SSC CHSL 2023 Tier 1 August 9 Shift 2 Question Paper with Answers

Roll Number	
Candidate Name	
Exam Date	09/08/2023
Exam Time	11:45 AM - 12:45 PM
Subject	CHSL Exam 2023 Tier I

Section : **English Language**

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

Contemplate

Ans ✗ 1. Ruminate

✓ 2. Disregard

✗ 3. Meditate

✗ 4. Retract

Question ID : **264330144359**
Status : **Answered**
Chosen Option : **2**

Q.2 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**
I have the bestest placement offer among all my classmates.

Ans ✓ 1. the best

✗ 2. the better

✗ 3. more good

✗ 4. good

Question ID : **264330144818**
Status : **Answered**
Chosen Option : **1**

Q.3 **Select the most appropriate meaning of the given idiom.**
Fallen flat

Ans ✗ 1. To do something ultimately

✓ 2. To fail or be ineffective

✗ 3. To resolve

✗ 4. To fall on the ground

Question ID : **264330147600**
Status : **Answered**
Chosen Option : **2**

Q.4 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.
A. Some residents saw this as an opportunity for growth and prosperity, while others feared that it would destroy the town's unique character.
B. The small town of Millfield was known for its charming Main Street, where locals and visitors alike could stroll among the quaint shops and cafes.
C. The debate grew heated, and tensions rose as the town struggled to decide its future.
D. One day, a large corporation announced its plans to build a massive shopping centre on the outskirts of town.

Ans ✔ 1. BDAC

✘ 2. CBDA

✘ 3. DCBA

✘ 4. BACD

Question ID : **264330144205**

Status : **Answered**

Chosen Option : **1**

Q.5 Select the most appropriate idiom for the given situation.

Mayank was speaking a lot about honesty, but when Rita reminded him about the money paid to him for the work, he behaved cowardly and left the place.

Ans ✘ 1. Flogging a dead horse

✘ 2. Gliding the pill

✘ 3. Falling flat

✔ 4. Going with his tail between his legs

Question ID : **264330144120**

Status : **Answered**

Chosen Option : **2**

Q.6 Parts of the following sentence have been given as options. Select the option that contains an error.

There was a saying that they're their own enemies with negligble reason to be shared.

Ans ✘ 1. There

✔ 2. negligble

✘ 3. they're

✘ 4. their

Question ID : **264330144263**

Status : **Answered**

Chosen Option : **2**

Q.7 Select the most appropriate synonym of the underlined word in the given sentence.

During lockdown, the government and NGOs tried their best to look after people who were <u>destitute</u>.

Ans ✔ 1. impoverished

✖ 2. elite

✖ 3. haughty

✖ 4. patriotic

Question ID : **264330144247**

Status : **Answered**

Chosen Option : **1**

Q.8 Select the INCORRECTLY spelt word.

Ans ✖ 1. Acquiesce

✖ 2. Artificial

✖ 3. Conscientious

✔ 4. Mischievious

Question ID : **264330143951**

Status : **Answered**

Chosen Option : **1**

Q.9 Select the most appropriate option that can substitute the underlined words in the following sentence.

The people who live here have had the same kind of lifestyle <u>until hundreds of years</u>.

Ans ✖ 1. through hundreds of year

✔ 2. for hundreds of years

✖ 3. although hundreds of years

✖ 4. since hundreds of year

Question ID : **264330148939**

Status : **Answered**

Chosen Option : **2**

Q.10 Select the option that expresses the given sentence in active voice.
Was the book written by an unknown author?

Ans ✖ 1. Did the book write an unknown author?

✖ 2. Was the book not written by an unknown author?

✖ 3. Was the unknown author reading the book?

✔ 4. Did an unknown author write the book?

Question ID : **264330149483**

Status : **Answered**

Chosen Option : **4**

Q.11 Select the most appropriate synonym of the underlined word in the given sentence.

He was put behind bars for his act of <u>forgery</u>.

Ans ✗ 1. murdering

✓ 2. counterfeiting

✗ 3. coaxing

✗ 4. embezzling

Question ID : **264330144248**

Status : **Answered**

Chosen Option : **2**

Q.12 Select the most appropriate synonym of the given word.

Indispensable

Ans ✗ 1. Memorable

✗ 2. Eternal

✓ 3. Essential

✗ 4. Forceful

Question ID : **264330143169**

Status : **Answered**

Chosen Option : **3**

Q.13 Select the option that can be used as a one-word substitute for the given group of words.
An amount of money that is paid at one time

Ans ✗ 1. Advanced amount

✗ 2. Credit

✓ 3. Lump sum

✗ 4. Mortgage

Question ID : **264330149861**

Status : **Answered**

Chosen Option : **3**

Q.14 Select the most appropriate ANTONYM of the underlined word in the given sentence.

Your views related to morality are outdated and <u>puritanical</u>.

Ans ✗ 1. orthodox

✗ 2. prudish

✓ 3. permissive

✗ 4. blasphemous

Question ID : **264330144259**

Status : **Answered**

Chosen Option : **2**

Q.15 Select the most appropriate option that expresses the given sentence in passive voice.

The company will release the new product next month.

Ans ✔ 1. The new product will be released by the company next month.

✘ 2. The new product will release by the company next month.

✘ 3. The new product will be releasing by the company next month.

✘ 4. The new product is released by the company next month.

Question ID : **264330144183**

Status : **Answered**

Chosen Option : **1**

Q.16 Select the option that can be used as a one-word substitute for the underlined group of words in the following sentence.

She is really interested in <u>the study of religion</u>.

Ans ✔ 1. theology

✘ 2. philology

✘ 3. lexicography

✘ 4. psephology

Question ID : **264330150769**

Status : **Answered**

Chosen Option : **1**

Q.17 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Can you make / sure you have / a correct address / before you start driving?

Ans ✘ 1. Can you make

✘ 2. sure you have

✔ 3. a correct address

✘ 4. before you start driving

Question ID : **264330148951**

Status : **Answered**

Chosen Option : **1**

Q.18 Select the most appropriate option that can be used as a one-word substitute for the underlined segment in the following sentence.

The basketball player was a formidable opponent because he was <u>able to use both his left and right hands equally well</u>.

Ans ✘ 1. equipoised

✘ 2. dexterous

✔ 3. ambidextrous

✘ 4. ambivalent

Question ID : **264330148910**

Status : **Answered**

Chosen Option : **3**

Q.19 Select the most appropriate ANTONYM of the given word.

Harmony

Ans   ✘ 1. Uniformity

   ✘ 2. Cognizance

   ✔ 3. Discordance

   ✘ 4. Relegation

Q.20 Select the most appropriate option to substitute the underlined segment in the following sentence.

All colleagues of Rohit except Joseph <u>have commemorated the elective courses</u> they are planning to offer.

Ans   ✔ 1. have considered the elective courses

   ✘ 2. have castigated the elective courses

   ✘ 3. have constipated the elective courses

   ✘ 4. have commiserated the elective courses

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Speech is a great (1)_____ , but it can be a great curse, for, while it helps us to make our desire and intentions known to our fellows, it can also, if we use it carelessly, make our attitude completely misunderstood. A slip of the (2)_____ , the use of an unusual or an ambiguous word, and so on, may create an enemy where we had hoped to win a friend. Again, different classes of people use different (3)_____ , and the ordinary speech of an educated man may strike an uneducated listener as showing pride. Unwittingly, we may use a word which bears a different meaning for our listener from what it does to men of our own class. Thus, speech is not a gift to use lightly without thought, but one which demands (4)_____ handling; only a fool will express himself alike to all kinds and conditions of men. Thus, speech is a valuable gift but if not used in a proper way , may cause misunderstanding. Since different classes use different words, we must use speech carefully to avoid being (5)_____ .

SubQuestion No : 21

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

Ans   ✔ 1. blessing

   ✘ 2. articulation

   ✘ 3. protection

   ✘ 4. art

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Speech is a great (1)_____ , but it can be a great curse, for, while it helps us to make our desire and intentions known to our fellows, it can also, if we use it carelessly, make our attitude completely misunderstood. A slip of the (2)_____ , the use of an unusual or an ambiguous word, and so on, may create an enemy where we had hoped to win a friend. Again, different classes of people use different (3)_____ , and the ordinary speech of an educated man may strike an uneducated listener as showing pride. Unwittingly, we may use a word which bears a different meaning for our listener from what it does to men of our own class. Thus, speech is not a gift to use lightly without thought, but one which demands (4)_____ handling; only a fool will express himself alike to all kinds and conditions of men. Thus, speech is a valuable gift but if not used in a proper way , may cause misunderstanding. Since different classes use different words, we must use speech carefully to avoid being (5)_____ .

SubQuestion No : 22

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

Ans ✔ 1. tongue

✘ 2. ear

✘ 3. word

✘ 4. pen

Question ID : **264330147594**

Status : **Answered**

Chosen Option : **1**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Speech is a great (1)_____ , but it can be a great curse, for, while it helps us to make our desire and intentions known to our fellows, it can also, if we use it carelessly, make our attitude completely misunderstood. A slip of the (2)_____ , the use of an unusual or an ambiguous word, and so on, may create an enemy where we had hoped to win a friend. Again, different classes of people use different (3)_____ , and the ordinary speech of an educated man may strike an uneducated listener as showing pride. Unwittingly, we may use a word which bears a different meaning for our listener from what it does to men of our own class. Thus, speech is not a gift to use lightly without thought, but one which demands (4)_____ handling; only a fool will express himself alike to all kinds and conditions of men. Thus, speech is a valuable gift but if not used in a proper way , may cause misunderstanding. Since different classes use different words, we must use speech carefully to avoid being (5)_____ .

SubQuestion No : 23

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

Ans ✘ 1. context

✘ 2. reference

✘ 3. meanings

✔ 4. vocabularies

Question ID : **264330147595**

Status : **Answered**

Chosen Option : **4**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Speech is a great (1)_____ , but it can be a great curse, for, while it helps us to make our desire and intentions known to our fellows, it can also, if we use it carelessly, make our attitude completely misunderstood. A slip of the (2)_____ , the use of an unusual or an ambiguous word, and so on, may create an enemy where we had hoped to win a friend. Again, different classes of people use different (3)_____ , and the ordinary speech of an educated man may strike an uneducated listener as showing pride. Unwittingly, we may use a word which bears a different meaning for our listener from what it does to men of our own class. Thus, speech is not a gift to use lightly without thought, but one which demands (4)_____ handling; only a fool will express himself alike to all kinds and conditions of men. Thus, speech is a valuable gift but if not used in a proper way , may cause misunderstanding. Since different classes use different words, we must use speech carefully to avoid being (5)_____ .

SubQuestion No : 24

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

Ans ✘ 1. firm

   ✘ 2. attentive

   ✔ 3. careful

   ✘ 4. serious

Question ID : **264330147596**
Status : **Answered**
Chosen Option : **3**

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Speech is a great (1)_____ , but it can be a great curse, for, while it helps us to make our desire and intentions known to our fellows, it can also, if we use it carelessly, make our attitude completely misunderstood. A slip of the (2)_____ , the use of an unusual or an ambiguous word, and so on, may create an enemy where we had hoped to win a friend. Again, different classes of people use different (3)_____ , and the ordinary speech of an educated man may strike an uneducated listener as showing pride. Unwittingly, we may use a word which bears a different meaning for our listener from what it does to men of our own class. Thus, speech is not a gift to use lightly without thought, but one which demands (4)_____ handling; only a fool will express himself alike to all kinds and conditions of men. Thus, speech is a valuable gift but if not used in a proper way , may cause misunderstanding. Since different classes use different words, we must use speech carefully to avoid being (5)_____ .

SubQuestion No : 25

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

Ans ✘ 1. praised

   ✘ 2. criticised

   ✔ 3. misunderstood

   ✘ 4. condemned

Question ID : **264330147597**
Status : **Answered**
Chosen Option : **3**

Section : **General Intelligence**

Q.1 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

M

jRi59nB|

N

Ans
  ✗ 1. Bn62iR¡
  ✗ 2. 8ne2iR¡
  ✗ 3. 8neS¡R¡
  ✓ 4. 8ne2iR¡

Question ID : 264330146688
Status : **Answered**
Chosen Option : **4**

Q.2 Select the term from the given options that can replace the question mark (?) in the given series to make it logically complete.
ZJ 10, ?, XH 40, WG 80, VF 160

Ans
  ✗ 1. ZJ 21
  ✓ 2. YI 20
  ✗ 3. ZG 22
  ✗ 4. YH 22

Question ID : 264330147491
Status : **Answered**
Chosen Option : **2**

Q.3 Three of the following four are alike in a certain way and thus form a group. Which is the one that does NOT belong to that group?

Ans
  ✗ 1. JMN
  ✗ 2. HKL
  ✓ 3. CGH
  ✗ 4. PST

Question ID : 264330151975
Status : **Answered**
Chosen Option : **3**

Q.4 The second number in the given number pairs is obtained by performing certain mathematical operations(s) on the first number. The same operation(s) are followed in all the number pairs except one. Find that odd number pair.

Ans
  ✗ 1. 5 : 13
  ✓ 2. 2 : 6
  ✗ 3. 3 : 9
  ✗ 4. 6 : 15

Question ID : 264330147129
Status : **Answered**
Chosen Option : **3**

Q.5 What should come in place of the question mark (?) in the given series?

42   30   ?   12   6   2

Ans   ✗ 1. 24

   ✔ 2. 20

   ✗ 3. 18

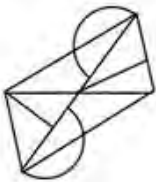   ✗ 4. 22

Q.6 In a certain code language,

A + B means 'A is the mother of B',
A – B means 'A is the brother of B',
A × B means 'A is the wife of B',
A ÷ B means 'A is the father of B'.

based on the above, how is K related to M if 'J × K − L ÷ M + N'?

Ans   ✗ 1. Mother's husband

   ✗ 2. Wife's father

   ✔ 3. Father's brother

   ✗ 4. Brother's wife

Q.7 Identify the number of triangles in the given figure.

Ans   ✔ 1. 12

   ✗ 2. 13

   ✗ 3. 10

   ✗ 4. 11

Q.8 The position of how many letters will remain unchanged if each of the letters in the word HEARING is arranged in alphabetical order?

Ans ✔ 1. Three
✖ 2. One
✖ 3. Two
✖ 4. None

Question ID : 264330146880
Status : **Answered**
Chosen Option : **1**

Q.9 What will come in the place of the question mark (?) in the following equation if '÷' and '−' are interchanged and '×' and '+' are interchanged?
$5 ÷ 8 + 4 × 2 − 9 = ?$

Ans ✖ 1. 55
✖ 2. 43
✔ 3. 47
✖ 4. 27

Question ID : 264330151029
Status : **Answered**
Chosen Option : **3**

Q.10 In a certain code language,
A & B means A is the wife of B,
A / B means A is the brother of B,
A × B means A is the sister of B,
A − B means A is the father of B.
Based on the above, how is L related to K in L / M × D − K?

Ans ✖ 1. Father
✖ 2. Mother's sister
✖ 3. Mother
✔ 4. Father's brother

Question ID : 264330152101
Status : **Answered**
Chosen Option : **4**

Q.11 34 is related to 15 following a certain logic. Following the same logic, 44 is related to 20. To which of the following is 52 related to, following the same logic?

Ans ✖ 1. 32
✖ 2. 54
✖ 3. 20
✔ 4. 24

Question ID : 264330147358
Status : **Answered**
Chosen Option : **4**

Q.12 What should come in place of the question mark (?) in the given series?

816, 774, 734, ?, 660

Ans ✗ 1. 688

✗ 2. 697

✔ 3. 696

✗ 4. 682

Q.13 Read the given statements and conclusions carefully. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which conclusions logically follow/s from the given statements.
Statements:
All napkins are whisks.
Some whisks are kettles.
No kettle is a bowl.
Conclusions:
(I): Some napkins are whisks.
(II): Some kettles are whisks.

Ans ✗ 1. Neither conclusion (I) nor (II) follows

✔ 2. Both conclusions (I) and (II) follow

✗ 3. Only conclusion (I) follows

✗ 4. Only conclusion (II) follows

Q.14 AJK is related to BKL in a certain way based on the English alphabetical order. In the same way, DOT is related to EPU. To which of the following is PJO related following the same logic?

Ans ✔ 1. QKP

✗ 2. PKQ

✗ 3. OJP

✗ 4. RLQ

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

K_MNLO_KM_KHNUJ_

Ans   ✗ 1. ELRO

   ✗ 2. REST

   ✗ 3. LROE

   ✓ 4. LLRE

Question ID : 264330146746
Status : **Answered**
Chosen Option : **3**

Q.16 Select the triad in which the numbers are related in the same way as are the numbers of the following triads.

14 - 15 - 145

12 - 27 - 195

(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. 25 - 21 - 670

   ✓ 2. 17 - 31 - 240

   ✗ 3. 11 - 19 - 230

   ✗ 4. 12 - 52 - 450

Question ID : 264330147367
Status : **Answered**
Chosen Option : **2**

Q.17 If 16 June 2001 is Saturday, then what will be the day of the week on 21 June 2009?

Ans   ✗ 1. Saturday

   ✗ 2. Monday

   ✓ 3. Sunday

   ✗ 4. Friday

Question ID : 264330147179
Status : **Answered**
Chosen Option : **3**

Q.18 In a certain code language, 'CRAMP' is coded as '29715' and 'MACRO' is coded as '52397'. What is the code for 'P' in the given code language?

Ans   ✗ 1. 2

   ✓ 2. 1

   ✗ 3. 7

   ✗ 4. 3

Question ID : 264330147194
Status : **Answered**
Chosen Option : **2**

Q.19 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the one that is different.

(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.)

14 : 210

25 : 650

11 : 132

19 : 342

Ans ✗ 1. 14 : 210

✗ 2. 25 : 650

✗ 3. 11 : 132

✔ 4. 19 : 342

Q.20 Find out the correct alternative that when filled in the blanks in the same sequence will make the series logically complete.

RD_W   S_MS   TZP_   U_SK   _VVG

Ans ✗ 1. KAOYV

✗ 2. GAOZU

✔ 3. JBOXV

✗ 4. KBNXU

Q.21 Which number will replace the question mark (?) to complete the given series?

2, 5, 10, 17, 26, 37, 50, ?

Ans ✗ 1. 67

✗ 2. 61

✗ 3. 63

✔ 4. 65

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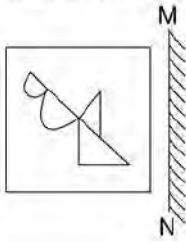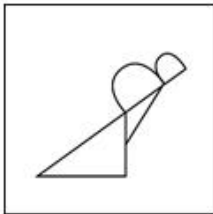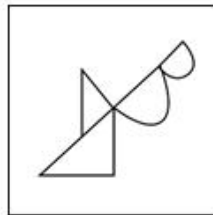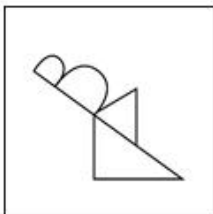

Ans

  ✗ 1.
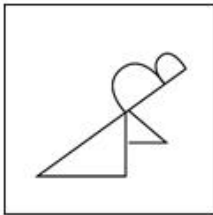
  ✗ 2.

  ✔ 3.

  ✗ 4.

Question ID : **264330146489**
Status : **Answered**
Chosen Option : **3**

Q.23 Which letter-cluster should come in place of ? in the given series based on the English alphabetical order?

JPW, IRV, HTU, GVT, ?
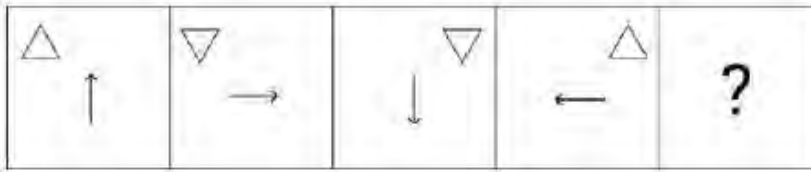
Ans   ✔ 1. FXS

  ✗ 2. GYS

  ✗ 3. GYR

  ✗ 4. HXR

Question ID : **264330147074**
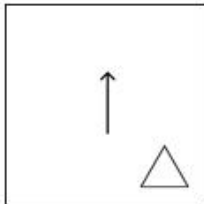Status : **Answered**
Chosen Option : **1**

Q.24 Identify the figure given in the options which when put in place of the question mark (?) will logically complete the series.
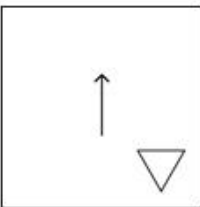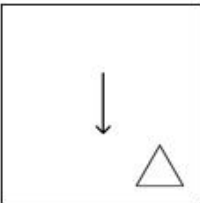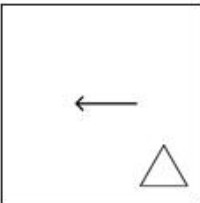

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.

Q.25 In a certain code language, HPRM is written as OWYT and JRTO is written as QYAV. How will ELNJ be written in that language?

Ans

✘ 1. LTVQ

✔ 2. LSUQ

✘ 3. LQSP

✘ 4. LRTP

Section : **Quantitative Aptitude**

Q.1 Ravi initially had a certain number of chocolates. while Bhanu initially had 80% of the number of chocolates that Ravi initially had. Ravi gave 10% of his chocolates to his sister while Bhanu received from his uncle another 35% of the number of chocolates he initially had. If Bhanu finally had 54 chocolates, how many chocolates did Ravi give to his sister?

Ans   ✗ 1.   3

      ✗ 2.   6

      ✔ 3.   5

      ✗ 4.   4

Q.2 During a donation drive week of school, students determined to donate an average sum of ₹8,000 on each working day of the School, collectively (there was no holiday in the donation week except Sunday). From Monday to Friday, they collected ₹7,230, ₹6,435, ₹6,927, ₹6,855, and ₹6,562, respectively. How much they must collect on Saturday to meet their target?

Ans   ✗ 1.   ₹6,991

      ✔ 2.   ₹13,991

      ✗ 3.   ₹6,000

      ✗ 4.   ₹4,991

Q.3 A shopkeeper allows a 12% additional discount on an initial discount of 20% for a shirt. If he sells the shirt at ₹704, then the marked price is:

Ans   ✗ 1.   ₹788.48

      ✗ 2.   ₹800

      ✔ 3.   ₹1,000

      ✗ 4.   ₹844.88

Q.4 If 300 calories are burnt in every 5 km, how many calories were burnt in the whole week?

Week days	Distance jogged (km)
Sunday	2.5
Monday	4.0
Tuesday	2.5
Wednesday	3.5
Thursday	1.5
Friday	2.5
Saturday	1.5

Ans ✔ 1. 1080 calories

✘ 2. 1410 calories

✘ 3. 5400 calories

✘ 4. 1310 calories

Q.5 Two circles touch each other externally at points P and AB is a direct common tangent which touches the circles at A and B, respectively. ∠APB is:

Ans ✔ 1. 90°

✘ 2. 45°

✘ 3. 100°

✘ 4. 80°

Q.6 Simplify the given expression.

$$\frac{0.24 \times 0.24 \times 0.24 - 0.008}{0.24 \times 0.24 + 0.048 + 0.04}$$

Ans ✔ 1. 0.04

✘ 2. 0.02

✘ 3. 0.01

✘ 4. 0.03

Q.7 Sneha fixes the marked price of an item 40% above its cost price. What is the percentage of discount allowed to gain 12%?

Ans ✗ 1. 34%

✗ 2. 40%

✔ 3. 20%

✗ 4. 25%

Question ID : **264330149421**

Status : **Answered**

Chosen Option : **3**

Q.8 The given expression is equal to: $\dfrac{\sin^4 A + \cos^4 A}{1 - 2\sin^2 A \cos^2 A}$

Ans ✔ 1. 1

✗ 2. −1

✗ 3. 0

✗ 4. 2

Question ID : **264330148111**

Status : **Answered**

Chosen Option : **1**

Q.9 Let ABC and PQR be two congruent right-angled triangles such that $\angle A = \angle P = 90°$. If BC = 13 cm and PR = 12 cm, then find the length of AB..

Ans ✗ 1. 25 cm

✗ 2. 20 cm

✗ 3. 10 cm

✔ 4. 5 cm

Question ID : **264330148153**

Status : **Answered**

Chosen Option : **4**

Q.10 A money-lender claims he lends money at a simple rate of interest of 8% per annum. But he cleverly includes the interest amount in the principal when he calculates it every six months. The effective rate of interest becomes:

Ans ✔ 1. 8.16%

✗ 2. 8.2%

✗ 3. 8.8%

✗ 4. 8.25%

Question ID : **264330151113**

Status : **Answered**

Chosen Option : **1**

Q.11 If cot A = $\frac{5}{12}$, find the value of the following expression.

$$\frac{5(1 - \cos^2 A)}{6(1 - \sin^2 A)}$$

Ans

✗ 1. $\frac{144}{5}$

✗ 2. $\frac{24}{25}$

✗ 3. $\frac{144}{25}$

✓ 4. $\frac{24}{5}$

Question ID : **264330147689**

Status : **Answered**

Chosen Option : **4**

Q.12 A train travelling from Mumbai to Goa covered the first 420 km at a speed of 60 km/h and then covered the remaining 195 km at a speed of 65 km/h. Find its average speed in km/h.

Ans

✗ 1. 63.5

✓ 2. 61.5

✗ 3. 62

✗ 4. 62.3

Question ID : **264330148749**

Status : **Answered**

Chosen Option : **2**

Q.13 The pie chart shows the angular representation of placement data in five different courses. If the total number of candidates qualified is 1,44,000, then the number of candidates in Q is what per cent of candidates in S? (Rounded off to 2 decimal places)

Angular representation
of Placement data (in
degrees)

35

60

75

110

90

■ P   ■ Q   ■ R   ● S   ■ T
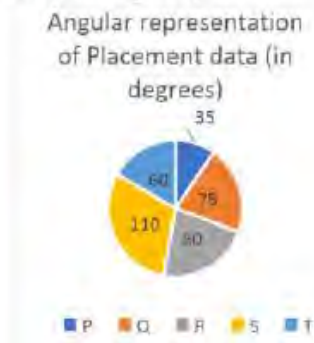
Ans

✗ 1. 68.16%

✗ 2. 68.12%

✓ 3. 68.18%

✗ 4. 68.15%

Question ID : **264330148896**

Status : **Answered**

Chosen Option : **3**

Q.14 The marked price of a saree is ₹3,800 and it is available for ₹3,230. What is the rate of discount?

Ans ✗ 1. 10%

✗ 2. 18%

✗ 3. 12%

✓ 4. 15%

Question ID : **264330150535**
Status : **Answered**
Chosen Option : **4**

Q.15 The mean proportion of 6 and 54 is:

Ans ✗ 1. 6

✗ 2. 9

✗ 3. 12

✓ 4. 18

Question ID : **264330148089**
Status : **Answered**
Chosen Option : **4**

Q.16 In a right-angled triangle XYZ, if X = 60° and Y = 30°, then find the value of sin (X − Y).

Ans ✗ 1. $\frac{3}{5}$

✓ 2. $\frac{1}{2}$

✗ 3. $\frac{3}{4}$

✗ 4. $\frac{2}{3}$

Question ID : **264330151131**
Status : **Answered**
Chosen Option : **2**

Q.17 What will be the greatest number 32a78b, which is divisible by 3 but NOT divisible by 9? (Where a and b are single digit number).

Ans ✗ 1. 324781

✗ 2. 329787

✗ 3. 326787

✓ 4. 329784

Question ID : **264330147819**
Status : **Answered**
Chosen Option : **2**

Q.18 A solid cuboid is melted to form a number of cubes. If the length, breadth and height of a cuboid are 20 cm, 16 cm and 8 cm, and the edge of each cube is 4 cm, then the number of cubes is:

Ans
✗ 1. 50
✗ 2. 44
✔ 3. 40
✗ 4. 48

Q.19 The cost price of 240 articles is the same as the selling price of x articles. If profit is 20%, find the value of x.

Ans
✔ 1. 200
✗ 2. 21
✗ 3. 180
✗ 4. 240

Q.20 If $(a + b + c) = 17$, and $(a^2 + b^2 + c^2) = 101$, find the value of $(a - b)^2 + (b - c)^2 + (c - a)^2$.

Ans
✗ 1. 12
✔ 2. 14
✗ 3. 10
✗ 4. 16

Q.21 From a cask of milk containing 64 litres, 8 litres are drawn out and the cask is filled up with water. If the same process is repeated a second, then a third time, what will be the proportion of milk to water in the resulting mixture?

Ans
✗ 1. 343 : 179
✗ 2. 333 : 169
✗ 3. 443 : 179
✔ 4. 343 : 169

Q.22 If $\frac{x^2 + 1}{x} = 5$, then find the value of $x^4 + \frac{1}{x^4} - 36$.

Ans ✔ 1. 491

✘ 2. 149

✘ 3. 419

✘ 4. 194

Q.23 Table given below shows the performance of students of class-10 according to NAS survey in Delhi.

	Below Basic	Basic	Proficient	Advance
MIL	40	35	20	5
Maths	19	45	25	11
Science	41	29	25	5
Social Science	34	21	33	12
English	8	5	34	52

The highest average performance is for _____.

Ans ✘ 1. Proficient

✔ 2. Below Basic

✘ 3. Basic

✘ 4. Advanced

Q.24 The radius of a circle is 5 cm and the length of one of its chords is 8 cm. Find the distance of the chord from the centre.

Ans ✔ 1. 3 cm

✘ 2. 4 cm

✘ 3. 5 cm

✘ 4. 2 cm

Q.25 The length of the chord of a circle is 8 cm and the perpendicular distance between the centre and the chord is 3 cm then the diameter of the circle is equal to:

Ans ✘ 1. 5 cm

✔ 2. 10 cm

✘ 3. 3 cm

✘ 4. 7 cm

Section : **General Awareness**

Q.1 Garba dance is a popular dance of which state?

Ans ✗ 1. Bihar

✓ 2. Gujarat

✗ 3. Goa

✗ 4. Assam

Q.2 Which of the following options best describes the purpose of Pradhan Mantri Shram Yogi Maan-Dhan (PM-SYM) scheme, 2019?

Ans ✗ 1. Provide healthcare services to pregnant women

✗ 2. Provide education loans to financially weak students

✓ 3. Provide pension to unorganised sector workers

✗ 4. Provide financial assistance to small and marginal farmers

Q.3 The global financial crises overlapped which five year plan in India?

Ans ✗ 1. Ninth Five Year Plan

✗ 2. Tenth Five Year Plan

✗ 3. Twelfth Five Year Plan

✓ 4. Eleventh Five Year Plan

Q.4 Which of the following states is NOT a major producer of fertilisers?

Ans ✓ 1. Himachal Pradesh

✗ 2. Gujarat

✗ 3. Maharashtra

✗ 4. Uttar Pradesh

Q.5 Simhastha fair is held in Ujjain on the bank of which river?

Ans

✔ 1. Kshipra river

✘ 2. Son river

✘ 3. Ganga river

✘ 4. Gandak river

Question ID : **264330148653**

Status : **Answered**

Chosen Option : **1**

Q.6 Tamil Nadu's Archana Suseendran won how many gold medals at AFI Indian Grand Prix 2 held in Kerala on 27 March 2023?

Ans

✘ 1. 6

✘ 2. 4

✘ 3. 3

✔ 4. 2

Question ID : **264330146278**

Status : **Not Answered**

Chosen Option : **--**

Q.7 Which of the following lakes is the longest in India?

Ans

✔ 1. Vembanad lake

✘ 2. Kanjia Lake

✘ 3. Ansupa Lake

✘ 4. Wular Lake

Question ID : **264330150265**

Status : **Answered**

Chosen Option : **1**

Q.8 Which of the following is the most suitable application of rainwater harvesting?

Ans

✘ 1. Used in cooking

✔ 2. Irrigation

✘ 3. Water for pets

✘ 4. use for industrial purposes

Question ID : **264330145808**

Status : **Answered**

Chosen Option : **2**

Q.9 Which Act declared that British rule in India would end by 30 June 1948?

Ans
- ✗ 1. Act of 1858
- ✓ 2. Act of 1947
- ✗ 3. Act of 1892
- ✗ 4. Act of 1961

Question ID : **264330145921**
Status : **Answered**
Chosen Option : **2**

Q.10 Indian Council of Historical Research, an autonomous organisation, was set up by the Government of India in _____.

Ans
- ✗ 1. 1991
- ✗ 2. 1982
- ✓ 3. 1972
- ✗ 4. 1962

Question ID : **264330150389**
Status : **Not Answered**
Chosen Option : **--**

Q.11 Who among the following Mughals built Moti Masjid in the Agra Fort complex?

Ans
- ✓ 1. Shah Jahan
- ✗ 2. Jahangir
- ✗ 3. Akbar
- ✗ 4. Aurangzeb

Question ID : **264330148577**
Status : **Answered**
Chosen Option : **3**

Q.12 Which of the following Odissi dancers was honoured with the Padma Vibhushan in 2000?

Ans
- ✓ 1. Kelucharan Mohapatra
- ✗ 2. Madhavi Mudgal
- ✗ 3. Sanjukta Panigrahi
- ✗ 4. Priyambada Mohanty Hejmadi

Question ID : **264330151255**
Status : **Answered**
Chosen Option : **1**

Q.13 In which year did RBI accord approval to Equitas Holdings to launch a small finance bank?

Ans ✗ 1. 2019

✗ 2. 2012

✓ 3. 2016

✗ 4. 2009

Question ID : 264330145699

Status : **Not Answered**

Chosen Option : --

Q.14 Who broke her own pole vault National record of 4.20 m to set a new record of 4.21 m at the National Open Athletics Championships in October 2022 at Bengaluru?

Ans ✗ 1. Mahi Patel

✗ 2. Pavithra Venkatesh

✗ 3. VS Surekha

✓ 4. Rosy Meena Paulraj

Question ID : 264330150069

Status : **Answered**

Chosen Option : **2**

Q.15 Which of the following sets of article is related with the feature of Emergency Provisions in the Indian Constitution?

Ans ✓ 1. 352 to 360

✗ 2. 309 to 312

✗ 3. 343 to 351

✗ 4. 330 to 342

Question ID : 264330150421

Status : **Answered**

Chosen Option : **1**

Q.16 The dividends received by the Government from Public Sector Undertakings (PSUs) are _____

Ans ✗ 1. capital expenditure

✗ 2. capital receipts

✓ 3. non-tax revenue receipts

✗ 4. tax revenue receipts

Question ID : 264330145688

Status : **Answered**

Chosen Option : **2**

Q.17 Choose the correct option in the context of given sentences.

Assertion: Self-help groups (SHGs) have emerged as an effective model for microfinance in India.

Reason: SHGs are able to pool resources and negotiate better loan terms with microfinance institutions.

Ans ✔ 1.
Both assertion and reason are true, and the reason is the correct explanation of the assertion.

✘ 2. Both assertion and reason are false.

✘ 3.
Both assertion and reason are true, but the reason is NOT the correct explanation of the assertion.

✘ 4. The assertion is true, but the reason is false.

Question ID : **264330145704**
Status : **Answered**
Chosen Option : **1**

Q.18 When the rate of interest is at its maximum, which of the following will follow?

Ans ✘ 1. The demand for bonds will be at its minimum.

✔ 2. The speculative demand for money will be zero.

✘ 3. The speculative demand for money will be at its maximum.

✘ 4.
The speculative demand for money will be equal to the supply of money.

Question ID : **264330144694**
Status : **Answered**
Chosen Option : **4**

Q.19 Men's FIH Hockey World Cup-2023 was held in which of the following states in India?

Ans ✘ 1. Maharashtra

✘ 2. Jharkhand

✘ 3. West Bengal

✔ 4. Odisha

Question ID : **264330150380**
Status : **Answered**
Chosen Option : **4**

Q.20 Which of the following is a perennial herbaceous plant in the nightshade family Solanaceae that is used in alternative medicine as an aid in treating arthritis pain, colds or hay fever?

Ans ✘ 1. Arachis hypogaea

✘ 2. Cynodon dactylon

✘ 3. Cicer arietinum

✔ 4. Atropa belladonna

Question ID : **264330145610**
Status : **Not Answered**
Chosen Option : **--**

Q.21 Arjuna awardee Dr Ajmer Singh is associated with which game?

Ans ✗ 1. Football

✗ 2. Table Tennis

✓ 3. Athletics

✗ 4. Badminton

Question ID : 264330145917
Status : **Not Answered**
Chosen Option : **--**

Q.22 Which of the following laws state that "The magnitude of the induced EMF in a circuit is equal to the time rate of change of magnetic flux through the circuit"?

Ans ✓ 1. Faraday's law

✗ 2. Coulomb's law

✗ 3. Kirchhoff's laws

✗ 4. Laplace's law

Question ID : 264330150146
Status : **Answered**
Chosen Option : **1**

Q.23 The number of elements known at the time of Russian chemist Dmitri Ivanovich Mendeleev was:

Ans ✗ 1. 57

✗ 2. 53

✓ 3. 63

✗ 4. 67

Question ID : 264330144471
Status : **Answered**
Chosen Option : **1**

Q.24 Who among the following personalities is an award winning Bhojpuri folk singer?

Ans ✗ 1. Ila Arun

✗ 2. Rabbi Shergill

✓ 3. Malini Awasthi

✗ 4. Papon

Question ID : 264330145793
Status : **Answered**
Chosen Option : **2**

Q.25 Which of the following is one of the objectives of 'Swadesh Darshan 2.0 Scheme'?

Ans

✗ 1. To provide vocational training to youth

✗ 2. To enhance the contribution of farming

✔ 3.
To increase private sector investment in tourism and hospitality

✗ 4.
To promote local art and culture handicrafts and cuisines etc.

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Question ID : **264330146252**
Status : **Answered**
Chosen Option : **4**

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