rome I was unable

Question ID : **264330124682**
Status : **Answered**
Chosen Option : **4**

Q.3 **Choose the option that is the correct indirect form of the sentence.**
She said, "I will be available tomorrow."

Ans
✘ 1. She said that she would be available tomorrow.
✔ 2. She said that she would be available the next day.
✘ 3. She said that she must be available the next day.
✘ 4. She said that she will be available the next day.

Question ID : **264330125838**
Status : **Answered**
Chosen Option : **2**

Q.4 **Choose the word that can substitute the given group of words.**
Belonging to the same kind

Ans
✘ 1. Sebaceous
✘ 2. Heterogeneous
✔ 3. Homogeneous
✘ 4. Casserole

Question ID : **264330124179**
Status : **Answered**
Chosen Option : **3**

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Q.5 Select the word that is closest in meaning (SYNONYM) to the word given below.
BOGUS

Ans
✗ 1. HUMANE
✗ 2. STRONG
✓ 3. FALSE
✗ 4. CRITICIZE

Question ID : **264330125859**
Status : **Answered**
Chosen Option : **3**

Q.6 Choose the correctly spelt word.

Ans
✗ 1. HEIRARCHY
✗ 2. APPAULLING
✗ 3. PESTILLENTIAL
✓ 4. MALODOROUS

Question ID : **264330125856**
Status : **Answered**
Chosen Option : **2**

Q.7 Select the most appropriate one-word substitution for the given group of words.
A person who is experiencing dementia brought about by old age

Ans
✓ 1. Senile
✗ 2. Sentinel
✗ 3. Primal
✗ 4. Primitive

Question ID : **264330124778**
Status : **Answered**
Chosen Option : **1**

Q.8 Select the word that is opposite in meaning (ANTONYM) to the word given below
Polarize

Ans
✗ 1. Combine
✗ 2. Orchestrate
✗ 3. Conjoin
✓ 4. Segregate

Question ID : **264330125930**
Status : **Answered**
Chosen Option : **4**

Q.9 Choose the incorrectly spelt word.

Ans
✗ 1. SUPPORT
✗ 2. TUNNEL
✗ 3. RAPPORT
✓ 4. TREBBLE

Question ID : **264330125855**
Status : **Answered**
Chosen Option : **4**

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Q.10 Select the most appropriate one-word substitution for the given group of words.
Dependent on chance or uncertainty

Ans
✔ 1. Precarious
✘ 2. Paradox
✘ 3. Presume
✘ 4. Presumptuous

Question ID : **264330124751**
Status : **Answered**
Chosen Option : **4**

Q.11 Rearrange the parts of the sentence in correct order.
Our study goes
P. beyond LDL cholesterol levels to get
Q. and the impact of eating walnuts daily
R. a complete picture of all of the lipoproteins
S. on their potential to improve cardiovascular risk

Ans
✘ 1. SRPQ
✘ 2. PQSR
✔ 3. PRQS
✘ 4. SPQR

Question ID : **264330124429**
Status : **Answered**
Chosen Option : **4**

Q.12 Select the most appropriate meaning of the given idiom.
Buy a lemon

Ans
✔ 1. To buy something that is of much less value.
✘ 2. To lose foundation
✘ 3. To work through the day and shop in the evening
✘ 4. To give importance to little things

Question ID : **264330125853**
Status : **Answered**
Chosen Option : **1**

Q.13 Select the option that will improve the bracketed part of the sentence. In case no improvement is needed, select 'No improvement'.
He spent many an hours playing the chess across the city.

Ans
✘ 1. No improvement
✘ 2. He have spent many an hours playing the chess across the
✘ 3. He had spent many an hours playing the chess across the
✔ 4. He spent many an hour playing the chess across the

Question ID : **264330125797**
Status : **Answered**
Chosen Option : **4**

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Q.14 **Choose the word that is opposite in meaning to the given word.**
Desiccate

Ans
✗ 1. Honour
✗ 2. Ascend
✓ 3. Hydrate
✗ 4. Venerate

Question ID : **264330124460**
Status : **Answered**
Chosen Option : **1**

Q.15 **Parts of the following sentence are given as options. Identify the part that contains a grammatical error. If there is no error, select 'No error'.**
Such was the education / of the Spartans with regard to / one of the greatest of there kings.

Ans
✗ 1. No error
✓ 2. one of the greatest of there kings.
✗ 3. Such was the education
✗ 4. of the Spartans with regard to

Question ID : **264330125839**
Status : **Answered**
Chosen Option : **2**

Q.16 **Choose the word that is opposite in meaning to the given word.**
Sane

Ans
✓ 1. Paranoid
✗ 2. Reposeful
✗ 3. Stoical
✗ 4. Halcyon

Question ID : **264330124225**
Status : **Answered**
Chosen Option : **3**

Q.17 **Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.**
His shoes were <u>soaked from walk</u> through the dew.

Ans
✓ 1. soaked from walking
✗ 2. soak from walking
✗ 3. No improvement
✗ 4. soaks from walk

Question ID : **264330124327**
Status : **Answered**
Chosen Option : **1**

Q.18 **Choose the option that is the correct passive form of the sentence.**
We had eaten the cake.

Ans
✓ 1. The cake had been eaten by us.
✗ 2. The cake will be eaten by us.
✗ 3. The cake is eaten by us.
✗ 4. The cake was eaten by us.

Question ID : **264330124679**
Status : **Answered**
Chosen Option : **1**

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Q.19 **Some parts of a few sentences have been jumbled up, and labelled A, B, C and D. Select the option that gives the correct sequence in which these parts can be rearranged to form a meaningful and grammatically correct sentence.**
I didn't speak to the sage again for many years,
A. seer, born on a dark island of a union between an ascetic and a fisher princess
B. because of the many hefty books, he'd written. Vyasa the
C. though I heard of him from time to time. I learned
D. his name: Vyasa the Compendious,

Ans
✗ 1. ABCD
✗ 2. DCAB
✓ 3. CDBA
✗ 4. BADC

Question ID : **264330125848**
Status : **Answered**
Chosen Option : **1**

Q.20 **Choose the word that can substitute the given group of words.**
A leader who sways his followers by his oratory

Ans
✗ 1. Fugitive
✗ 2. Narcissist
✗ 3. Impostor
✓ 4. Demagogue

Question ID : **264330124310**
Status : **Answered**
Chosen Option : **3**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.
I would uncover the story that lay (1) _____ between the lines of the men's exploits. Better still, I (2) _____ one of them tell it herself, with all her joys and doubts, her struggles and her triumphs, her heartbreaks, her achievements, the unique female way (3) _____ which she sees her world and her place in it. And who could be (4) _____ for this than Panchaali? It is her life, her voice, her questions, and her vision that I invite you (5) _____ 'The Palace of Illusions'.

SubQuestion No : 21

Q.21 **Select the most appropriate option to fill in the blank No. 1.**

Ans
✗ 1. visible
✗ 2. detectable
✗ 3. obvious
✓ 4. invisible

Question ID : **264330125842**
Status : **Answered**
Chosen Option : **3**

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Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.
I would uncover the story that lay (1) _____ between the lines of the men's exploits. Better still, I (2) _____ one of them tell it herself, with all her joys and doubts, her struggles and her triumphs, her heartbreaks, her achievements, the unique female way (3) _____ which she sees her world and her place in it. And who could be (4) _____ for this than Panchaali? It is her life, her voice, her questions, and her vision that I invite you (5) _____ 'The Palace of Illusions'.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in the blank No. 2.

Ans
✔ 1. would have
✘ 2. could
✘ 3. will
✘ 4. will have

Question ID : **264330125843**
Status : **Answered**
Chosen Option : **2**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.
I would uncover the story that lay (1) _____ between the lines of the men's exploits. Better still, I (2) _____ one of them tell it herself, with all her joys and doubts, her struggles and her triumphs, her heartbreaks, her achievements, the unique female way (3) _____ which she sees her world and her place in it. And who could be (4) _____ for this than Panchaali? It is her life, her voice, her questions, and her vision that I invite you (5) _____ 'The Palace of Illusions'.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in the blank No. 3.

Ans
✘ 1. though
✘ 2. through
✘ 3. by
✔ 4. in

Question ID : **264330125844**
Status : **Answered**
Chosen Option : **2**

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.
I would uncover the story that lay (1) _____ between the lines of the men's exploits. Better still, I (2) _____ one of them tell it herself, with all her joys and doubts, her struggles and her triumphs, her heartbreaks, her achievements, the unique female way (3) _____ which she sees her world and her place in it. And who could be (4) _____ for this than Panchaali? It is her life, her voice, her questions, and her vision that I invite you (5) _____ 'The Palace of Illusions'.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in the blank No. 4.

Ans
✔ 1. better suited
✘ 2. better performed
✘ 3. better meant
✘ 4. best matched

Question ID : **264330125845**
Status : **Answered**
Chosen Option : **1**

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Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.
I would uncover the story that lay (1) _____ between the lines of the men's exploits. Better still, I (2) _____ one of them tell it herself, with all her joys and doubts, her struggles and her triumphs, her heartbreaks, her achievements, the unique female way (3) _____ which she sees her world and her place in it. And who could be (4) _____ for this than Panchaali? It is her life, her voice, her questions, and her vision that I invite you (5) _____ 'The Palace of Illusions'.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in the blank No. 5.

Ans

✔ 1. into

✘ 2. of

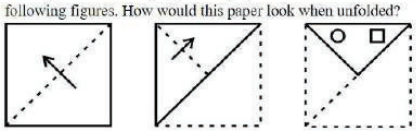
✘ 3. upon

✘ 4. on to

Question ID : **264330125846**
Status : **Answered**
Chosen Option : **4**

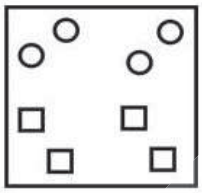
Section : **General Intelligence**

Q.1 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?

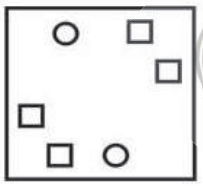


Ans

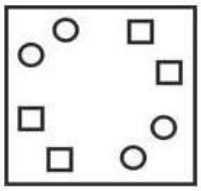
✘ 1.



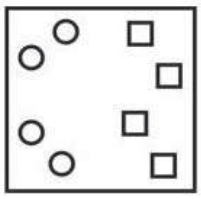
✘ 2.



✔ 3.



✘ 4.



Question ID : **264330127611**
Status : **Answered**
Chosen Option : **3**

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Q.2 **Words given on the left side of (::) are related with each other by some Logic/Rule /Relation. Select the missing word/word pair on the right side of (::) from the given alternatives based on the same Logic/Rule/Relation.**
Fan : Blade :: Car : ?

Ans
✗ 1. Road
✓ 2. Steering
✗ 3. Vehicle
✗ 4. Four

Question ID : **264330127025**
Status : **Answered**
Chosen Option : **2**

Q.3 **Select the option in which the numbers shares the same relationship in set as that shared by the numbers in the given set. (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)**
(7, 41, 211)
(12, 66, 336)

Ans
✗ 1. (10, 45, 205)
✗ 2. (9, 51, 255)
✗ 3. (14, 76, 385)
✓ 4. (11, 61, 311)

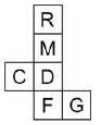
Question ID : **264330127543**
Status : **Answered**
Chosen Option : **4**

Q.4 **If 'P' means '÷', 'Q' means '+', 'R' means '–' and 'S' means '×', then what will come in place of '?' in the given expression?**
34 P 17 S 9 ? 13 R 11 S 3 R 4 = –6

Ans
✗ 1. P
✓ 2. Q
✗ 3. R
✗ 4. S

Question ID : **264330127314**
Status : **Answered**
Chosen Option : **2**

Q.5 A cube is made by folding the given sheet. In the cube so formed, which letter will be on the face opposite to the face showing 'F'?



Ans
✗ 1. G
✗ 2. C
✓ 3. M
✗ 4. R

Question ID : **264330127257**
Status : **Answered**
Chosen Option : **3**

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Q.6 **In the following question, select the odd word pair from the given alternatives.**

Ans

✗ 1. 6 – Hexagon

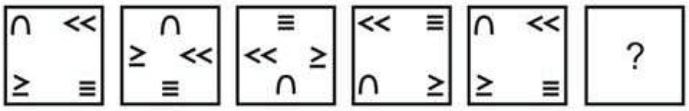
✓ 2. 5 – Rectangle

✗ 3. 3 – Triangle

✗ 4. 4 – Square

Question ID : **264330127355**
Status : **Answered**
Chosen Option : **2**

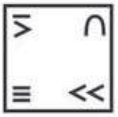
Q.7 Select the figure that will come next in the following figure series.

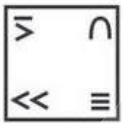


Ans

✓ 1.

✗ 2.

✗ 3. 

✗ 4. 

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Question ID : **264330127558**
Status : **Answered**
Chosen Option : **1**

Q.8 **In a certain code language, 'DEER' is written as 'EGHV' and 'ROOM' is written as 'SQRQ'. How will 'SOAP' be written in that language?**

Ans

✗ 1. TQCT

✗ 2. TQET

✓ 3. TQDT

✗ 4. TQDS

Question ID : **264330127547**
Status : **Answered**
Chosen Option : **3**

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Q.9 **Anjali is the sister of Mukesh. Nikhil has two children and is the son-in-law of Archana. Anjali is the maternal granddaughter of Archana. Archana has only one child. How is Nikhil's wife related to Archana?**

Ans

✔ 1. Daughter

✘ 2. Sister

✘ 3. Mother

✘ 4. Granddaughter

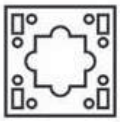
Question ID : **264330127552**
Status : **Answered**
Chosen Option : **1**

Q.10 A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened?

Ans

✔ 1.

✘ 2.

✘ 3. 

✘ 4.

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Question ID : **264330126911**
Status : **Answered**
Chosen Option : **1**

Q.11 **In the following question, select the missing number from the given series.**
532, 667, 802, 937, ?

Ans

✘ 1. 1092

✘ 2. 1094

✔ 3. 1072

✘ 4. 1172

Question ID : **264330127319**
Status : **Answered**
Chosen Option : **3**

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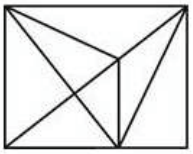
Q.12 How many triangles are there in the given figure?



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

Question ID : **264330126909**
Status : **Answered**
Chosen Option : **4**

Q.13 **Which one set of letters when sequentially placed in the gaps in the given letter series shall complete it?**
t _ n s _ r t h _ s o _ t h _ s _ r

Ans
1. nonrho
2. honrno
3. hornnr
4. hoonor

Question ID : **264330127551**
Status : **Answered**
Chosen Option : **2**

Q.14 **'Bangladesh' is related to 'Taka' in the same way as 'Kuwait' is related to '_____'.**

Ans
1. Euro
2. Sol
3. Dollar
4. Dinar

Question ID : **264330127625**
Status : **Answered**
Chosen Option : **4**

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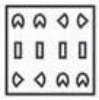
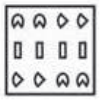
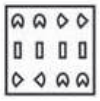
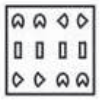
Q.15 A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened?

Ans

✔ 1. 

✘ 2. 

✘ 3. 

✘ 4. 

Question ID : **264330127161**
Status : **Answered**
Chosen Option : **1**

Q.16 **In the question two statements are given, followed by two conclusions, I and II. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.**

Statements:
I. All blankets are bedsheet.
II. No bedsheet is a curtain.

Conclusions:
I. Some bedsheet are blanket.
II. No curtain is a blanket.

Ans

✔ 1. Both conclusion I and II follow.

✘ 2. Only conclusion I follows.

✘ 3. Neither conclusion I nor II follow.

✘ 4. Only conclusion II follows.

Question ID : **264330127556**
Status : **Answered**
Chosen Option : **1**

Q.17 **By interchanging which two signs the given equation will be correct?**
46 + 28 × 2 –7 ÷ 13 = 41

Ans

✘ 1. × and +

✔ 2. ÷ and –

✘ 3. + and ÷

✘ 4. ÷ and ×

Question ID : **264330126375**
Status : **Answered**
Chosen Option : **2**

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Q.18 Select the option that is related to the fourth number in the same way as the first number is related to the second number and fifth number is related to sixth number.
54 : 162 :: ? : 216 :: 38 : 114

Ans
1. 68 ✗
2. 94 ✗
3. 72 ✓
4. 74 ✗

Question ID : **264330126891**
Status : **Answered**
Chosen Option : **3**

Q.19 In a certain code language, 'PAIN' is written as '20' and 'HER' is written as '11'. How will 'TIER' be written in that code language?

Ans
1. 34 ✗
2. 42 ✗
3. 32 ✓
4. 52 ✗

Question ID : **264330127548**
Status : **Answered**
Chosen Option : **3**

Q.20 Three of the following four letter clusters are alike in a certain way and one is different. Pick the cluster that is different from the rest.

Ans
1. NOS ✗
2. GHM ✓
3. BCG ✗
4. JKO ✗

Question ID : **264330127554**
Status : **Answered**
Chosen Option : **2**

Q.21 Select the correct option that indicates the arrangement of the given words in a logical and meaningful order.
1. Eyes
2. Lips
3. Stomach
4. Neck
5. Legs

Ans
1. 3,2,4,1,5 ✗
2. 1,2,4,3,5 ✓
3. 3,2,1,4,5 ✗
4. 1,2,3,4,5 ✗

Question ID : **264330127346**
Status : **Answered**
Chosen Option : **2**

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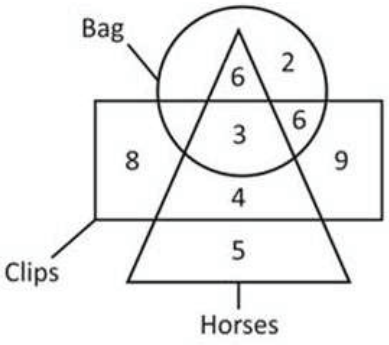
Q.22 **In the following question, select the related letters from the given alternatives.**
SH : IT :: LM : ?

Ans
✗ 1. XU
✗ 2. PV
✓ 3. NM
✗ 4. XB

Question ID : **264330127324**
Status : **Answered**
Chosen Option : **3**

Q.23 How many horses are neither clips nor bags?



Ans
✗ 1. 9
✗ 2. 7
✓ 3. 5
✗ 4. 4

Question ID : **264330126913**
Status : **Answered**
Chosen Option : **3**

Q.24 **Select the option in which the numbers shares the same relationship in set as that shared by the numbers in the given set. (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)**
(141, 13, 128)
(238, 164, 402)

Ans
✗ 1. (64, 42, 32)
✗ 2. (51, 32, 85)
✓ 3. (48, 31, 79)
✗ 4. (39, 33, 62)

Question ID : **264330127017**
Status : **Answered**
Chosen Option : **3**

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Q.25 **Select the option in which the numbers shares the same relationship in set as that shared by the numbers in the given set. (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)**
(80, 72, 64)
(64, 56, 48)

Ans
✗ 1. (100, 90, 75)
✗ 2. (42, 35, 24)
✗ 3. (81, 72, 64)
✓ 4. (63, 56, 49)

Question ID : **264330127617**
Status : **Answered**
Chosen Option : **4**

Section : **Quantitative Aptitude**

Q.1 If $\sin\theta + \cos\theta = \sqrt{2}$, then find the value of $\text{cosec}\,\theta + \cot\theta$.

Ans
✗ 1. $\sqrt{2} - 1$
✗ 2. $\sqrt{2} + 5$
✗ 3. $\sqrt{3} - 1$
✓ 4. $\sqrt{2} + 1$

Question ID : **264330128558**
Status : **Answered**
Chosen Option : **4**

Q.2 In triangle ABC, AB = 20 cm, BC = 16 cm and AC = 12 cm and the radius of circle inscribed in it is 4 cm. Find the area of triangle ABC.

Ans
✗ 1. 48 cm^2
✗ 2. 72 cm^2
✓ 3. 96 cm^2
✗ 4. 120 cm^2

Question ID : **264330128549**
Status : **Answered**
Chosen Option : **3**

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Q.3 What is the value of $\frac{9x^2 + 12xy + 4y^2}{36}$?

Ans
1. $\left(\frac{x}{3} + \frac{y}{2}\right)^2$
2. $\left(\frac{x}{2} - \frac{y}{3}\right)^2$
3. $\left(\frac{x}{2} + \frac{y}{3}\right)^2$
4. $\left(\frac{x}{4} + \frac{y}{3}\right)^2$

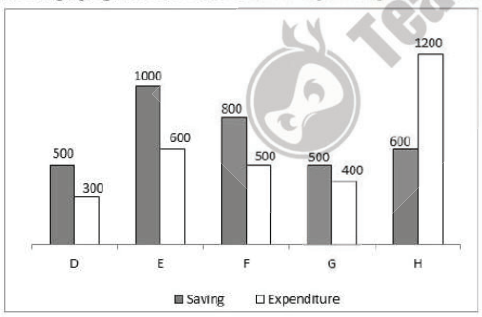
Question ID : **264330128328**
Status : **Answered**
Chosen Option : **3**

Q.4 The marked price of a chair is 30 percent more than its cost price. If the chair is sold for Rs. 200 after a discount of Rs. 40, then what will be the profit percentage?

Ans
1. 8.34 percent
2. 7.28 percent
3. 9.66 percent
4. 8.13 percent

Question ID : **264330127893**
Status : **Answered**
Chosen Option : **1**

Q.5 The bar graph given below shows the saving and expenditure of 5 companies D, E, F, G and H.



Income = Expenditure + Savings

The total income of all the companies is what percent of the total expenditures?

Ans
1. 213.33 percent
2. 166.73 percent
3. 233.33 percent
4. 199.66 percent

Question ID : **264330128310**
Status : **Answered**
Chosen Option : **1**

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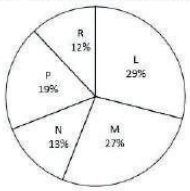
Q.6 The pie chart given below show the runs scored by 5 batsmen in a cricket match. Total runs scored by these five batsmen are 700. Runs scored by a batsman is shown as a percentage of runs scored by all these five batsmen.



What are total runs scored by L, N and R?

Ans
1. ✗ 328
2. ✗ 297
3. ✗ 284
4. ✓ 378

Question ID : **264330128363**
Status : **Answered**
Chosen Option : **4**

Q.7 The value of $25 \div 10 - \left(\frac{7}{4} \times \frac{1}{3}\right)$ of $\frac{6}{5} + \frac{14}{3} \times \frac{9}{10} + \left(\frac{1}{5} \div \frac{1}{25}\right)$ is:

Ans
1. ✗ 9
2. ✗ 15
3. ✓ 11
4. ✗ 7

Question ID : **264330128556**
Status : **Answered**
Chosen Option : **3**

Q.8 In triangle XYZ, $\angle Y$ is the smallest angle and $\angle Y = 25$ degree. If the ratio of the angle is 20 : 11 : 5, then what is the largest angle of ΔXYZ?

Ans
1. ✗ 80 degree
2. ✗ 85 degree
3. ✗ 95 degree
4. ✓ 100 degree

Question ID : **264330128000**
Status : **Answered**
Chosen Option : **4**

Q.9 Two medians QT and RS of the triangle PQR intersect at G at right angles. If QT = 18 cm and RS = 27 cm, then the length of QS is:

Ans
1. ✗ 20 cm
2. ✓ 15 cm
3. ✗ 13 cm
4. ✗ 10 cm

Question ID : **264330128551**
Status : **Answered**
Chosen Option : **2**

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Q.10 If cot (P + Q) = 0 and tan (P – Q) = 1/√3, then what is the value of ∠P and ∠Q? (0 degree < P, Q ≤ 90 degree)

Ans

✗ 1. 25 degree, 65 degree

✗ 2. 45 degree, 45 degree

✓ 3. 60 degree, 30 degree

✗ 4. 15 degree, 75 degree

Question ID : **264330128009**
Status : **Answered**
Chosen Option : **3**

Q.11 Tilak's salary increases by 15% in the first year, decreases by 20% in the second year and increases by 25% in the third year. If Tilak's salary after these three years is Rs.23,000, then find the salary of Tilak in the beginning of these 3 years.

Ans

✓ 1. Rs.20,000

✗ 2. Rs.18,000

✗ 3. Rs.15,000

✗ 4. Rs.25,000

Question ID : **264330128544**
Status : **Answered**
Chosen Option : **1**

Q.12 What is the value of $\frac{1-\tan^2 45^o}{1+\cos^2 90^o}$?

Ans

✓ 1. 0

✗ 2. 2

✗ 3. 1

✗ 4. 0.5

Question ID : **264330128184**
Status : **Answered**
Chosen Option : **1**

Q.13 Nikhil and Neha invested capital in the ratio 5 : 4. The time Neha invested her money for was one year more than that invested by Nikhil. The ratio of their profits is in the ratio 6 : 5. Find the time Neha invested the money for.

Ans

✗ 1. 26 years

✗ 2. 23 years

✗ 3. 24 years

✓ 4. 25 years

Question ID : **264330128546**
Status : **Answered**
Chosen Option : **4**

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Q.14 Find the value of $(p + 2q)^2 - (p - 2q)^2$.

Ans
1. 10pq ✗
2. 8pq ✓
3. 4pq ✗
4. 6pq ✗

Question ID : **264330128552**
Status : **Answered**
Chosen Option : **2**

Q.15 If 60 percent of total articles are sold at a loss of 20 percent and remaining articles are sold at a profit of 5 percent, then what will be the overall loss percentage?

Ans
1. 10 percent ✓
2. 8 percent ✗
3. 14 percent ✗
4. 5 percent ✗

Question ID : **264330127895**
Status : **Answered**
Chosen Option : **1**

Q.16 What is the value of 224 of $4 \div 7 - 250 \times 3$?

Ans
1. –524 ✗
2. –486 ✗
3. –588 ✗
4. –622 ✓

Question ID : **264330126493**
Status : **Answered**
Chosen Option : **4**

Q.17 A trapezium plate having two parallel sides of length 15 cm and 9 cm, and distance between them is 6 cm. Copper plating is to be done on the plate at a rate of Rs.3 per square cm. What will be the total cost of copper plating on the upper side of the plate ?

Ans
1. Rs.432 ✗
2. Rs.216 ✓
3. Rs.72 ✗
4. Rs.108 ✗

Question ID : **264330128541**
Status : **Answered**
Chosen Option : **2**

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Q.18 Farhan and Aman are going from Delhi to Haryana. The difference and sum of their speeds are 40 km/hour and 60 km/hour respectively. If in a race Farhan can finish 8 minutes earlier than Aman, then find the distance they both should cover.

Ans

✔ 1. 5/3 km

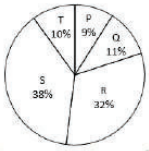
✗ 2. 8/3 km

✗ 3. 3/5 km

✗ 4. 3/8 km

Question ID : **264330128540**
Status : **Answered**
Chosen Option : **1**

Q.19 The pie chart given below show the runs scored by 5 batsmen in a cricket match. Total runs scored by these batsmen are 500. Runs scored by a batsman is shown as a percentage of runs scored by all these five batsmen.



How many runs are scored by the batsman R?

Ans

✗ 1. 120

✔ 2. 160

✗ 3. 200

✗ 4. 90

Question ID : **264330127912**
Status : **Answered**
Chosen Option : **2**

Q.20 A can complete 3/8 part of a work in 36 days. B can complete 1/2 part of the same work in 27 days. Which of the following statement(s) is/are correct?
I. A is less efficient than B.
II. A and B working together can complete 11/15 part of the same work in 36 days.

Ans

✗ 1. Neither I nor II

✔ 2. Only I

✗ 3. Only II

✗ 4. Both I and II

Question ID : **264330128339**
Status : **Answered**
Chosen Option : **2**

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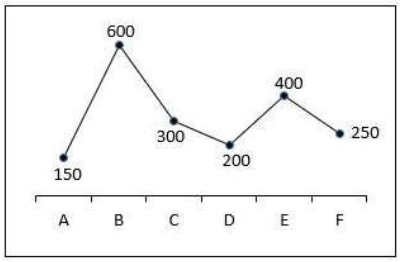
Q.21 The line chart given below shows the salary of 6 employees of a company.



What is the average of salary of employees C, D and E?

Ans
1. ✗ 150
2. ✓ 300
3. ✗ 100
4. ✗ 200

Question ID : **264330128035**
Status : **Answered**
Chosen Option : **2**

Q.22 If $x + y + z = 0$, then what is the value of $\frac{x}{(yz)^2} + \frac{y}{(xz)^2} + \frac{z}{(xy)^2}$?

Ans
1. ✗ $\frac{xyz}{3}$
2. ✓ $\frac{3}{xyz}$
3. ✗ xyz
4. ✗ $\frac{1}{xyz}$

Question ID : **264330127904**
Status : **Answered**
Chosen Option : **2**

Q.23 A sum of money becomes three times of itself at the rate of 10 percent per annum on simple interest. Which of the following statement(s) is/are correct?
I. It will become 5 times of itself at the rate of 20 percent per annum on simple interest in the same time period.
II. It will become 7 times of itself at the rate of 30 percent per annum on simple interest in the same time period.

Ans
1. ✗ Only II
2. ✗ Neither I nor II
3. ✗ Only I
4. ✓ Both I and II

Question ID : **264330128347**
Status : **Answered**
Chosen Option : **4**

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Q.24 If in triangle ABC, D is a point on the side BC such that the line joining AD bisects the angle A. If the length of BD and BC are 4cm and 10cm respectively, then find the ratio of the lengths of AB and AC.

Ans
✔ 1. 2 : 3
✘ 2. 5 : 3
✘ 3. 3 : 5
✘ 4. 3 : 2

Question ID : **264330128500**
Status : **Answered**
Chosen Option : **1**

Q.25 There are 5 numbers, where first number is double of second number and two-third of third number. The average of 5 numbers is 60. If the sum of remaining two numbers is 120, then find the value of the 3rd number.

Ans
✘ 1. 120
✔ 2. 90
✘ 3. 80
✘ 4. 60

Question ID : **264330128542**
Status : **Answered**
Chosen Option : **2**

Section : **General awareness**

Q.1 Who among the following became India's 76th Chess Grandmaster in the year 2022?

Ans
✘ 1. Viswanathan Anand
✔ 2. Pranav Anand
✘ 3. Pentala Harikrishna
✘ 4. Rameshbabu Praggnanandhaa

Question ID : **264330125457**
Status : **Answered**
Chosen Option : **2**

Q.2 Who among the following was the first-ever badminton player from India to clinch an Olympic medal?

Ans
✘ 1. Srikanth Kidambi
✔ 2. Saina Nehwal
✘ 3. Chirag Shetty
✘ 4. PV Sindhu

Question ID : **264330125730**
Status : **Answered**
Chosen Option : **2**

Q.3 Which of the following disease is caused by fungi?

Ans
✘ 1. Covid-19
✔ 2. Ring Worm
✘ 3. Tuberculosis
✘ 4. Cholera

Question ID : **264330125443**
Status : **Answered**
Chosen Option : **2**

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Q.4 The city of Fatehpur Sikri was built by _____.

Ans
✔ 1. Akbar
✘ 2. Aurangzeb
✘ 3. Shah Jahan
✘ 4. Jahangir

Question ID : **264330125210**
Status : **Answered**
Chosen Option : **1**

Q.5 How many silver medals did Indian athletes win in the 2022 Commonwealth Games?

Ans
✘ 1. 14
✘ 2. 18
✘ 3. 20
✔ 4. 16

Question ID : **264330125130**
Status : **Not Answered**
Chosen Option : **--**

Q.6 What is the approximate literacy rate of India as per the 2011 census?

Ans
✘ 1. 70.01 percent
✘ 2. 78.2 percent
✔ 3. 74.04 percent
✘ 4. 83.35 percent

Question ID : **264330125620**
Status : **Answered**
Chosen Option : **3**

Q.7 At which Indian institution did President of India, Smt Droupadi Murmu, inaugurate 'PARAM KAMRUPA' Supercomputer facility in October 2022?

Ans
✔ 1. IIT Guwahati
✘ 2. University of Mumbai
✘ 3. IIT Kharagpur
✘ 4. NIT Warangal

Question ID : **264330125439**
Status : **Answered**
Chosen Option : **1**

Q.8 The S-400 Triumf (Russian for Triumph) Missile System is _____ missile defense system designed in Russia.

Ans
✘ 1. air-to-underwater
✔ 2. surface-to-air
✘ 3. surface-to-surface
✘ 4. air-to-air

Question ID : **264330125642**
Status : **Answered**
Chosen Option : **2**

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Q.9 A type of loan that allows borrowers to make low payments in the initial phases but repayment of the balance amount in lump sum at maturity is known as _____.

Ans
✔ 1. Balloon Mortgage
✘ 2. English Mortgage
✘ 3. Income - Sensitive Payment
✘ 4. Payday Loans

Question ID : **264330125441**
Status : **Not Answered**
Chosen Option : **--**

Q.10 Which among the following is a unit of measurement that describes the rate at which the universe is expanding?

Ans
✘ 1. Faraday constant
✘ 2. Planck's constant
✘ 3. Electric constant
✔ 4. Hubble constant

Question ID : **264330125644**
Status : **Answered**
Chosen Option : **1**

Q.11 Which political organization was banned in September 2022 by Government of India under the Unlawful Activities (Prevention) Act?

Ans
✘ 1. Khalistan Zindabad Force
✔ 2. Popular Front of India (PFI)
✘ 3. All Tripura Tiger Force
✘ 4. Jammu and Kashmir Islamic Front

Question ID : **264330125438**
Status : **Answered**
Chosen Option : **2**

Q.12 Which country's space agency has launched project “DART Mission”?

Ans
✔ 1. USA
✘ 2. Russia
✘ 3. India
✘ 4. China

Question ID : **264330124887**
Status : **Answered**
Chosen Option : **3**

Q.13 In _____, Ambedkar started a temple entry movement, in which his Mahar caste followers participated.

Ans
✘ 1. 1923
✔ 2. 1927
✘ 3. 1925
✘ 4. 1921

Question ID : **264330125000**
Status : **Not Answered**
Chosen Option : **--**

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Q.14 What is the public healthcare spending percentage as GDP of India, as per Economic Survey 2020-21?

Ans
- ✗ 1. 2.5%
- ✓ 2. 1%
- ✗ 3. 4.5%
- ✗ 4. 5.5%

Question ID : **264330125640**
Status : **Not Answered**
Chosen Option : **--**

Q.15 Which Indian was awarded the Nobel Prize in Physics in the year 1930?

Ans
- ✗ 1. Vikram Sarabhai
- ✓ 2. C. V. Raman
- ✗ 3. Rabindranath Tagore
- ✗ 4. Amartya Sen

Question ID : **264330125452**
Status : **Answered**
Chosen Option : **2**

Q.16 Which of the following statement regarding ocean currents is correct?

Ans
- ✗ 1. The Labrador Ocean current is warm current.
- ✓ 2. The areas where the warm and cold currents meet provide the best fishing grounds.
- ✗ 3. The cold ocean currents move towards the poles.
- ✗ 4. The warm ocean currents move towards the equator.

Question ID : **264330124997**
Status : **Not Answered**
Chosen Option : **--**

Q.17 Which among the following is a database software?

Ans
- ✗ 1. MS-PowerPoint
- ✗ 2. MS-Word
- ✓ 3. dBase
- ✗ 4. Word Pad

Question ID : **264330125634**
Status : **Answered**
Chosen Option : **3**

Q.18 Which among the following Indian cities received World Green City Award 2022?

Ans
- ✗ 1. New Delhi
- ✓ 2. Hyderabad
- ✗ 3. Mumbai
- ✗ 4. Pune

Question ID : **264330125612**
Status : **Answered**
Chosen Option : **2**

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Q.19 **Article 143 of the Indian constitution is related with which of the following?**

Ans
- ✗ 1. Power of the President to enlarge jurisdiction of the Supreme Court
- ✓ 2. Power of the President to consult the Supreme Court
- ✗ 3. Power of the President to appoint National Judicial Appointments Commission
- ✗ 4. Power of the President to transfer certain cases from High Courts to Supreme Court

Question ID : **264330125003**
Status : **Answered**
Chosen Option : **1**

Q.20 **Article 72 of the Indian constitution is related with the power of the _____ to grant pardons, etc. and to suspend, remit or commute sentences in certain cases.**

Ans
- ✗ 1. Chief Minister
- ✗ 2. Governor
- ✓ 3. President
- ✗ 4. Prime Minister

Question ID : **264330125654**
Status : **Answered**
Chosen Option : **3**

Q.21 **When did Indigo revolt, a peasant movement, start in India?**

Ans
- ✗ 1. 1857
- ✗ 2. 1861
- ✓ 3. 1859
- ✗ 4. 1889

Question ID : **264330125649**
Status : **Not Answered**
Chosen Option : **--**

Q.22 **What is the official language of Bhutan, a neighbouring country of India?**

Ans
- ✗ 1. Kyat
- ✓ 2. Dzongkha
- ✗ 3. Yuan
- ✗ 4. Ngultrum

Question ID : **264330125448**
Status : **Not Answered**
Chosen Option : **--**

Q.23 **What is the zone between the arctic circle and north pole called?**

Ans
- ✗ 1. Torrid zone
- ✓ 2. Frigid zone
- ✗ 3. North temperate zone
- ✗ 4. South temperate zone

Question ID : **264330124895**
Status : **Not Answered**
Chosen Option : **--**

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Q.24 **Sir Tim Berners-Lee — a British computer scientist invented the revolutionary World Wide Web in _____.**

Ans
✗ 1. 1982
✗ 2. 1995
✓ 3. 1990
✗ 4. 1985

Question ID : **264330124983**
Status : **Answered**
Chosen Option : **1**

Q.25 **How many Vedas are there in Indian literature of classical Hinduism?**

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

Question ID : **264330125385**
Status : **Answered**
Chosen Option : **2**

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