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SSC CHSL TIER – I – Shift - 2 - 15-03-2023

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Combined Higher Secondary Level Examination Tier I 2022

Roll Number	
Candidate Name	
Venue Name	
Exam Date	15/03/2023
Exam Time	11:45 AM - 12:45 PM
Subject	CHSL Exam 2022 Tier I

Section : **English Language**

Q.1 **Rearrange the parts of the sentence in correct order.**
The Supreme Court
P. must remind the state to act constitutionally,
Q. lawfully and justly in every case across the
R. country, especially in sensitive matters involving
S. those who oppose the party in office with peaceful means

Ans
✔ 1. PQRS
✗ 2. PQSR
✗ 3. QPSR
✗ 4. QRSP

Question ID : **264330124481**
Status : **Answered**
Chosen Option : **1**

Q.2 **Choose the word that can substitute the given group of words.**
Give off gas bubbles

Ans
✗ 1. Buoyant
✔ 2. Effervescent
✗ 3. Flat
✗ 4. Effuse

Question ID : **264330124232**
Status : **Answered**
Chosen Option : **4**

Q.3 **In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.**
In black and white

Ans
✔ 1. In writing
✗ 2. In trouble
✗ 3. In suspense
✗ 4. In brief

Question ID : **264330124669**
Status : **Answered**
Chosen Option : **1**

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Q.4 **Choose the word that can substitute the given group of words.**
One who feeds on plants only

Ans
✗ 1. Vermivorous
✗ 2. Carnivorous
✗ 3. Omnivorous
✓ 4. Herbivorous

Question ID : **264330124361**
Status : **Answered**
Chosen Option : **4**

Q.5 **Choose the word that means the same as the given word.**
Dandy

Ans
✗ 1. Cartel
✗ 2. Disappointment
✗ 3. Dud
✓ 4. Beautiful

Question ID : **264330124338**
Status : **Answered**
Chosen Option : **4**

Q.6 **Choose the word that is opposite in meaning to the given word.**
Young

Ans
✗ 1. Limited
✗ 2. Silly
✓ 3. Mature
✗ 4. Gravity

Question ID : **264330124381**
Status : **Answered**
Chosen Option : **3**

Q.7 **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'.**
The objective was to / dispose off a cargo of cotton which/ I had brought from Mumbai port.

Ans
✗ 1. The objective was to
✗ 2. I had brought from Mumbai port.
✓ 3. dispose off a cargo of cotton which
✗ 4. No error

Question ID : **264330125866**
Status : **Answered**
Chosen Option : **3**

Q.8 **Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.**
This whole plot come under my uncle's jurisdiction.

Ans
✗ 1. No error
✗ 2. uncle's jurisdiction.
✓ 3. come under my
✗ 4. This whole plot

Question ID : **264330124655**
Status : **Answered**
Chosen Option : **3**

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Q.9 **The given sentence is in active voice. Change the voice of the sentence. Select the correct option from the sentences given in options.**
I know he will play his guitar.

Ans
✗ 1. His guitar will be played by him is something I know.
✗ 2. It is known to me that his guitar would be played by him.
✓ 3. It is known to me that his guitar will be played by him.
✗ 4. His guitar will be played by him is know to me.

Question ID : **264330125863**
Status : **Answered**
Chosen Option : **3**

Q.10 **Fill in the blank with an appropriate option.**
Until you confess your crime, the abdomen would _____ to grow and grow until you could not breathe.

Ans
✗ 1. expire
✗ 2. desist
✓ 3. continue
✗ 4. reckon

Question ID : **264330124235**
Status : **Answered**
Chosen Option : **3**

Q.11 **Choose the incorrectly spelt word.**

Ans
✗ 1. Block
✓ 2. Grudje
✗ 3. Flown
✗ 4. Adhere

Question ID : **264330124671**
Status : **Answered**
Chosen Option : **2**

Q.12 **Select the most appropriate meaning of the given idiom.**
Bite the dust

Ans
✗ 1. To lose a fight
✗ 2. To grieve over
✗ 3. To hate
✓ 4. To die

Question ID : **264330125880**
Status : **Answered**
Chosen Option : **1**

Q.13 **Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. In case no improvement is needed, select 'No improvement'.**
(Neither of the two have cleared the) aptitude test.

Ans
✗ 1. Neither of two have cleared the
✗ 2. Neither of the two boys have cleared
✗ 3. No improvement
✓ 4. Neither of the two has cleared the

Question ID : **264330124692**
Status : **Answered**
Chosen Option : **4**

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Q.14 Select the most appropriate 'one word' for the expression given below.
One who is against religion.

Ans
✗ 1. Poacher
✗ 2. Lunatic
✗ 3. Bandit
✓ 4. Heretic

Question ID : **264330125831**
Status : **Answered**
Chosen Option : **3**

Q.15 Choose the word that means the same as the given word.
Habitat

Ans
✗ 1. Motion
✗ 2. Clothed
✗ 3. Bent
✓ 4. Niche

Question ID : **264330124675**
Status : **Answered**
Chosen Option : **2**

Q.16 Select the word that is closest in meaning (SYNONYM) to the word given below.
CAJOLE

Ans
✗ 1. DISSUADE
✓ 2. PERSUADE
✗ 3. BULLY
✗ 4. DISENCHANT

Question ID : **264330125808**
Status : **Answered**
Chosen Option : **2**

Q.17 Select the most appropriate 'one word' for the expression given below.
Exclusive command or possession

Ans
✗ 1. Sanctum
✓ 2. Monopoly
✗ 3. Hypergamy
✗ 4. Parvenu

Question ID : **264330125780**
Status : **Answered**
Chosen Option : **2**

Q.18 Choose the sentence with no spelling error.

Ans
✓ 1. Peel and pit avocados and cut into slice
✗ 2. Peel and pit avacados and cut into slice.
✗ 3. Peal and pitt avocados and cut into slise.
✗ 4. Peale and pit avocados and cut into slise.

Question ID : **264330124672**
Status : **Answered**
Chosen Option : **1**

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Q.19 **Rearrange the parts of the sentence in correct order.**
P. actually move so slowly that algae grows on their fur and
Q. the forest from predators like nocturnal cats and harpy eagles
R. this can give sloths a green colour that helps them hide in
S. sloths live in tropical forests in South and Central America, and they

Ans
✗ 1. PSQR
✗ 2. RQPS
✓ 3. SPRQ
✗ 4. SRQP

Question ID : **264330124664**
Status : **Answered**
Chosen Option : **3**

Q.20 **Select the correct indirect form of the given sentence.**
The coach said to the student, "When will you come for practice?"

Ans
✗ 1. The coach asked the student when he will come for practice.
✗ 2. The coach asked the student when he would came for practice.
✓ 3. The coach asked the student when he would come for practice.
✗ 4. The coach asked the student when would he come for practice.

Question ID : **264330124654**
Status : **Answered**
Chosen Option : **3**

Comprehension:

In the following passage some of the words have been deleted. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.
A recent study that (1) _____ people's brains at different points in their work day (2) _____ high-demand tasks which require intense, constant concentration can lead to build-up of a (3) _____ toxic chemical called glutamate. Normally used to (4) _____ signals from nerve cells, in large quantities glutamate alters the (5) _____ of a brain region involved in planning and decision making, the lateral prefrontal cortex (lPFC).

SubQuestion No : 21

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

Ans
✗ 1. buzzed
✗ 2. illuminated
✓ 3. scanned
✗ 4. answered

Question ID : **264330124658**
Status : **Answered**
Chosen Option : **3**

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Comprehension:

In the following passage some of the words have been deleted. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.
A recent study that (1) _____ people's brains at different points in their work day (2) _____ high-demand tasks which require intense, constant concentration can lead to build-up of a (3) _____ toxic chemical called glutamate. Normally used to (4) _____ signals from nerve cells, in large quantities glutamate alters the (5) _____ of a brain region involved in planning and decision making, the lateral prefrontal cortex (lPFC).

SubQuestion No : 22

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

Ans
✗ 1. founded
✓ 2. found
✗ 3. find
✗ 4. had founded

Question ID : **264330124659**
Status : **Answered**
Chosen Option : **2**

Comprehension:

In the following passage some of the words have been deleted. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.
A recent study that (1) _____ people's brains at different points in their work day (2) _____ high-demand tasks which require intense, constant concentration can lead to build-up of a (3) _____ toxic chemical called glutamate. Normally used to (4) _____ signals from nerve cells, in large quantities glutamate alters the (5) _____ of a brain region involved in planning and decision making, the lateral prefrontal cortex (lPFC).

SubQuestion No : 23

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

Ans
✓ 1. potentially
✗ 2. utterly
✗ 3. perpetually
✗ 4. grandly

Question ID : **264330124660**
Status : **Answered**
Chosen Option : **1**

Comprehension:

In the following passage some of the words have been deleted. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.
A recent study that (1) _____ people's brains at different points in their work day (2) _____ high-demand tasks which require intense, constant concentration can lead to build-up of a (3) _____ toxic chemical called glutamate. Normally used to (4) _____ signals from nerve cells, in large quantities glutamate alters the (5) _____ of a brain region involved in planning and decision making, the lateral prefrontal cortex (lPFC).

SubQuestion No : 24

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

Ans
✗ 1. swipe
✗ 2. donate
✓ 3. send
✗ 4. travel

Question ID : **264330124661**
Status : **Answered**
Chosen Option : **3**

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Comprehension:

In the following passage some of the words have been deleted. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.
A recent study that (1) _____ people's brains at different points in their work day (2) _____ high-demand tasks which require intense, constant concentration can lead to build-up of a (3) _____ toxic chemical called glutamate. Normally used to (4) _____ signals from nerve cells, in large quantities glutamate alters the (5) _____ of a brain region involved in planning and decision making, the lateral prefrontal cortex (lPFC).

SubQuestion No : 25

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

Ans
✔ 1. performance
✘ 2. synergy
✘ 3. radiation
✘ 4. ensemble

Question ID : **264330124662**
Status : **Answered**
Chosen Option : **1**

Section : **General Intelligence**

Q.1 In the following question, four number pairs are given. In each pair the number on left side of (–) is related to the number of the right side of (–) with some Logic/Rule /Relation. Three pairs are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives. (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)

Ans
✘ 1. 21 - 1020
✔ 2. 17 - 1006
✘ 3. 11 - 1010
✘ 4. 23 - 1022

Question ID : **264330127120**
Status : **Answered**
Chosen Option : **2**

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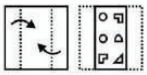
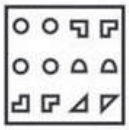
Q.2 A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened?



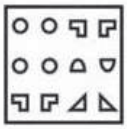
Ans

✗ 1.

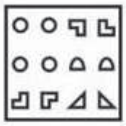


✓ 2.

✗ 3.



✗ 4.



Question ID : **264330127286**
Status : **Answered**
Chosen Option : **2**

Q.3 Select the option figure in which the given figure is embedded. (rotation is NOT allowed)

Ans

✗ 1.

✗ 2.

✗ 3.

✓ 4.

Question ID : **264330126860**
Status : **Answered**
Chosen Option : **4**

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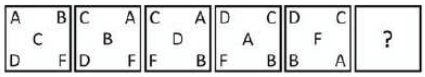
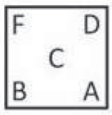
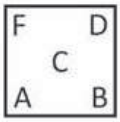
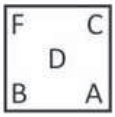
Q.4 Select the figure from the given options that can replace the question mark (?) in the following series.

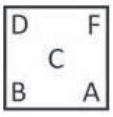


Ans

✔ 1. 

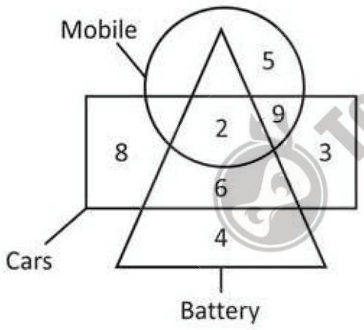
✘ 2. 

✘ 3. 

✘ 4. 

Question ID : **264330127333**
Status : **Answered**
Chosen Option : **1**

Q.5 How many mobiles are not battery?



Ans

✘ 1. 7

✘ 2. 5

✘ 3. 9

✔ 4. 14

Question ID : **264330127063**
Status : **Answered**
Chosen Option : **4**

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Q.6 **Pointing towards a photo of a girl, Suman said, "She is the daughter of my brother's father". How that girl is related to Suman? (Assuming its not a photo of self) .**

Ans
- ✗ 1. Daughter
- ✗ 2. Niece
- ✓ 3. Sister
- ✗ 4. Sister in law

Question ID : **264330127327**
Status : **Answered**
Chosen Option : **3**

Q.7 **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.**
Cow : Four :: ?

Ans
- ✓ 1. Crow : Two
- ✗ 2. Four : Dog
- ✗ 3. Tiger : Eight
- ✗ 4. Parrot : Five

Question ID : **264330127128**
Status : **Answered**
Chosen Option : **1**

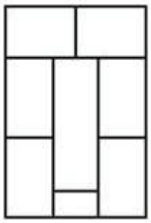
Q.8 **Select the word pair in which the words are related in the same way as the words are related in the following pair:**

Hygrometer : Humidity :: ?

Ans
- ✗ 1. Ammeter : Length
- ✗ 2. Anemometer : Temperature
- ✓ 3. Seismograph : Earthquake
- ✗ 4. Odometer : Odour

Question ID : **264330127503**
Status : **Answered**
Chosen Option : **3**

Q.9 How many quadrilaterals are there in the given figure?



Ans
- ✓ 1. 16
- ✗ 2. 17
- ✗ 3. 15
- ✗ 4. 14

Question ID : **264330127059**
Status : **Answered**
Chosen Option : **1**

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Q.10 In the following question, select the missing number from the given series.
169, 196, 225, 256, ?

Ans
✔ 1. 289
✘ 2. 324
✘ 3. 441
✘ 4. 361

Question ID : **264330127094**
Status : **Answered**
Chosen Option : **1**

Q.11 Select the option in which the numbers share the same relationship in set as that shared by the numbers in the given 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)
(8, 6, 50)
(24, 4, 98)

Ans
✘ 1. (2, 48, 100)
✘ 2. (12, 8, 100)
✘ 3. (32, 3, 144)
✔ 4. (18, 6, 110)

Question ID : **264330127318**
Status : **Answered**
Chosen Option : **4**

Q.12 In the following question some statements are given followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:
I. Some C are D.
II. All D are E.

Conclusions:
I. All C are E.
II. All D are C.
III. All E are D.

Ans
✘ 1. Only conclusion I follows
✔ 2. None of the conclusion follows
✘ 3. Only conclusion II follows
✘ 4. All conclusion follows

Question ID : **264330127331**
Status : **Answered**
Chosen Option : **2**

Q.13 If 52 % 38 % 84 = 174 and 16 % 12 % 95 = 123, then 44 % 28 % 7 = ?

Ans
✔ 1. 79
✘ 2. 81
✘ 3. 76
✘ 4. 77

Question ID : **264330127089**
Status : **Answered**
Chosen Option : **1**

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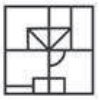
Q.14 Select the option figure in which the given figure is embedded. (rotation is NOT allowed)

Ans

✗ 1.

✓ 2.

✗ 3.

✗ 4. 

Question ID : **264330127110**
Status : **Answered**
Chosen Option : **2**

Q.15 **By interchanging the given two signs which of the following equation will be correct?**
+ and ×
I. 5 × 12 – 15 + 20 ÷ 30 = 7
II. 51 ÷ 17 × 9 + 10 – 8 = 85

Ans

✓ 1. Both I and II

✗ 2. Neither I nor II

✗ 3. Only I

✗ 4. Only II

Question ID : **264330126815**
Status : **Answered**
Chosen Option : **1**

Q.16 **In the following question, select the odd letter/letters from the given alternatives.**

Ans

✗ 1. ZWSH

✗ 2. FCYB

✗ 3. PMIR

✓ 4. GDAZ

Question ID : **264330127329**
Status : **Answered**
Chosen Option : **4**

Q.17 **In a certain code language, 'HUMAN' is coded as 'JYSIX'. What is the code for 'IMAGE' in that code language?**

Ans

✗ 1. KOGQO

✗ 2. KQGOM

✗ 3. KQGOA

✓ 4. KQGOO

Question ID : **264330127322**
Status : **Answered**
Chosen Option : **4**

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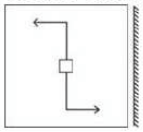
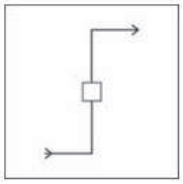
Q.18 Select the correct mirror image of the given figure when the mirror is placed to its right side.

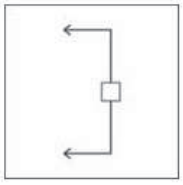


Ans

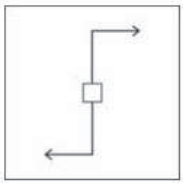
✗ 1.



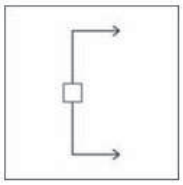
✗ 2.



✓ 3.



✗ 4.



Question ID : **264330127662**
Status : **Answered**
Chosen Option : **3**

Q.19 **Select the option that is related to the first number in the same way as the third number is related to the fourth number and fifth number is related to sixth number.**
12 : ? :: 15 : 1728 :: 11 : 512

Ans

✗ 1. 216

✗ 2. 81

✓ 3. 729

✗ 4. 6561

Question ID : **264330127041**
Status : **Answered**
Chosen Option : **3**

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Q.20 In a certain code language, 'MOCK' is coded as '9326', 'MINK' is coded as '2538', 'LUNE' is coded as '5041', 'LOUT' is coded as '6714'. What can be the code for 'ONM' in that code language?

Ans
✗ 1. 649
✓ 2. 653
✗ 3. 567
✗ 4. 658

Question ID : **264330127323**
Status : **Answered**
Chosen Option : **2**

Q.21 Three of the following words are alike in a certain way and one is different. Pick the word that is different from the rest.

Ans
✗ 1. Sheep
✓ 2. Crocodile
✗ 3. Cow
✗ 4. Goat

Question ID : **264330127580**
Status : **Answered**
Chosen Option : **2**

Q.22 A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
RCMG, VWUW, ZQCM, DKKC, ?

Ans
✗ 1. HFQS
✗ 2. SMRQ
✗ 3. HMRQ
✓ 4. HESS

Question ID : **264330127326**
Status : **Answered**
Chosen Option : **4**

Q.23 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.
1. Advantage
2. Advice
3. Advise
4. Admirable
5. Adorable

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

Question ID : **264330127571**
Status : **Answered**
Chosen Option : **2**

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Q.24 In the following question, four number pairs are given. In each pair the number on left side of (–) is related to the number of the right side of (–) with some Logic/Rule /Relation. Three pairs are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives. (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)

Ans
✗ 1. 38 - 1444
✗ 2. 44 - 1936
✗ 3. 42 - 1764
✓ 4. 36 - 1266

Question ID : **264330127495**
Status : **Answered**
Chosen Option : **4**

Q.25 In the following question, select the related letters from the given alternatives.
GT : HV :: HU : ?

Ans
✓ 1. IW
✗ 2. XW
✗ 3. BX
✗ 4. ZA

Question ID : **264330127099**
Status : **Answered**
Chosen Option : **1**

Section : **Quantitative Aptitude**

Q.1 If $\sin\theta - \cos\theta = 0$, then what is the value of $\sin^2\theta + \tan^2\theta$?

Ans
✗ 1. $1/2$
✗ 2. 1
✗ 3. $4/5$
✓ 4. $3/2$

Question ID : **264330128333**
Status : **Answered**
Chosen Option : **4**

Q.2 What is the value of $(a-b)^3 - a^3 + b^3$?

Ans
✗ 1. $3ab(a-b)$
✗ 2. $-3ab(a+b)$
✗ 3. $3ab(a+b)$
✓ 4. $-3ab(a-b)$

Question ID : **264330128327**
Status : **Answered**
Chosen Option : **4**

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Q.3 A, B, P and Q are points on the circumference of a circle with centre O. If angle AQB is 60°, then which of the following can be the value of angle APB?

Ans
✗ 1. 160°
✗ 2. 30°
✗ 3. 90°
✓ 4. 60°

Question ID : **264330128398**
Status : **Answered**
Chosen Option : **4**

Q.4 If 7A425B is divisible by 36, then what is the value of A – B?

Ans
✗ 1. 0
✓ 2. 5
✗ 3. 1
✗ 4. 2

Question ID : **264330127830**
Status : **Answered**
Chosen Option : **2**

Q.5 At a certain sum of money with the interest rate of 6% per annum for 4 years, the simple interest is Rs. 4500. Find the compound interest (compounding annually) of 2 years at the same sum when the rate of interest is 4% per annum.

Ans
✓ 1. Rs.1,530
✗ 2. Rs.1,430
✗ 3. Rs.1,830
✗ 4. Rs.1,560

Question ID : **264330128572**
Status : **Answered**
Chosen Option : **1**

Q.6 The average age of 14 friends is 14 years. If the age of 15th friend is added, then the average remains same. What is the age of the 15th friend?

Ans
✗ 1. 15 years
✗ 2. 18 years
✓ 3. 14 years
✗ 4. 12 years

Question ID : **264330128317**
Status : **Answered**
Chosen Option : **3**

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Q.7 The breadth of a rectangular floor is 3/5 of its length. If the area of the floor is 60 metre ^{2}, then what is the difference between the length and breadth of the floor?

Ans
1. 6 m
2. 7.5 m
3. 5 m
4. 4 m

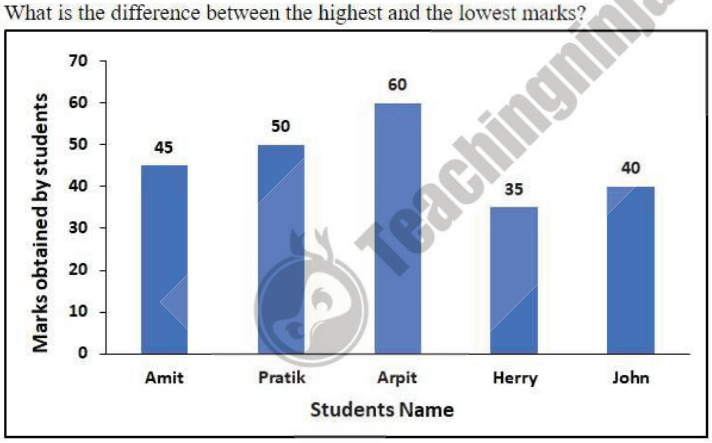
Question ID : **264330128316**
Status : **Answered**
Chosen Option : **4**

Q.8 What is the total number of factors of the number 840 except 1 and the number itself?

Ans
1. 29
2. 30
3. 28
4. 31

Question ID : **264330128331**
Status : **Answered**
Chosen Option : **2**

Q.9 The following bar graph shows the marks obtained by 5 students of a class.
What is the difference between the highest and the lowest marks?



Ans
1. 25
2. 60
3. 35
4. 15

Question ID : **264330128385**
Status : **Answered**
Chosen Option : **1**

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Q.10 Ram covers a distance in 8 hours and Mohan covers the same distance in 4 hours. If speed of Mohan is 10 km/hr more than Ram, then which of the following statements is/are correct?
I. Speed of Mohan is 20 km/hr.
II. Sum of their speed is 30 km/hr.

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

Question ID : **264330128315**
Status : **Answered**
Chosen Option : **2**

Q.11 The marked price of a trouser is four time the cost price. To earn 64 percent profit, what should be the discount percentage?

Ans
✗ 1. 55 percent
✗ 2. 62 percent
✗ 3. 65 percent
✓ 4. 59 percent

Question ID : **264330128043**
Status : **Answered**
Chosen Option : **4**

Q.12 When a number is successively decreased by 25 percent, 40 percent and 20 percent, then it becomes 32,904. What is that number?

Ans
✗ 1. 95,600
✗ 2. 92,800
✓ 3. 91,400
✗ 4. 80,500

Question ID : **264330128319**
Status : **Answered**
Chosen Option : **3**

Q.13 Both A and B sells their watch at the rate of Rs.5,400 per watch. A earned a profit of 10 percent while B incurred a loss of 25 percent. What is the ratio of cost prices of A and B?

Ans
✗ 1. 19 : 23
✓ 2. 15 : 22
✗ 3. 15 : 19
✗ 4. 18 : 25

Question ID : **264330128045**
Status : **Answered**
Chosen Option : **2**

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Q.14 X, Y and Z invested Rs.4,000, Rs.6,000 and Rs.8,000 respectively in a business. They invested the money for 3, 2 and 4 years respectively. If the total profit is Rs.56,000, then what is the share of Y in the profit?

Ans

✗ 1. Rs.18,000

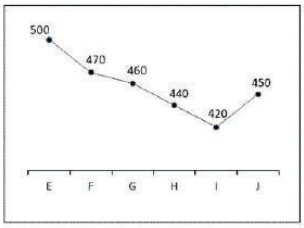
✓ 2. Rs.12,000

✗ 3. Rs.15,000

✗ 4. Rs.9,000

Question ID : **264330128321**
Status : **Answered**
Chosen Option : **2**

Q.15 The line chart given below shows the production of refrigerator by 6 companies.



What is the difference between production of refrigerator by company E, F and G together and the production of refrigerator by company H, I and J together?

Ans

✗ 1. 80

✗ 2. 160

✓ 3. 120

✗ 4. 190

Question ID : **264330128136**
Status : **Answered**
Chosen Option : **3**

Q.16 The following table shows quantity of stocks and their average cost.
What is the value of the total stock? (in lakh rupees)

	Quantity of stock	Average cost(Rs.)
Mobile Phones	25	15000
Cameras	80	16000
TVs	54	55000
Refrigerators	41	27000
ACs	64	24000

Ans

✗ 1. 264

✗ 2. 137

✓ 3. 72.68

✗ 4. 726.8

Question ID : **264330128588**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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Q.17 If $\sec 3A = \operatorname{cosec}(A - 72^\circ)$, then what is the value of A?

Ans
✗ 1. 34.5 degree
✗ 2. 30 degree
✓ 3. 40.5 degree
✗ 4. 25 degree

Question ID : **264330127907**
Status : **Answered**
Chosen Option : **3**

Q.18 15 taps can fill a tank in 36 minutes. How many taps will be required to fill the tank in one hour ?

Ans
✗ 1. 12
✓ 2. 9
✗ 3. 8
✗ 4. 6

Question ID : **264330128564**
Status : **Answered**
Chosen Option : **2**

Q.19 Compute the expression $(299)^2$ using algebraic identities.

Ans
✗ 1. 89301
✗ 2. 89402
✗ 3. 88401
✓ 4. 89401

Question ID : **264330128054**
Status : **Answered**
Chosen Option : **4**

Q.20 If in a right angled ΔPQR, $\tan Q = 5/12$, then what is the value of $\cos Q$?

Ans
✗ 1. 12/5
✗ 2. 13/5
✓ 3. 12/13
✗ 4. 5/13

Question ID : **264330128259**
Status : **Answered**
Chosen Option : **3**

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Q.21 In a triangle MNO, XA, XB and XC are perpendicular bisectors on sides MN, ON and OM respectively intersect each other at X. If ∠NMO = 55 degree, then what is the value of ∠NXO?

Ans

✗ 1. 130 degree

✓ 2. 110 degree

✗ 3. 95 degree

✗ 4. 125 degree

Question ID : **264330128326**
Status : **Answered**
Chosen Option : **4**

Q.22 What is the value of $\left(k-\frac{1}{k}\right)\left(k^2+\frac{1}{k^2}\right)\left(k^4+\frac{1}{k^4}\right)\left(k^8+\frac{1}{k^8}\right)\left(k^{16}+\frac{1}{k^{16}}\right)$?

Ans

✗ 1. $k^{64}-\frac{1}{k^{64}}$

✗ 2. $\frac{k^{32}-\frac{1}{k^{32}}}{k-\frac{1}{k}}$

✗ 3. $k^{32}-\frac{1}{k^{32}}$

✓ 4. $\frac{k^{32}-\frac{1}{k^{32}}}{k+\frac{1}{k}}$

Question ID : **264330128103**
Status : **Answered**
Chosen Option : **4**

Q.23 Circumference of a circle is 58π cm. There is a chord XY of length 42 cm in this circle. What is the distance of this chord XY from the centre?

Ans

✗ 1. 32 cm

✓ 2. 20 cm

✗ 3. 28 cm

✗ 4. 24 cm

Question ID : **264330128324**
Status : **Answered**
Chosen Option : **2**

Q.24 Length of a chord is 40 cm. If the angle subtended by this chord at the circumference of the circle is 90 degree, then what will be the radius of this circle?

Ans

✗ 1. 15 cm

✗ 2. 25 cm

✗ 3. 80 cm

✓ 4. 20 cm

Question ID : **264330127898**
Status : **Answered**
Chosen Option : **4**

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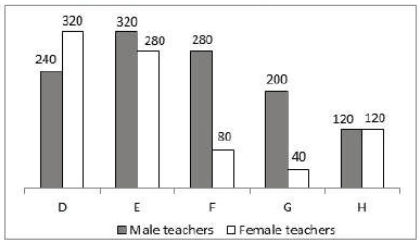
Q.25 The bar graph given below shows the number of male teacher and female teachers in 5 schools.



L1 = The difference between the total number of male and female teachers in all the 5 schools.

L2 = Total number of male and female teachers in school H.

What is the value of (L1/L2)?

Ans
✗ 1. 2.66
✓ 2. 1.33
✗ 3. 0.55
✗ 4. 4.66

Question ID : **264330128062**
Status : **Not Answered**
Chosen Option : **--**

Section : **General awareness**

Q.1 **Which among the following international boundaries is the longest?**

Ans
✓ 1. Indo-Bangladesh
✗ 2. Indo-Myanmar
✗ 3. Indo-China
✗ 4. Indo-Pak

Question ID : **264330125721**
Status : **Answered**
Chosen Option : **1**

Q.2 **Who was the first woman of Indian origin to go to space?**

Ans
✗ 1. Nagin Cox
✗ 2. Yogita Shah
✓ 3. Kalpana Chawla
✗ 4. Sirisha Bandla

Question ID : **264330125726**
Status : **Answered**
Chosen Option : **3**

Q.3 **Under which article of the Indian constitution is the Prime Minister the head of the Council of Ministers?**

Ans
✗ 1. Article 52
✗ 2. Article 377
✗ 3. Article 60
✓ 4. Article 74

Question ID : **264330125429**
Status : **Answered**
Chosen Option : **4**

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Q.4 The Indian parliament has power to impose restrictions on trade, commerce and intercourse through which article of the Indian constitution?

Ans
- ✗ 1. 304
- ✗ 2. 300A
- ✗ 3. 303
- ✓ 4. 302

Question ID : **264330125153**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.5 Which of the following is an example of Phylum – Annelida?

Ans
- ✗ 1. Hookworm
- ✗ 2. Filaria worm
- ✓ 3. Earthworm
- ✗ 4. Roundworm

Question ID : **264330125419**
Status : **Answered**
Chosen Option : **3**

Q.6 Which among the following enzymes helps in breaking down fats?

Ans
- ✓ 1. Lipase
- ✗ 2. Amylase
- ✗ 3. Trypsin
- ✗ 4. Ribonuclease

Question ID : **264330125668**
Status : **Answered**
Chosen Option : **2**

Q.7 Cheetahs brought from Namibia were introduced in the Kuno National Park located in _____.

Ans
- ✗ 1. Karnataka
- ✓ 2. Madhya Pradesh
- ✗ 3. Gujarat
- ✗ 4. Rajasthan

Question ID : **264330124962**
Status : **Answered**
Chosen Option : **2**

Q.8 Which among the following is an Indian martial art from Manipur?

Ans
- ✗ 1. Muay Thai
- ✗ 2. Kalaripayattu
- ✓ 3. Thang-Ta
- ✗ 4. Gatka

Question ID : **264330125682**
Status : **Answered**
Chosen Option : **3**

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Q.9 _____ will host the 37th edition of the National Games in October 2023.

Ans
✔ 1. Goa
✘ 2. West Bengal
✘ 3. Kerala
✘ 4. Maharashtra

Question ID : **264330125606**
Status : **Answered**
Chosen Option : **1**

Q.10 Who is the governor of Reserve Bank of India as of 2022?

Ans
✘ 1. Urjit R. Patel
✘ 2. D. Subbarao
✔ 3. Shaktikanta Das
✘ 4. Raghuram Rajan

Question ID : **264330125666**
Status : **Answered**
Chosen Option : **3**

Q.11 Nechiphu Tunnel, in Arunachal Pradesh, built by Border Road Organisation (BRO) and its excavation work completed in May 2022 falls under Project _____.

Ans
✘ 1. Hirak
✘ 2. Sampark
✘ 3. Gaganyaan
✔ 4. Vartak

Question ID : **264330125664**
Status : **Answered**
Chosen Option : **2**

Q.12 Ustad Bismillah Khan, an Indian musician credited with popularizing the shehnai, received which honour from Government of India in 2001?

Ans
✔ 1. Bharat Ratna
✘ 2. Padma Shri
✘ 3. Padma Vibhushan
✘ 4. Padma Bhushan

Question ID : **264330125677**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.13 The commercial banks of India have to maintain a minimum percentage of cash, gold and other securities before lending loans to its customers. This is called the _____.

Ans
✘ 1. Capital Adequacy Ratio
✘ 2. Current Account and Savings Account Ratio
✔ 3. Statutory Liquidity Ratio
✘ 4. Cash Reserve Ratio

Question ID : **264330125415**
Status : **Answered**
Chosen Option : **3**

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Q.14 Which of the following pairs of "river – tributary" is correct?
I. Tapi – Manjra
II. Krishna – Ghatprabha

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

Question ID : **264330125147**
Status : **Answered**
Chosen Option : **4**

Q.15 Which of the following is not a technique or a step to convert normal water to potable water?

Ans
1. Filtration
2. Bromination
3. Boiling
4. Chlorination

Question ID : **264330125417**
Status : **Answered**
Chosen Option : **2**

Q.16 In a completely connected network, how many lines are required for connecting 6 nodes?

Ans
1. 12
2. 15
3. 30
4. 24

Question ID : **264330125133**
Status : **Answered**
Chosen Option : **1**

Q.17 Which among the following is the largest of all the duns of the Shiwaliks mountain range in India?

Ans
1. Patli Dun
2. Jammudun
3. Dehra Dun
4. Kotli Dun

Question ID : **264330125673**
Status : **Not Answered**
Chosen Option : **--**

Q.18 Rajaraja I, considered the most powerful Chola ruler, became king in _____ .

Ans
1. 999
2. 979
3. 971
4. 985

Question ID : **264330125150**
Status : **Not Answered**
Chosen Option : **--**

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Q.19 The foundation of the Mauryan empire was laid by _____.

Ans
1. Kalashoka
2. Chandragupta Maurya
3. Bindusara
4. Ashoka

Question ID : **264330125424**
Status : **Answered**
Chosen Option : **2**

Q.20 Which of the following pair of "player – medal" is correct regarding performance of India in 2022 Commonwealth Games?
I. Bajrang Punia – Gold
II. Sakshi Malik – Gold

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

Question ID : **264330125231**
Status : **Answered**
Chosen Option : **3**

Q.21 Sheela recalls using transistors as part of her computer. Which generation of computers used it?

Ans
1. Third
2. First
3. Fourth
4. Second

Question ID : **264330125409**
Status : **Answered**
Chosen Option : **4**

Q.22 Madhubani style of painting originated in the state of _____.

Ans
1. Gujarat
2. Karnataka
3. Bihar
4. Rajasthan

Question ID : **264330125460**
Status : **Answered**
Chosen Option : **3**

Q.23 Which singer was one of the Navaratnas (Nine Jewels) in the court of Mughal Emperor Jalal ud-din Mohammad Akbar?

Ans
1. Alla Rakha
2. Ustad Ahmad Lahori
3. Amir Khusrau
4. Tansen

Question ID : **264330125086**
Status : **Answered**
Chosen Option : **4**

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Q.24 Swachh Toycathon Competition 2022 was launched in India by Ministry of _____.

Ans
✗ 1. Finance
✗ 2. Commerce and Industry
✓ 3. Housing and Urban Affairs
✗ 4. Culture

Question ID : **264330125663**
Status : **Answered**
Chosen Option : **2**

Q.25 On which of the following dates does the summer solstice falls?

Ans
✗ 1. 22 December
✗ 2. 23 September
✗ 3. 21 March
✓ 4. 21 June

Question ID : **264330124970**
Status : **Answered**
Chosen Option : **3**

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