SSC CHSL

Tier-I

Combined Higher Secondary Level Examination Tier I 2022

Roll Number	
Candidate Name	
Venue Name	
Exam Date	09/03/2023
Exam Time	11:45 AM - 12:45 PM
Subject	CHSL Exam 2022 Tier I

Section : English Language

Q.1 Select the correct indirect form of the given sentence. Aditi said, "I am not invested in the project anymore."

Ans ✗ 1. Aditi said that she had not invested in the project anymore.

✗ 2. Aditi said that she is not invested in the project anymore.

✔ 3. Aditi said that she was not invested in the project anymore.

✗ 4. Aditi said that she do not invested in the project anymore.

Question ID : 264330124030
Status : Answered
Chosen Option : 1

Q.2 In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
To burn one's finger

Ans ✔ 1. To suffer a loss by acting rashly

✗ 2. To accidentally touch a hot utensil

✗ 3. A question without any agreed answer

✗ 4. To have one's finger chopped

Question ID : 264330124045
Status : Answered
Chosen Option : 1

Q.3 Choose the word that means the same as the given word. Slick

Ans ✗ 1. Novice

✗ 2. Fractions

✔ 3. Slippery

✗ 4. New

Question ID : 264330124051
Status : Answered
Chosen Option : 2

Q.4 Choose the word that can substitute the given group of words. Compulsory enlistment for military service

Ans ✗ 1. Militaristic

✔ 2. Conscription

✗ 3. Armament

✗ 4. Abdication

Question ID : 264330124570
Status : Answered
Chosen Option : 1

Q.5 Choose the sentence with no spelling error.

Ans   ✗ 1. Lites flickered in the bussh behind him.

     ✗ 2. Lights flicered in the bush behind him.

     ✗ 3. Lights flikered in the bush behind him.

     ✓ 4. Lights flickered in the bush behind him.

Question ID : **264330124048**
Status : **Answered**
Chosen Option : **4**

Q.6 Choose the option that is the correct passive form of the sentence.
The culture was losing its meaning.

Ans   ✗ 1. The culture lost it's meaning.

     ✗ 2. The meaning of the culture was lost.

     ✓ 3. The meaning of the culture was being lost.

     ✗ 4. The meaning of the culture will lost.

Question ID : **264330124705**
Status : **Answered**
Chosen Option : **3**

Q.7 Rearrange the parts of the sentence in correct order.
P. fish, or other potential food item that happen
Q. to be floating by with stinging cells called nematocysts
R. at night and capture tiny organisms like zooplankton, small
S. corals are predators and they extend their tentacles

Ans   ✗ 1. RSPQ

     ✗ 2. RPQS

     ✗ 3. PQRS

     ✓ 4. SRPQ

Question ID : **264330124040**
Status : **Answered**
Chosen Option : **4**

Q.8 Fill in the blank with the most suitable word.
Remember that, little sister: wait for a man to _____ your honour, and you'll wait
forever.

Ans   ✗ 1. comfort

     ✗ 2. cheer

     ✗ 3. repeal

     ✓ 4. avenge

Question ID : **264330125862**
Status : **Marked For Review**
Chosen Option : **2**

Q.9 Choose the word that can substitute the given group of words.
A specialist of kidney

Ans   ✗ 1. Obstetrician

     ✓ 2. Nephrologist

     ✗ 3. Pathologist

     ✗ 4. Primatologist

Question ID : **264330124024**
Status : **Answered**
Chosen Option : **2**

Q.10 Choose the word that means the same as the given word.
Laggard

Ans   ✗ 1. Prompt

     ✗ 2. Hustler

     ✔ 3. Dawdling

     ✗ 4. Expeditious

Question ID : **264330124546**
Status : **Answered**
Chosen Option : **4**

Q.11 Select the most appropriate meaning of the given idiom.
A shot in the dark.

Ans   ✗ 1. Shooting in the night

     ✔ 2. Randomly doing something, the outcome of which is unknown

     ✗ 3. A blind man's cane

     ✗ 4. Looking at the stars

Question ID : **264330124722**
Status : **Answered**
Chosen Option : **2**

Q.12 Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
The Government has been building more schools to **provided education at** the secondary level.

Ans   ✔ 1. provide education at

     ✗ 2. provide educationally on

     ✗ 3. providing education to

     ✗ 4. No improvement

Question ID : **264330124536**
Status : **Answered**
Chosen Option : **1**

Q.13 Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
She cuts her **haired short** in the summer.

Ans   ✔ 1. hair short

     ✗ 2. hairy short

     ✗ 3. No improvement

     ✗ 4. hair shortest

Question ID : **264330124431**
Status : **Answered**
Chosen Option : **1**

Q.14 Select the option that will improve the underlined part of the sentence. In case no improvement is needed, select 'No improvement'.
Herbalism had become an all but extinct skill in the Western world.

Ans   ✔ 1. No improvement

     ✗ 2. Herbalism has become but all an extinct skill

     ✗ 3. Herbalism become an extinct skill

     ✗ 4. Herbalism has become but an extinct skill

Question ID : **264330125901**
Status : **Answered**
Chosen Option : **3**

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

Ans ✔ 1. Blasphemy

✘ 2. Modification

✘ 3. Consecration

✘ 4. Reverence

Question ID : 264330124026

Status : Marked For Review

Chosen Option : 1

Q.16 Fill in the blank with an appropriate option.
One of his rules was to always _____ and await instruction to enter.

Ans ✔ 1. knock

✘ 2. rub

✘ 3. blink

✘ 4. resist

Question ID : 264330124183

Status : Answered

Chosen Option : 1

Q.17 Choose the incorrectly spelt word.

✔ 1. Clovver

✘ 2. Sharpen

✘ 3. Sunrise

✘ 4. Happen

Question ID : 264330124047

Status : Answered

Chosen Option : 1

Ans

Q.18 Identify the segment in the sentence which contains a grammatical error. If there is no error, then select the
option "No error".
Today, in fit of frenzied rage and / jealousy, you would have/ killed me, your brother.

Ans ✘ 1. killed me, your brother.

✘ 2. No error

✘ 3. jealousy, you would have

✔ 4. Today, in fit of frenzied rage and

Question ID : 264330124708

Status : Answered

Chosen Option : 1

Q.19 Choose the word that is opposite in meaning to the given word. Accessory

Ans ✘ 1. Substitute

✘ 2. Surplus

✔ 3. Essential

✘ 4. Option

Question ID : 264330124641

Status : Marked For Review

Chosen Option : 2

Q.20 Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
India has turned 70 years older as a Republic.

Ans   ✔ 1. 70 years older

   ✘ 2. as a Republic.

   ✘ 3. No error

   ✘ 4. India has turned

Question ID : 264330124031
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.
In a new study (1)_____in Nature Human Behaviour, we have now shown that, in 2021, (2)_____ expectancy rebounded somewhat in most western European countries (3)_____ eastern Europe and the US witnessed additional losses. However, only Norway (4) _____ its pre-pandemic life expectancy in 2021, and everywhere is worse off than it would (5) _____ have been without the pandemic.

SubQuestion No : 21

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

Ans   ✔ 1. published

   ✘ 2. registered

   ✘ 3. surrounded

   ✘ 4. established

Question ID : 264330124034
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.
In a new study (1)_____in Nature Human Behaviour, we have now shown that, in 2021, (2)_____ expectancy rebounded somewhat in most western European countries (3)_____ eastern Europe and the US witnessed additional losses. However, only Norway (4) _____ its pre-pandemic life expectancy in 2021, and everywhere is worse off than it would (5) _____ have been without the pandemic.

SubQuestion No : 22

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

   ✘ 1. game

   ✘ 2. animal

   ✘ 3. hunger

   ✔ 4. life

Question ID : 264330124035
Status : Answered
Chosen Option : 4

Ans

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.
In a new study (1)_____in Nature Human Behaviour, we have now shown that, in 2021, (2)_____ expectancy rebounded somewhat in most western European countries (3)_____ eastern Europe and the US witnessed additional losses. However, only Norway (4) _____ its pre-pandemic life expectancy in 2021, and everywhere is worse off than it would (5) _____ have been without the pandemic.

SubQuestion No : 23

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

Ans   ✔ 1. while

         ✘ 2. as

         ✘ 3. so

         ✘ 4. behind

Question ID : 264330124036	
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.
In a new study (1)_____in Nature Human Behaviour, we have now shown that, in 2021, (2)_____ expectancy rebounded somewhat in most western European countries (3)_____ eastern Europe and the US witnessed additional losses. However, only Norway (4) _____ its pre-pandemic life expectancy in 2021, and everywhere is worse off than it would (5) _____ have been without the pandemic.

SubQuestion No : 24

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

         ✘ 1. probes

         ✘ 2. lifts

         ✔ 3. beats

         ✘ 4. clubs

Question ID : 264330124037	
Status : Answered	
Chosen Option : 3	

Ans

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.
In a new study (1)_____in Nature Human Behaviour, we have now shown that, in 2021, (2)_____ expectancy rebounded somewhat in most western European countries (3)_____ eastern Europe and the US witnessed additional losses. However, only Norway (4) _____ its pre-pandemic life expectancy in 2021, and everywhere is worse off than it would (5) _____ have been without the pandemic.

SubQuestion No : 25

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

Ans   ✘ 1. shortly

         ✔ 2. likely

         ✘ 3. nicely

         ✘ 4. bluntly

Question ID : 264330124038	
Status : Marked For Review	
Chosen Option : 2	

Section : General Intelligence

Q.1 A series is given with one term missing. Select the correct alternative from the given ones that will complete the series. ABC, EJN, IRY, ?, QHU

Ans ✗ 1. MYJ

✓ 2. MZJ

✗ 3. MZK

✗ 4. MZI

Question ID : 264330126726
Status : Answered
Chosen Option : 2

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. Aquarium : Fish :: ?

Ans ✓ 1. Hive : Honeybee

✗ 2. Aeroplane : Hangar

✗ 3. Wine : Cellar

✗ 4. Animals : Zoo

Question ID : 264330127203
Status : Answered
Chosen Option : 1

Q.3 In a certain code language, 'PROTEINS' is coded as '119127591419', 'REFLECTS' is coded as '9222115532019'. What is the code for 'SCENARIO' in that code language?

Ans ✗ 1. 8242213118951

✓ 2. 8242213118915

✗ 3. 8242113128915

✗ 4. 8242213119815

Question ID : 264330126723
Status : Answered
Chosen Option : 2

How many quadrilaterals are there in the given figure?
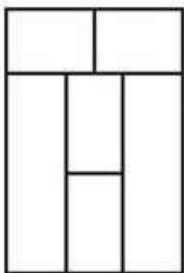
Q.4   Ans

✗ 1. 11

✓ 2. 12

✗ 3. 14

✗ 4. 13

Question ID : 264330127309
Status : Answered
Chosen Option : 1

Q.5   In the following question, select the odd letter/letters from the given alternatives.

Ans   ✔ 1. OSX

      ✘ 2. IMQ

      ✘ 3. FJN

      ✘ 4. NRV

Q.6 Select the option that is related to the sixth number in the same way as the first number is related to the second number and the third number is related to the fourth number.

11 : 81 :: 22 : 400 :: ? : 225

Ans   ✘ 1. 11

      ✘ 2. 13

      ✔ 3. 17

      ✘ 4. 15

Q.7 Select the correct mirror image of the given combination when the mirror is placed at line AB as shown.

Ans

   ✘ 1.

   ✘ 2.

   ✘ 3.

   ✔ 4.

Q.8 Select the option figure in which the given figure is embedded. (rotation is NOT allowed)

Ans

✗ 1.

✗ 2.

✗ 3.

✔ 4.
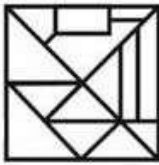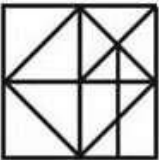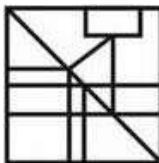
Question ID : 264330126960
Status : Answered
Chosen Option : 4

Two positions of a dice are given below. What can come on the adjacent faces of the face containing 'F' on it?
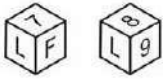
Q.9   Ans

✔ 1. 8 and L

✗ 2. 7 and 9

✗ 3. 9 and 8

✗ 4. L and 9

Question ID : 264330127357
Status : Answered
Chosen Option : 1

Q.10 If 14 A 13 A 3 = 30 and 39 A 14 A 3 = 56, then 28 A 11 A 4 = ?

Ans ✗ 1. 57

✗ 2. 40

✗ 3. 63

✔ 4. 43

Question ID : 264330126327
Status : Answered
Chosen Option : 4

Q.11 In the following question below are given some statements 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. All N are Q.
II. Some H are Q.
Conclusion:
I. Some Q are N.
II. Some Q are H.
III. Some N are H.

Ans ✗ 1. Only conclusion III follows

✔ 2. Both conclusions I and II follows

✗ 3. Only conclusion II follows

✗ 4. Both conclusions II and III follows
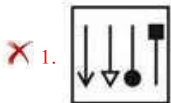
Question ID : 264330126731
Status : Answered
Chosen Option : 2

Q.12 Select the figure from the given options that can replace the question mark (?) in the following series.

Ans

✗ 1.

✗ 2.

✗ 3.

✔ 4.
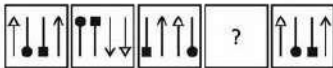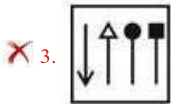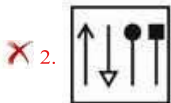
Question ID : 264330126733
Status : Answered
Chosen Option : 4

Q.13 In the following question, select the missing number from the given series. 2, 3, 5, 7, 11, ?

Ans ✗ 1. 19

✗ 2. 16

✗ 3. 20

✔ 4. 13

Question ID : 264330126325
Status : Answered
Chosen Option : 4

Q.14 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)

(36, 99, 106)
(72, 207, 214)

Ans ✗ 1. (64, 193, 200)

✗ 2. (48, 125, 132)

✓ 3. (24, 63, 70)

✗ 4. (52, 157, 164)

Q.15 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. Dog : Four :: Parrot : ?
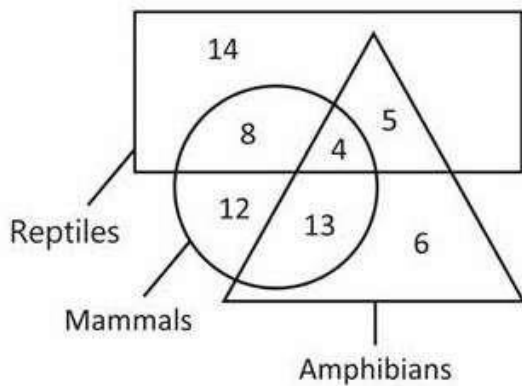
Ans ✗ 1. Seven

✗ 2. Four

✓ 3. Two

✗ 4. Six

Q.16

How many reptiles are neither mammals nor amphibians?   Ans

✗ 3. 12

✗ 4. 9

✓ 1. 14

✗ 2. 13

Q.17 Arrange the given words in the sequence in which they occur in the dictionary. 1. Taken
   2. Tactless
   3. Tackle
   4. Tactful
   5. Talent

Ans ✗ 1. 24351

   ✗ 2. 12543

   ✓ 3. 34215

   ✗ 4. 54132

Q.18 H is the sister of I. B is the mother of H. J is the daughter of R. I is the sister of J. How is R related to H?

Ans ✗ 1. Maternal Uncle

   ✗ 2. Son in law

   ✓ 3. Father

   ✗ 4. Paternal Grandfather

Q.19 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)

   ✓ 1. 108 − 1257912

   ✗ 2. 102 − 1061208

   ✗ 3. 106 − 1191016

   ✗ 4. 104 − 1124864

Ans

Q.20 In a certain code language, 'MANAGE' is coded as 'HJDQDP'. What is the code for 'LATTER' in that code language?

Ans ✓ 1. UHWWDO

   ✗ 2. UHVVDO

   ✗ 3. UHWXDO

   ✗ 4. UHWWOD

Q.21 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. Editor : Newspaper :: ?

Ans ✗ 1. Design : Architect

✗ 2. Food : Chef

✗ 3. Poem : Poet

✔ 4. Farmer : Crop

Question ID : 264330127028
Status : Answered
Chosen Option : 4

Q.22 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. 638 – 2552

✗ 2. 618 – 2472

✔ 3. 1074 – 4396

✗ 4. 508 – 2032

Question ID : 264330127020
Status : Answered
Chosen Option : 3

Q.23 Select the option figure in which the given figure is embedded. (rotation is NOT allowed)

Ans

✗ 1.

✗ 2.

✗ 3.

✔ 4.

Question ID : 264330126710
Status : Answered
Chosen Option : 4

Q.24 By Interchanging the given two numbers (Not digits) which of the following equation will be correct?
4 and 3

Ans   ✗ 1. $3 \times 4 \div 2 + 7 = 17$

     ✗ 2. $7 \times 4 + 3 \div 1 = 30$

     ✓ 3. $4 + 3 \times 7 - 2 = 29$
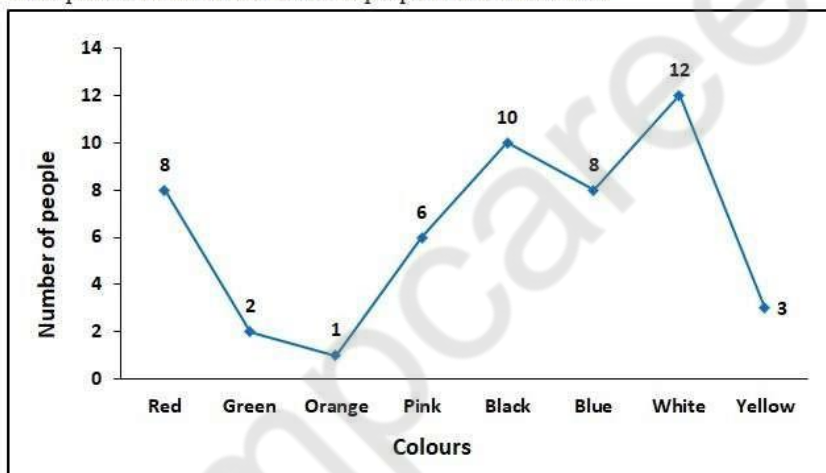
     ✗ 4. $4 \times 3 + 7 - 5 = 16$

Q.25 In the following question, select the odd word pair from the given alternatives.

Ans   ✗ 1. New Delhi – India

     ✗ 2. Beijing – China

     ✗ 3. Dhaka – Bangladesh

     ✓ 4. Lahore – Pakistan

Section : Quantitative Aptitude

Q.1   The following line graph shows the favourite colour of a group of people.
What percent of the total number of people like black colour?



Ans   ✗ 1. 50%

     ✓ 2. 20%

     ✗ 3. 10%

     ✗ 4. 33.3%

Q.2 In ΔSTU, X and Y are the points on sides ST and SU respectively. XY is parallel to TU. If SX : XT = 2 : 5 and UY = 20 cm, then what is the value of SU?

Ans
  ✗ 1. 24 cm
  ✔ 2. 28 cm
  ✗ 3. 32 cm
  ✗ 4. 26 cm

Q.3 The following pie chart reflects the total percentage of marks of 5 boys in an exam. The total marks for these boys in this the exam is 800. The marks of Rohit is how much percentage less than that of Raju ?
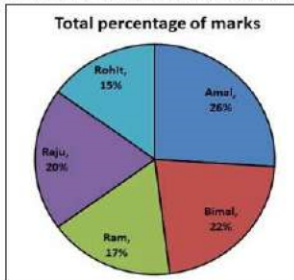
Total percentage of marks

Ans
  ✗ 1. 20%
  ✗ 2. 30%
  ✔ 3. 25%
  ✗ 4. 33.33%

Q.4 The circumference of base of a right circular cone is 88 cm. If the height of the cone is 28 cm, then what is the curved surface area of the cone?

Ans
  ✗ 1. $670\sqrt{3}$ cm^2
  ✔ 2. $616\sqrt{5}$ cm^2
  ✗ 3. $627\sqrt{3}$ cm^2
  ✗ 4. $561\sqrt{5}$ cm^2

Q.5 Two circles of radius of 6 cm each. They intersect each other such that each passes through the centre of the other. What is the length of the common chord?

Ans
  ✗ 1. $9\sqrt{3}$ cm
  ✗ 2. 12 cm
  ✔ 3. $6\sqrt{3}$ cm
  ✗ 4. 8 cm

Q.6 A person bought 80 pens at the rate of Rs. 80 per pen. He sells 40 pens at a loss of 20 percent. If profit of 20 percent is earned on the all pens together, then what will be the profit percentage on the remaining 40 pens?

Ans ✔ 1. 60 percent
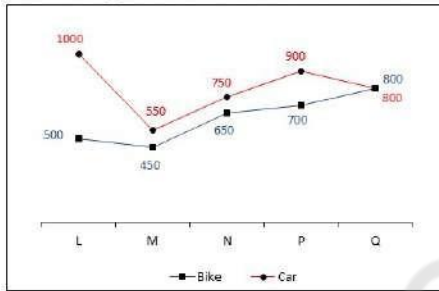
✘ 2. 80 percent

✘ 3. 70 percent

✘ 4. 90 percent

Q.7 P and Q together can complete a work in 20 days. If Q alone can complete the work in 25 days, then in how many days P alone can complete the same work?

Ans ✘ 1. 25 days

✔ 2. 100 days

✘ 3. 20 days

✘ 4. 50 days

Q.8 The line chart given below shows the sales of bikes and cars of five companies L, M, N, P and Q.

Which of the following statement is correct?

I. The sales of bikes of company L and M together is 45.88 percent of the sales of cars of company P and Q together.

II. The total sales of bikes is 77.5 percent of the total sales of cars.

Ans ✘ 1. Both I and II

✘ 2. Only I

✘ 3. Neither I nor II

✔ 4. Only II

Q.9

Circumference of a circle is 88 cm. Chord XY makes an angle of 90 degree at the circumference of this circle. What is the length of XY?

Ans

✖ 1. 42 cm

✔ 2. 28 cm

✖ 3. 14 cm

✖ 4. 21 cm

Q.10 What is the value of the expression $1 - 2 + 3 - 4 + 5 - 6 \ldots..$ to 100 terms?

Ans ✔ 1. −50

✖ 2. −55

✖ 3. −49

✖ 4. −60

Q.11

What is the value of $\dfrac{\frac{1}{1} \div \frac{1}{2} \times \frac{1}{2} + \frac{1}{2} \times \frac{1}{2} \div \frac{1}{2}}{\frac{1}{4} \times \frac{1}{4} \div \frac{1}{2} + \frac{1}{4} \div \frac{1}{4} \times \frac{1}{2} - \frac{1}{4} \div \frac{1}{2} \times \frac{1}{2}}$?

Ans ✖ 1. 8

✖ 2. 2

✔ 3. 4

✖ 4. 1

Q.12 If angle subtended by a chord on the major arc of a circle is 55 degree, then what will be the angle subtended by the same chord on the centre of the circle?

Ans ✖ 1. 125 degree

✖ 2. 140 degree

✖ 3. 135 degree

✔ 4. 110 degree

Q.13 20 percent of A's income is equal to 10 percent of B's income. If A's income is Rs. 2550, then what is B's income?

Ans
- ✗ 1. Rs. 5000
- ✗ 2. Rs. 7650
- ✔ 3. Rs. 5100
- ✗ 4. Rs. 4900

Q.14 What is the value of $\dfrac{\tan A - \sin A}{\tan A + \sin A}$?

Ans
- ✗ 1. 1
- ✗ 2. $\dfrac{\sec A + 1}{\sec A - 1}$
- ✔ 3. $\dfrac{\sec A - 1}{\sec A + 1}$
- ✗ 4. $\sec A$

Q.15 Rohit buys a ball for Rs. 700. Rohit gives two successive discount of 20 percent and 40 percent to the customer on this ball. What will be the selling price of the ball?

Ans
- ✗ 1. Rs. 372
- ✔ 2. Rs. 336
- ✗ 3. Rs. 442
- ✗ 4. Rs. 325

Q.16 The average age of 120 members of a society is 62.5 years. By addition of 30 new members, the average age becomes 58.2 years. What is the average age of newly joined members?

Ans
- ✗ 1. 40 years
- ✔ 2. 41 years
- ✗ 3. 39 years
- ✗ 4. 42 years

Q.17 Rahul spends some part of his income and saves the remaining part. The ratio of his expenditure and saving is 5 : 4. If Rahul's income is Rs. 36000, then what will be his expenditure?

Ans ✗ 1. Rs. 15000

✗ 2. Rs. 25000

✔ 3. Rs. 20000

✗ 4. Rs. 16000

Q.18 If $cos\ B = \frac{5}{9}$, then what is the value of cosec B?

Ans ✔ 1. $\frac{9}{2\sqrt{14}}$

✗ 2. $\frac{9}{\sqrt{14}}$

✗ 3. $\frac{4}{\sqrt{14}}$

✗ 4. $\frac{5}{\sqrt{14}}$

Q.19 A sum of money at simple interest amounts to Rs.403 in 3 years at the rate of 10% per annum. What is the value of the sum?

Ans ✗ 1. Rs.400

✗ 2. Rs.380

✔ 3. Rs.310

✗ 4. Rs.345

Q.20 If $x^4 + \frac{1}{x^4} = 47$, then what is the value of $x^3 + \frac{1}{x^3}$?

Ans ✔ 1. 18

✗ 2. 9

✗ 3. 27

✗ 4. 36

Q.21 Average weight of 20 persons is 60 kg. A new person joins the group and average weight of 21 persons becomes 59 kg. What will be the weight of new person?

Ans ✗ 1. 41 kg

✗ 2. 29 kg

✓ 3. 39 kg

✗ 4. 40 kg

Question ID : 264330126466
Status : Answered
Chosen Option : 3

Q.22 What is $\sqrt{(1-\sin A)}/\sqrt{(1+\sin A)}$?

Ans ✗ 1. $\sec^2 A$

✗ 2. $\sec A + \tan A$

✗ 3. $\tan^2 A$

✓ 4. $\sec A - \tan A$

Question ID : 264330128384
Status : Answered
Chosen Option : 4

Q.23 If $K + \frac{1}{K} - 2 = 0$ and $K > 0$, then what is the value of $K^{17} + \frac{1}{K^{12}}$?

Ans ✓ 1. 2

✗ 2. 1

✗ 3. 0

✗ 4. 12

Question ID : 264330127727
Status : Answered
Chosen Option : 1

Q.24 A car covers a distance of 40 km in 24 minutes. If its speed is decreased by 40 km/hr, then what will be the time taken by it to cover the same distance?

Ans ✗ 1. 48 minutes

✗ 2. 36 minutes

✗ 3. 45 minutes

✓ 4. 40 minutes

Question ID : 264330127715
Status : Answered
Chosen Option : 4

Q.25 The table given below shows production of car by two companies J and K in 5 years.

	Companies	
Years	J	K
A	120	50
B	80	60
C	40	120
D	30	100
E	20	70

L1 = The total production of car by J in all years.

L2 = The total production of car by K in all years.

What is the value of (L2 – L1)?

Ans ✔ 1. 110

✗ 2. 90

✗ 3. 70

✗ 4. 140

Section : General awareness

Q.1 Which of the following statement is correct regarding large dams?
I. They have social problems because they displace large number of peasants and tribals without adequate compensation or rehabilitation.
II. They have Environmental problems because they contribute enormously to deforestation and the loss of biological diversity.

Ans ✗ 1. Only I

✔ 2. Both I and II

✗ 3. Only II

✗ 4. Neither I nor II

Q.2 Which among the following companies fired about 300 employees under allegations of moonlighting in September 2022?

Ans ✗ 1. MindTree

✗ 2. Amazon India

✔ 3. Wipro

✗ 4. Microsoft India

Q.3 Which of the following two teams played in the final match of season 8 of PKL?

Ans ✔ 1. Dabang Delhi vs. Patna Pirates

✘ 2. Bengal Warriors vs. Patna Pirates

✘ 3. Dabang Delhi vs. Bengal Warriors

✘ 4. Dabang Delhi vs. Bengaluru Bulls

Question ID : 264330125131
Status : Not Answered
Chosen Option : --

Q.4 Which famous male lawn tennis player retired in September 2022?

Ans ✔ 1. Roger Federer

✘ 2. Rafael Nadal

✘ 3. Novak Djokovic

✘ 4. Carlos Alcaraz

Question ID : 264330125482
Status : Answered
Chosen Option : 1

Q.5 In India, what is the total length of the coastline of the mainland, including Andaman and Nicobar and Lakshadweep?

Ans ✘ 1. 8,514.4 km

✘ 2. 7,818.7 km

✔ 3. 7,516.6 km

✘ 4. 8,123.1 km

Question ID : 264330125095
Status : Answered
Chosen Option : 1

Q.6 Who is famously known as sitar maestro in India?

Ans ✘ 1. Maharshi Patanjali

✔ 2. Pt. Ravi Shankar

✘ 3. Ustad Bismillah khan

✘ 4. Sitara Devi

Question ID : 264330124786
Status : Answered
Chosen Option : 2

Q.7 Which Indian financial institution protects investors in a stock market?

Ans ✘ 1. Bombay Stock Exchange

✘ 2. Reserve Bank of India

✔ 3. Securities and Exchange Board of India

✘ 4. National Stock Exchange

Question ID : 264330125466
Status : Answered
Chosen Option : 3

Q.8   Which of the following was the capital of Pallavas?

Ans   ✗ 1. Aihole

      ✗ 2. Puhar

      ✗ 3. Raichur Doab

      ✓ 4. Kanchipuram

Question ID : 264330124824
Status : Answered
Chosen Option : 1

Q.9   The Industrial Policy Resolution of 1956 formed the basis of the _____.

Ans   ✗ 1. Fifth Five Year plan

      ✓ 2. Second Five Year plan

      ✗ 3. Fourth Five Year plan

      ✗ 4. Third Five Year plan

Question ID : 264330124815
Status : Answered
Chosen Option : 2

Q.10 Which of the following colloid is an example of foam?

      ✓ 1. Sponge

      ✗ 2. Butter

      ✗ 3. Cheese

      ✗ 4. Mist

Question ID : 264330124817
Status : Answered
Chosen Option : 1

Ans

Q.11 Which of the following shortcut key is used to switch to print preview in MS-Word 365? Ans   ✗ 1. Ctrl + Alt + P

      ✓ 2. Ctrl + Alt + I

      ✗ 3. Alt + P

      ✗ 4. Alt + I

Question ID : 264330124809
Status : Answered
Chosen Option : 1

Q.12 Which state among the following has the largest reserves of gold ore in India as of 2021?

Ans   ✗ 1. Jharkhand

      ✗ 2. Rajasthan

      ✓ 3. Bihar

      ✗ 4. Karnataka

Question ID : 264330125621
Status : Answered
Chosen Option : 4

Q.13 Which river of India drains into Bay of Bengal?

Ans ✗ 1. Mahi

✗ 2. Narmada

✔ 3. Godavari

✗ 4. Tapi

Question ID : 264330125397
Status : Answered
Chosen Option : 3

Q.14 What is used for holding program instructions that can't be changed throughout the life of the computer?

Ans ✔ 1. ROM

✗ 2. Register

✗ 3. RAM

✗ 4. Cache

Question ID : 264330125383
Status : Answered
Chosen Option : 3

Q.15 The famous monument, Aram Bagh, was built by Babur. It is located in _____.

✗ 1. Delhi

✔ 2. Uttar Pradesh

✗ 3. Madhya Pradesh

✗ 4. Bihar

Question ID : 264330125585
Status : Answered
Chosen Option : 2

Ans

Q.16 In which state did PM Narendra Modi laid the foundation stone for Bulk Drug Park in October 2022?

Ans ✗ 1. Bihar

✔ 2. Himachal Pradesh

✗ 3. Punjab

✗ 4. Uttarakhand

Question ID : 264330125464
Status : Not Answered
Chosen Option : --

Q.17 Which of the following comes under Union List of 7th schedule of the Indian constitution?

Ans ✗ 1. Public Health and sanitation

✗ 2. Public order

✗ 3. Hospitals and dispensaries

✔ 4. Establishment of standards of weight and measure

Question ID : 264330124829
Status : Not Answered
Chosen Option : --

Q.18 Who led the Battle of Plassey on behalf of the British East India Company?

Ans ✗ 1. Charles Stuart

✗ 2. Warren Hastings

✓ 3. Robert Clive

✗ 4. James Lancaster

Question ID : 264330125400
Status : Answered
Chosen Option : 3

Q.19 Which Indian writer wrote the famous book "Mansarovar"?

Ans ✗ 1. Gita Sahgal

✗ 2. Ram Prasad Bismil

✓ 3. Premchand

✗ 4. Yashpal

Question ID : 264330125626
Status : Answered
Chosen Option : 3

Q.20 At high doses, _____ kills cancer cells or slows their growth by damaging their DNA. Cancer cells whose DNA is damaged beyond repair stop dividing or die. When the damaged cells die, they are broken down and removed by the body.

✗ 1. Chemotherapy

✓ 2. Radiation therapy

✗ 3. Surgery

✗ 4. Physiotherapy

Question ID : 264330125468
Status : Answered
Chosen Option : 2

Ans

Q.21 Which of the following articles of the Indian Constitution is related to the writ of the High Courts?

Ans ✗ 1. 32

✗ 2. 126

✗ 3. 76

✓ 4. 226

Question ID : 264330125403
Status : Answered
Chosen Option : 4

Q.22 Which of the following rivers originates in Rajasthan?

Ans ✗ 1. Mahi

✗ 2. Narmada

✗ 3. Tapi

✓ 4. Banas

Question ID : 264330125473
Status : Answered
Chosen Option : 4

Q.23 Which team won the 2021–22 I–League?

Ans   ✗ 1. Neroca FC

    ✗ 2. Mohammedan SC

    ✓ 3. Gokulam Kerala FC

    ✗ 4. Rajasthan United

Question ID : 264330125306
Status : Not Answered
Chosen Option : --

Q.24 Which of the following has revamped the E-Baal Nidan online portal in September 2022?

Ans   ✗ 1. UNICEF India

    ✓ 2. National Commission for Protection of Child Rights

    ✗ 3. NITI Aayog

    ✗ 4. Ministry of women and child development

Question ID : 264330125087
Status : Not Answered
Chosen Option : --

Q.25 Who is famously known as the father of Indian nuclear programme?

Ans   ✓ 1. Homi J. Bhabha

    ✗ 2. Vikram Sarabhai

    ✗ 3. C. V. Raman

    ✗ 4. Venkatraman Radhakrishnan

Question ID : 264330125477
Status : Answered
Chosen Option : 1