SSC CHSL 2023 Tier 1 August 2 Shift 4 Question Paper with Answers

Roll Number	
Candidate Name	
Exam Date	02/08/2023
Exam Time	5:15 PM - 6:15 PM
Subject	CHSL Exam 2023 Tier I

Section : **English Language**

Q.1 Select the most appropriate option that can substitute the underlined segment in the given sentence.
Despite being his competitor, John was generous and forgiving in defeat and congratulated his opponent on his well-deserved victory.

Ans ✗ 1. altruistic

✓ 2. magnanimous

✗ 3. fainthearted

✗ 4. venomous

Question ID : **264330143141**
Status : **Answered**
Chosen Option : **1**

Q.2 Select the option that can be used as a one-word substitute for the given group of words/phrase.

A person who has features of extrovert and introvert

Ans ✗ 1. Stoic

✓ 2. Ambivert

✗ 3. Ambiguous

✗ 4. Dual

Question ID : **264330144233**
Status : **Answered**
Chosen Option : **2**

Q.3 Select the option that can be used as a one-word substitute for the given group of words.

Something which cannot be easily conquered

Ans ✗ 1. Frightening

✓ 2. Invincible

✗ 3. Reciprocal

✗ 4. Stable

Question ID : **264330143969**
Status : **Answered**
Chosen Option : **2**

Q.4 Select the most appropriate ANTONYM of the underlined word in the following sentence.

Bhagat Singh was a young firebrand, whose militant activism and <u>revolutionary</u> fervour made him a symbol of resistance against the British Raj.

Ans ✗ 1. Violent

✗ 2. Radical

✓ 3. Moderate

✗ 4. Ultra

Question ID : **264330143960**

Status : **Answered**

Chosen Option : **3**

Q.5 Select the most appropriate synonym of the bracketed word in the following sentence to fill in the blank.

The security cameras can automatically _____ (rotate) to monitor the entire hallway.

Ans ✗ 1. evolve

✗ 2. resolve

✓ 3. revolve

✗ 4. devolve

Question ID : **264330142658**

Status : **Answered**

Chosen Option : **3**

Q.6 Parts of a sentence are given below in jumbled order. Select the option that arranges the parts in the correct order to form a meaningful sentence.

A. as some 71 per cent of Earth's surface is covered by saltwater oceans, and
B. notwithstanding that Europa and Enceladus (moons of Jupiter and Saturn, respectively)
C. the continents themselves possess lakes, rivers, and, in some cases, seas
D. are both covered in ice, Earth is the true water world of the solar system

Ans ✓ 1. B, D, A, C

✗ 2. B, C, A, D

✗ 3. A, B, D, C

✗ 4. A, B, C, D

Question ID : **264330149587**

Status : **Answered**

Chosen Option : **3**

Q.7 Parts of the following sentence have been given as options. Select the option that contains an error.

He lives in 45 Church Street with his family.

Ans ✓ 1. in 45 Church Street

✗ 2. with his family

✗ 3. lives

✗ 4. He

Question ID : **264330144368**

Status : **Answered**

Chosen Option : **1**

Q.8 Select the most appropriate synonym of the word 'Scrutiny' from the given sentence.

The company's strategic plan included a comprehensive analysis of market trends and consumer behaviour.

Ans ✗ 1. Behaviour

✗ 2. Comprehensive

✗ 3. Trends

✓ 4. Analysis

Question ID : **264330144157**

Status : **Answered**

Chosen Option : **2**

Q.9 Select the most appropriate synonym of the word 'Capable' from the given sentence.

Jayesh was competent and the best candidate for the post of clerk in the interview, whereas others were inefficient and irritating.

Ans ✗ 1. best

✗ 2. irritating

✓ 3. competent

✗ 4. inefficient

Question ID : **264330144310**

Status : **Answered**

Chosen Option : **3**

Q.10 Select the option that expresses the following sentence in passive voice.

Your mother teaches us English literature.

Ans ✓ 1. English literature is taught to us by your mother.

✗ 2. English literature has been taught to us by your mother.

✗ 3. Your mother is taught to us English literature.

✗ 4. English literature taught to us by your mother.

Question ID : **264330142599**

Status : **Answered**

Chosen Option : **1**

Q.11 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
He sang / beautifully but / the judges were / unimpress at the end.

Ans ✗ 1. the judges were

✓ 2. unimpress at the end

✗ 3. He sang

✗ 4. beautifully but

Question ID : **264330149887**

Status : **Answered**

Chosen Option : **2**

Q.12 Select the most appropriate ANTONYM of the given word.
Stationary

Ans ✔ 1. Moving

✘ 2. Immobile

✘ 3. Permanent

✘ 4. Stable

Question ID : **264330149751**
Status : **Answered**
Chosen Option : **1**

Q.13 Select the correct spelling from the given options to fill in the blank.
The civil engineers are trying to _____ the bridge using the new technology.

Ans ✔ 1. elevate

✘ 2. ilivate

✘ 3. alivate

✘ 4. elivait

Question ID : **264330141318**
Status : **Answered**
Chosen Option : **4**

Q.14 Select the most appropriate homonym in the context of the following sentence to fill in the blank.

My birthday will _____on a Friday this year.

Ans ✘ 1. fall: to go down onto the ground suddenly

✔ 2. fall: to come at a particular time or happen in a particular place

✘ 3. fall: to change to a particular condition

✘ 4. fall: to be beaten or defeated

Question ID : **264330142649**
Status : **Answered**
Chosen Option : **2**

Q.15 Select the most appropriate meaning of the given idiom.

Play it by ear

Ans ✘ 1. Obey the rules blindly

✘ 2. Act as suggested

✘ 3. Discontinue impulsively

✔ 4. Perform without any rehearsals

Question ID : **264330148931**
Status : **Answered**
Chosen Option : **4**

Q.16 Parts of a sentence are given below in jumbled order. Select the option that arranges the parts in the correct order to form a meaningful sentence.

A. with the occult and the satanic which in turn, owes much also to
B. Poe's work owes much to the concern of Romanticism
C. shaping plausible fabrics out of impalpable materials
D. his own feverish dreams, to which he applied a rare faculty of

Ans ✗ 1. A, B, D, C

✗ 2. A, B, C, D

✗ 3. C, B, A, D

✓ 4. B, A, D, C

Question ID : **264330149582**
Status : **Answered**
Chosen Option : **4**

Q.17 Select the most appropriate idiom to fill in the blank.
Ashu is a dedicated guy, always ready to _____ for the betterment of his company.

Ans ✗ 1. snug as a bug in a rug

✗ 2. lose his marbles

✗ 3. rain on his parade

✓ 4. go the extra mile

Question ID : **264330143231**
Status : **Answered**
Chosen Option : **4**

Q.18 Select the option that can be used as a one-word substitute for the given group of words/phrase.

The doctor who treats bone problems

Ans ✗ 1. Obstetrician

✗ 2. Gynaecologist

✓ 3. Orthopaedist

✗ 4. Physiotherapist

Question ID : **264330144237**
Status : **Answered**
Chosen Option : **3**

Q.19 Identify the INCORRECTLY spelt word in the following sentence and select its correct spelling from the given options.

Your lack of knowledge of recent advances in technology will be a sitback for your business.

Ans ✗ 1. advancess

✗ 2. knowleidge

✗ 3. bussiness

✓ 4. setback

Question ID : **264330142643**
Status : **Answered**
Chosen Option : **2**

Q.20 **Select the option that expresses the given sentence in passive voice.**
The Governor of the state inaugurated the exhibition in a grand way.

Ans ✗ 1. The exhibition had been inaugurated by the Governor of the state in a grand way.

✗ 2. The exhibition inaugurated by the Governor of the state in a grand way.

✗ 3. The exhibition has been inaugurated by the Governor of the state in a grand way.

✓ 4. The exhibition was inaugurated by the Governor of the state in a grand way.

Question ID : **264330143042**
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.

Our school organised a graduation day to award certificates to the students. The graduation day highlights the overall achievements of students. All the students who are being graduated are invited formally with their parents. Students wore their attire according to the dress code given to them by the school administration. High school graduation _____(1) is one of the most awaited and last event of any school. The function began with _____ (2) the lamp, followed by the distribution of certificates in a very systematic way. Our principal made a long and _____ (3) speech and blessed us for the future _____ (4). On behalf of our graduating class, our class representative extended a vote of thanks to show _____ (5) to all staff members. One of the parents expressed their experiences and views. At last, all the students, parents and staff members had lunch together.

SubQuestion No : 21

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

Ans ✗ 1. episode

✗ 2. festival

✗ 3. incident

✓ 4. ceremony

Question ID : **264330151302**
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.

Our school organised a graduation day to award certificates to the students. The graduation day highlights the overall achievements of students. All the students who are being graduated are invited formally with their parents. Students wore their attire according to the dress code given to them by the school administration. High school graduation _____(1) is one of the most awaited and last event of any school. The function began with _____ (2) the lamp, followed by the distribution of certificates in a very systematic way. Our principal made a long and _____ (3) speech and blessed us for the future _____ (4). On behalf of our graduating class, our class representative extended a vote of thanks to show _____ (5) to all staff members. One of the parents expressed their experiences and views. At last, all the students, parents and staff members had lunch together.

SubQuestion No : 22

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

Ans ✓ 1. lighting

✗ 2. lightening

✗ 3. sparking

✗ 4. glittering

Question ID : **264330151303**
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.

Our school organised a graduation day to award certificates to the students. The graduation day highlights the overall achievements of students. All the students who are being graduated are invited formally with their parents. Students wore their attire according to the dress code given to them by the school administration. High school graduation _____(1) is one of the most awaited and last event of any school. The function began with _____ (2) the lamp, followed by the distribution of certificates in a very systematic way. Our principal made a long and _____ (3) speech and blessed us for the future _____ (4). On behalf of our graduating class, our class representative extended a vote of thanks to show _____ (5) to all staff members. One of the parents expressed their experiences and views. At last, all the students, parents and staff members had lunch together.

SubQuestion No : 23

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

Ans ✗ 1. self-praising

     ✓ 2. encouraging

     ✗ 3. boring

     ✗ 4. depressing

Question ID : **264330151304**
Status : **Answered**
Chosen Option : **2**

Comprehension:

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

Our school organised a graduation day to award certificates to the students. The graduation day highlights the overall achievements of students. All the students who are being graduated are invited formally with their parents. Students wore their attire according to the dress code given to them by the school administration. High school graduation _____(1) is one of the most awaited and last event of any school. The function began with _____ (2) the lamp, followed by the distribution of certificates in a very systematic way. Our principal made a long and _____ (3) speech and blessed us for the future _____ (4). On behalf of our graduating class, our class representative extended a vote of thanks to show _____ (5) to all staff members. One of the parents expressed their experiences and views. At last, all the students, parents and staff members had lunch together.

SubQuestion No : 24

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

Ans ✓ 1. endeavours

     ✗ 2. neglects

     ✗ 3. entertainments

     ✗ 4. ruins

Question ID : **264330151305**
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.

Our school organised a graduation day to award certificates to the students. The graduation day highlights the overall achievements of students. All the students who are being graduated are invited formally with their parents. Students wore their attire according to the dress code given to them by the school administration. High school graduation _____(1) is one of the most awaited and last event of any school. The function began with _____ (2) the lamp, followed by the distribution of certificates in a very systematic way. Our principal made a long and _____ (3) speech and blessed us for the future _____ (4). On behalf of our graduating class, our class representative extended a vote of thanks to show _____ (5) to all staff members. One of the parents expressed their experiences and views. At last, all the students, parents and staff members had lunch together.

SubQuestion No : 25

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

Ans ✗ 1. gracious

✔ 2. gratitude

✗ 3. courteous

✗ 4. greet

Question ID : **264330151306**
Status : **Answered**
Chosen Option : **2**

Section : **General Intelligence**

Q.1 Select the triad in which the numbers are related in the same way as are the numbers of the following triads.

6 - 7 - 42

8 - 13 - 104

(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. 5 - 15 - 125

✗ 2. 6 - 4 - 72

✔ 3. 12 - 11 - 132

✗ 4. 9 - 5 - 24

Question ID : **264330147362**
Status : **Answered**
Chosen Option : **3**

Q.2 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.
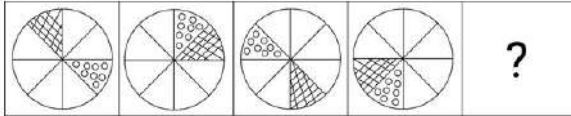
Ans ✗ 1. 17 − 54

✗ 2. 19 − 60

✗ 3. 15 − 48

✔ 4. 14 − 42

Question ID : **264330152123**
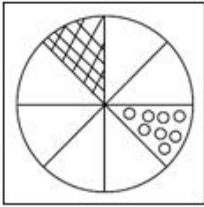Status : **Answered**
Chosen Option : **4**

Q.3 Identify the figure given in the options which when put in place of the question mark (?) will logically complete the series.
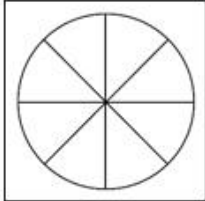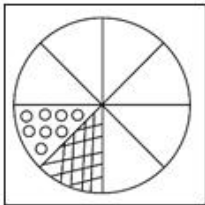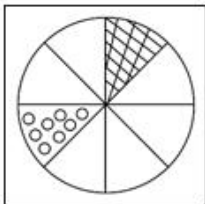

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.

Question ID : **264330147222**
Status : **Answered**
Chosen Option : **1**

Q.4 Based on the alphabetical order, 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. JQN

✘ 2. ELI

✘ 3. ZGD

✔ 4. NXR

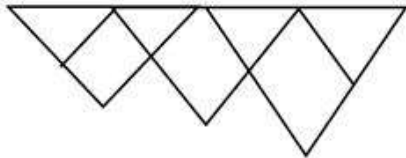Question ID : **264330146653**
Status : **Answered**
Chosen Option : **4**

Q.5 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?

(1) 16 – 256
(2) 19 – 371
(3) 14 – 196
(4) 17 – 289

Ans ✗ 1. 1

✗ 2. 3

✗ 3. 4

✔ 4. 2

Question ID : **264330152169**
Status : **Answered**
Chosen Option : **4**

Q.6 How many triangles are there in the given figure?

Ans ✗ 1. 9

✗ 2. 6

✔ 3. 7

✗ 4. 8

Question ID : **264330146910**
Status : **Answered**
Chosen Option : **3**

Q.7 In a certain code language, 'LEVITATE' is coded as 'IVELETAT' and 'INACTIVE' is coded as 'CANIEVIT'. What will be the code for 'HIGHNESS' in the given code language?

Ans ✗ 1. SSENHGIH

✗ 2. NHGIHSSE

✔ 3. HGIHSSEN

✗ 4. NEHIGSSE

Question ID : **264330147495**
Status : **Answered**
Chosen Option : **3**

Q.8 'IKLN' is related to 'FHIK' in a certain way based on the English alphabetical order. In the same way, 'GIJL' is related to 'DFGI'. To which of the following is 'MOPR' related, following the same logic?

Ans

✗ 1. JMOP

✗ 2. JKMO

✓ 3. JLMO

✗ 4. JLNO

Question ID : **264330150686**
Status : **Answered**
Chosen Option : **3**

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

$36 \div 7 - 240 \times 6 + 11 = ?$

Ans

✓ 1. 281

✗ 2. 291

✗ 3. 279

✗ 4. 284

Question ID : **264330146415**
Status : **Answered**
Chosen Option : **1**

Q.10 LQTU is related to JORS in a certain way based on the English alphabetical order. In the same way, CHKL is related to AFIJ. Which of the following is OTWX related to, following the same logic?

Ans

✗ 1. MRTU

✗ 2. NSVW

✓ 3. MRUV

✗ 4. MQTU

Question ID : **264330150979**
Status : **Answered**
Chosen Option : **3**

Q.11 In a certain code language,

'M × N' means 'M is the father of N',

'M + N' means 'M is the wife of N',

'M ÷ N' means 'M is the daughter of N',

'M − N' means 'M is the son of N'.

Based on the above, how is P related to T, if P − Q × R + S × T?

Ans ✔ 1. Mother's brother

✗ 2. Sister's son

✗ 3. Brother

✗ 4. Mother's father

Question ID : 264330147417
Status : **Answered**
Chosen Option : **1**

Q.12 Find the correct alternative that when filled in the blanks in the same sequence will make the series logically complete.
_ _ V Z _ V _ V _ Z V _ _ V _

Ans ✗ 1. VZVVZZZZ

✗ 2. VZZVVZZZ

✔ 3. ZVVZVVZV

✗ 4. ZVZZVZZZ

Question ID : 264330150476
Status : **Answered**
Chosen Option : **3**

Q.13 The position of how many letters will remain unchanged if each of the letter in the word 'FLOWERY' is arranged in alphabetical order?

Ans ✔ 1. One

✗ 2. Four

✗ 3. Three

✗ 4. Two

Question ID : 264330147080
Status : **Answered**
Chosen Option : **1**

Q.14 Which term from among the given options can replace the question mark (?) in the following series to make it logically complete?

WG 12, UE 15, ?, QA 21, OY 24

Ans
✗ 1. QC 19

✗ 2. QD 17

✓ 3. SC 18

✗ 4. RD 19

Question ID : **264330146969**
Status : **Answered**
Chosen Option : **3**

Q.15 What will come in the place of the question mark (?) in the following equation if '+' and '−' are interchanged and '×' and '÷' are interchanged?

12 ÷ 182 × 14 − 67 + 19 = ?

Ans
✓ 1. 204

✗ 2. 216

✗ 3. 187

✗ 4. 199

Question ID : **264330146401**
Status : **Answered**
Chosen Option : **1**

Q.16 If it is Wednesday on 13 September 2023, then what will be the day of the week on 30 August 2030?

Ans
✓ 1. Friday

✗ 2. Thursday

✗ 3. Wednesday

✗ 4. Saturday

Question ID : **264330147458**
Status : **Answered**
Chosen Option : **1**

Q.17 In a certain code language, 'CHARISMA' is coded as '80' and 'PERFECTION' is coded as '121'. How will 'CREATION' be coded in that language?

Ans
✓ 1. 93

✗ 2. 91

✗ 3. 87

✗ 4. 85

Question ID : **264330146349**
Status : **Answered**
Chosen Option : **1**

Q.18 Read the given statements and conclusions carefully. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which conclusion/s logically definitely follow/s from the given statements.

Statements: Some Ducks are Chickens. Some Chickens are Eggs. All Eggs are Omelettes.
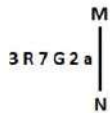
Conclusions: (I) Some Ducks are Eggs.
(II) Some Chickens are Omelettes.

Ans ✗ 1. Both conclusions (I) and (II) definitely follow.

✗ 2. Only conclusion (I) definitely follows.

✗ 3. Both conclusions (I) and (II) definitely do not follow.

✔ 4. Only conclusion (II) definitely follows.

Question ID : 264330155137
Status : **Answered**
Chosen Option : **4**

Q.19 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

M
3R7G2a |
N

Ans ✗ 1. ɒ2ᎮᘔꓶꓤƐ

✗ 2. ᙠG2ꓶꓤƐ

✗ 3. ɒ2ᎮꓶꓤƐ

✔ 4. ᙠ2ᎮꓶꓤƐ

Question ID : 264330146714
Status : **Answered**
Chosen Option : **4**

Q.20 Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?

PSU, GBL, ?, OTT, FCK

Ans ✗ 1. ATC

✗ 2. UBH

✔ 3. XKC

✗ 4. ZKG

Question ID : 264330146738
Status : **Answered**
Chosen Option : **3**

Q.21 Which number from among the given options can replace the question mark (?) in the following series?

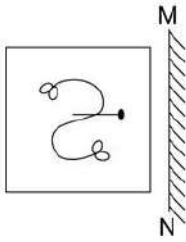4, 16, 13, ?, 49, 196

Ans

✗ 1. 38

✗ 2. 31

✗ 3. 44

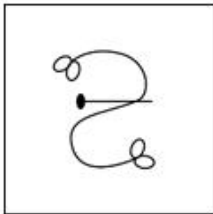✔ 4. 52

Question ID : 264330146997
Status : **Answered**
Chosen Option : **4**

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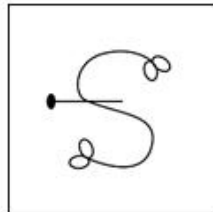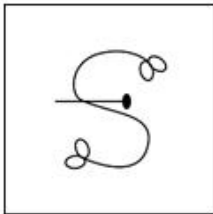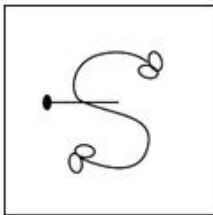

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.

Question ID : 264330146478
Status : **Answered**
Chosen Option : **2**

Q.23 Which number will replace the question mark (?) to complete the given series?

5, 7, 11, ?, 35, 67

Ans ✔ 1. 19

✘ 2. 15

✘ 3. 13

✘ 4. 17

Question ID : **264330150697**
Status : **Answered**
Chosen Option : **1**

Q.24 P is the wife of Q. P is the mother of S. S and T are sisters. L is the brother of T. T is the wife of M. D is the mother of Q. How is D related to L?

Ans ✔ 1. Father's mother

✘ 2. Mother

✘ 3. Sister

✘ 4. Mother's father

Question ID : **264330146764**
Status : **Answered**
Chosen Option : **1**

Q.25 20 is related to 30 following a certain logic. Following the same logic, 42 is related to 56. To which of the following is 72 related, following the same logic?

Ans ✘ 1. 94

✘ 2. 92

✘ 3. 88

✔ 4. 90

Question ID : **264330147032**
Status : **Answered**
Chosen Option : **4**

Section : **Quantitative Aptitude**

Q.1 Simplify the given expression.

$$\frac{0.09 \times 0.09 + 0.04 \times 0.04 + 0.16 \times 0.16 + 2 \times 0.09 \times 0.04 + 2 \times 0.04 \times 0.16 + 2 \times 0.09 \times 0.16}{0.3 \times 0.3 + 0.2 \times 0.2 + 0.4 \times 0.4}$$

Ans ✘ 1. 0.38

✘ 2. 0.24

✘ 3. 0.32

✔ 4. 0.29

Question ID : **264330147954**
Status : **Answered**
Chosen Option : **4**

Q.2 Find the value of the expression $\frac{x^2-1}{x-1} - \frac{x^2-9}{x-3}$.

Ans
✗ 1. 1

✓ 2. −2

✗ 3. −1

✗ 4. 2

Question ID : **264330150626**
Status : **Answered**
Chosen Option : **2**

Q.3 Two years ago, the population of a small town was 60,000. It increased by 5% in the first year, but due to the pandemic, it decreased by 10% in the second year. What is its present population (after the end of 2 years)?

Ans
✓ 1. 56,700

✗ 2. 56,900

✗ 3. 3300

✗ 4. 55,700

Question ID : **264330147709**
Status : **Answered**
Chosen Option : **1**

Q.4 If a man purchases kismis at ₹320 per kg and sells it at ₹6 per 25 grams, then his profit/loss percentage is:

Ans
✗ 1. 20% loss

✓ 2. 25% loss

✗ 3. 25% profit

✗ 4. 20% profit

Question ID : **264330149273**
Status : **Answered**
Chosen Option : **2**

Q.5 Kapil initiated a business with an investment of ₹30,00,000 in April 2022. After six months, his friend Kunal joined him with an investment of ₹25,00,000. In February 2023, Kapil's Ex – Class fellow Saloni also invested an amount equal to the total investment made by the earlier two partners. In what ratio the profit earned after 3 years from the date on which Kapil initiated the business, will be distributed?

Ans
✗ 1. 332 : 200 : 50

✓ 2. 108 : 75 : 143

✗ 3. 432 : 300 : 55

✗ 4. 432 : 400 : 55

Question ID : **264330150657**
Status : **Answered**
Chosen Option : **2**

Q.6 A can do a piece of work in 12 days and B can do the same work in 15 days. If both do the work together, then in how many days will the work be completed?

Ans

✗ 1. $7\frac{2}{3}$

✓ 2. $6\frac{2}{3}$

✗ 3. $5\frac{2}{3}$

✗ 4. $8\frac{2}{3}$

Question ID : **264330148813**

Status : **Answered**

Chosen Option : **2**

Q.7 In a triangle ABC, side BC is produced to D such that $\angle ACD = 127°$. If $\angle ABC = 35°$, then find $\angle BAC$.

Ans

✗ 1. $82°$

✓ 2. $92°$

✗ 3. $95°$

✗ 4. $75°$

Question ID : **264330146441**

Status : **Answered**

Chosen Option : **2**

Q.8 The following table gives the marks scored by 4 students in 4 unit tests of English. Read the table carefully and answer the question that follows.

Name	Unit test 1	Unit test 2	Unit test 3	Unit test 4
Rani	20	22	24	23
Raju	22	18	24	20
Ravi	24	22	20	24
Rekha	20	21	22	23

Whose average marks are the highest among the 4 students?

Ans

✗ 1. Rani

✓ 2. Ravi

✗ 3. Raju

✗ 4. Rekha

Question ID : **264330147764**

Status : **Answered**

Chosen Option : **2**

Q.9 A boy covers a certain distance between his house and school on a cycle. Riding on an average speed of 15 km/h, he is late by 10 min. However, with an average speed of 20 km/h, he reaches the school 5 min earlier. Find the distance between his house and school.

Ans ✗ 1. 25 km

✗ 2. 20 km

✔ 3. 15 km

✗ 4. 30 km

Question ID : 264330147729
Status : **Answered**
Chosen Option : **3**

Q.10 The value of the expression $4(\sin^6 A + \cos^6 A) - 6(\sin^4 A + \cos^4 A) + 8$ is :

Ans ✗ 1. 4

✗ 2. 8

✗ 3. 7

✔ 4. 6

Question ID : 264330147981
Status : **Answered**
Chosen Option : **4**

Q.11 The sum of the radius of the base and the height of a cylinder is 42 m. If the total surface area of the cylinder is 6336 m², find the curved surface area of the cylinder correct to two places of decimals (use $\pi = \frac{22}{7}$).

Ans ✗ 1. 2157.43 m²

✗ 2. 2571.43 m²

✔ 3. 2715.43 m²

✗ 4. 2517.43 m²

Question ID : 264330147975
Status : **Answered**
Chosen Option : **3**

Q.12 If $\cos A = \frac{63}{65}$, then find the value of $\tan A + \cot A$ (up to two places of decimal).

Ans ✔ 1. 4.19

✗ 2. 2.76

✗ 3. 3.19

✗ 4. 5.23

Question ID : 264330151133
Status : **Answered**
Chosen Option : **1**

Q.13 The ratio of cost price (CP) and marked price (MP) of an article is 4 : 7. A discount of 20% is given on MP and the shopkeeper made a profit of ₹80. Find the CP of the article.

Ans

✗ 1. ₹190

✗ 2. ₹170

✔ 3. ₹200

✗ 4. ₹180

Question ID : **264330148190**
Status : **Answered**
Chosen Option : **3**

Q.14 Simplify the given expression. $\dfrac{4[(17)^3 - (7)^3]}{(17)^2 + (7)^2 + 119}$

Ans

✔ 1. 40

✗ 2. 50

✗ 3. 60

✗ 4. 30

Question ID : **264330147952**
Status : **Answered**
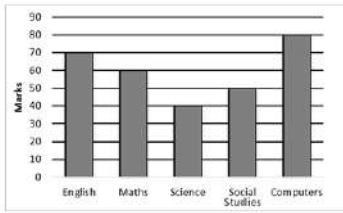Chosen Option : **1**

Q.15 AB = 8 cm and CD = 6 cm are two parallel chords on the same side of the centre of a circle. If the distance between them is 2 cm, then the radius (in cm) of the circle is:

Ans

✔ 1. $\dfrac{\sqrt{265}}{4}$

✗ 2. $\dfrac{\sqrt{256}}{4}$

✗ 3. $\dfrac{\sqrt{156}}{4}$

✗ 4. $\dfrac{\sqrt{198}}{4}$

Question ID : **264330149343**
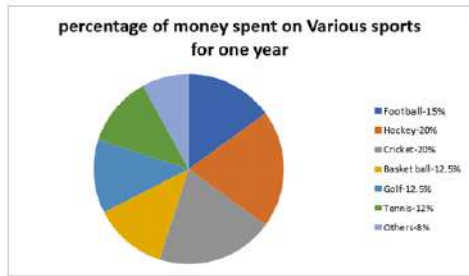Status : **Answered**
Chosen Option : **2**

Q.16 The below bar graph shows the marks obtained by a student in an examination. What is the average mark obtained by the student?

Ans

✗ 1. 50

✔ 2. 60

✗ 3. 80

✗ 4. 30

Question ID : **264330150944**

Status : **Answered**

Chosen Option : **2**

Q.17 The pie-chart given here shows the spending of a country on various sports during a year. Study the graph carefully to answer these questions.

percentage of money spent on Various sports for one year

- Football-15%
- Hockey-20%
- Cricket-20%
- Basket ball-12.5%
- Golf-12.5%
- Tennis-12%
- Others-8%

If the total amount spent on sports during the year was ₹1,50,00,000, then the amount spent on Cricket and hockey together was:

Ans

✔ 1. ₹60,00,000

✗ 2. ₹75,00,000

✗ 3. ₹50,00,000

✗ 4. ₹37,50,000

Question ID : **264330151152**

Status : **Answered**

Chosen Option : **1**

Q.18 If $\sin \theta - \cos \theta = \frac{1}{5}$, then find the value of $\sin \theta + \cos \theta$.

Ans

✗ 1. $\frac{5}{7}$

✓ 2. $\frac{7}{5}$

✗ 3. $\frac{5}{3}$

✗ 4. $\frac{3}{5}$

> Question ID : **264330149460**
> Status : **Answered**
> Chosen Option : **2**

Q.19 A number when divided by 78 gives the quotient 280 and the remainder 0. If the same number is divided by 65, what will be the value of the remainder?

Ans ✗ 1. 1

✗ 2. 3

✓ 3. 0

✗ 4. 2

> Question ID : **264330149409**
> Status : **Answered**
> Chosen Option : **3**

Q.20 A man deposited ₹10,000 at simple interest in a fund. The interest rate on the fund increases by 4% every year. If the interest rate at the time of the amount deposit was 8%, what is the interest earned (in ₹) by him after 5 years?

Ans ✗ 1. 6,000

✗ 2. 8,400

✗ 3. 5,800

✓ 4. 8,000

> Question ID : **264330151411**
> Status : **Answered**
> Chosen Option : **4**

Q.21 Find the average of the prime numbers lying between 51 and 77.

Ans ✗ 1. 65

✓ 2. 64

✗ 3. 67

✗ 4. 66

> Question ID : **264330148187**
> Status : **Answered**
> Chosen Option : **2**

Q.22 A shopkeeper marked a product, 5% above the cost price and sold the product for ₹1890 by giving a discount of 10%. The cost price of the product is:

Ans

✗ 1. ₹1,701

✗ 2. ₹2,100

✔ 3. ₹2,000

✗ 4. ₹2,205

Question ID : **264330148846**
Status : **Answered**
Chosen Option : **3**

Q.23 AB is a chord of the circle and AOC is its diameter such that angle ACB = 65°. If AT is the tangent to the circle at the point A, then angle BAT is equal to:

Ans

✔ 1. 65°

✗ 2. 75°

✗ 3. 55°

✗ 4. 40°

Question ID : **264330146535**
Status : **Answered**
Chosen Option : **1**

Q.24 The population of a village was 12,000 two years ago. If it increased by 2.5% and 3%, respectively, in the last two years, then what is the present population of the village?

Ans

✔ 1. 12,669

✗ 2. 12,607

✗ 3. 12,652

✗ 4. 12,731

Question ID : **264330147889**
Status : **Answered**
Chosen Option : **1**

Q.25 The length of each side of an equilateral triangle is 22 cm. Find the area (in cm^2) of this triangle.

Ans

✗ 1. 121

✗ 2. $242\sqrt{3}$

✔ 3. $121\sqrt{3}$

✗ 4. 242

Question ID : **264330146814**
Status : **Answered**
Chosen Option : **3**

Section : **General Awareness**

Q.1 Which river basin originates from the Western Ghats range of Karnataka state and has many tributaries such as the Noyyal, Kabini, Arkavathi and Amaravati?

Ans

✗ 1. Sabarmati

✗ 2. Brahmani

✓ 3. Kaveri

✗ 4. Periyar

Question ID : 264330152279
Status : **Answered**
Chosen Option : **3**

Q.2 Which s-block element is a silvery-white metal that is used in an alloy with copper or nickel to make gyroscopes, springs, electrical contacts, spot-welding electrodes, and non-sparking equipment?

Ans

✓ 1. Beryllium

✗ 2. Rubidium

✗ 3. Francium

✗ 4. Caesium

Question ID : 264330145601
Status : **Not Answered**
Chosen Option : **--**

Q.3 Who among the following personalities was appointed as the legal advisor of the Constituent Assembly that drafted the document of the Constitution?

Ans

✗ 1. HVR Iyengar

✗ 2. SN Mukherjee

✗ 3. BR Ambedkar

✓ 4. BN Rau

Question ID : 264330150705
Status : **Answered**
Chosen Option : **4**

Q.4 India won their first women's under-19 T20 Cricket World Cup 2023 by defeating:

Ans

✗ 1. Australia

✗ 2. South Africa

✗ 3. Sri Lanka

✓ 4. England

Question ID : 264330145969
Status : **Answered**
Chosen Option : **4**

Q.5 Which gas is the major component of biogas ?

Ans
✗ 1. CNG
✔ 2. Methane
✗ 3. Hydrogen
✗ 4. LPG

Question ID : **264330145680**
Status : **Answered**
Chosen Option : **2**

Q.6 What is the total route length of the Indian Railways (as of March 2020)?

Ans
✔ 1. 67,956 km
✗ 2. 63,950 km
✗ 3. 91,604 km
✗ 4. 82,402 km

Question ID : **264330150244**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.7 Mohiniyattam is a dance form of which state?

Ans
✗ 1. West Bengal
✗ 2. Tamil Nadu
✗ 3. Maharashtra
✔ 4. Kerala

Question ID : **264330148635**
Status : **Answered**
Chosen Option : **4**

Q.8 Which music director is popularly known as 'Pancham'?

Ans
✗ 1. Khayyam
✗ 2. S D Burman
✔ 3. R D Burman
✗ 4. Anu Malik

Question ID : **264330144773**
Status : **Not Answered**
Chosen Option : **--**

Q.9 Based on the recommendations of which Committee was the creation of a separate category for NBFCs operating in the microfinance sector (NBFC-MFI) done?

Ans ✗ 1. Narasimhan Committee

✔ 2. Malegam Committee

✗ 3. Deepak Parekh Committee

✗ 4. PK Mohanty Committee

Question ID : **264330145707**
Status : **Not Answered**
Chosen Option : **--**

Q.10 Which force causes the trade winds of the southern hemisphere to start blowing from southwest to northeast in India after crossing the equator?

Ans ✗ 1. Gravitational force

✗ 2. Magnetic force

✗ 3. Centrifugal force

✔ 4. Coriolis force

Question ID : **264330150249**
Status : **Answered**
Chosen Option : **4**

Q.11 Which of the following Indian states was NOT the host of FIFA Under-17 Women's World Cup Football 2022?

Ans ✗ 1. Maharashtra

✗ 2. Goa

✔ 3. Punjab

✗ 4. Odisha

Question ID : **264330145990**
Status : **Answered**
Chosen Option : **3**

Q.12 What was the HDI value of China in 2021?

Ans ✔ 1. 0.768

✗ 2. 0.645

✗ 3. 0.557

✗ 4. 0.750

Question ID : **264330149637**
Status : **Not Answered**
Chosen Option : **--**

Q.13 Which of these is NOT a characteristic of a free-enterprise economy?

Ans ✗ 1. Decisions are based on the forces of demand and supply.

✗ 2.
Factor rewards are based on the productivity of factors of production.

✓ 3.
All economic decisions are taken by the economic planners.

✗ 4. Economic decisions are regulated by the market.

Question ID : **264330144662**
Status : **Answered**
Chosen Option : **4**

Q.14 Which regulatory body oversees microfinance institutions in India?

Ans ✓ 1. Reserve Bank of India (RBI)

✗ 2. Ministry of Finance

✗ 3.
Insurance Regulatory and Development Authority of India (IRDAI)

✗ 4. Securities and Exchange Board of India (SEBI)

Question ID : **264330145701**
Status : **Answered**
Chosen Option : **3**

Q.15 In which State of India is Sher Shah's Tomb located?

Ans ✓ 1. Bihar

✗ 2. Uttar Pradesh

✗ 3. Punjab

✗ 4. Bengal

Question ID : **264330148572**
Status : **Answered**
Chosen Option : **2**

Q.16 Which of the following associations was formed in Maharashtra to get social justice for the weaker sections of society?

Ans ✗ 1. Theosophical Society

✗ 2. Arya Samaj

✓ 3. Satya Shodhak Samaj

✗ 4. Dharma Paripalana Yogam

Question ID : **264330148591**
Status : **Answered**
Chosen Option : **3**

Q.17 Identify the FALSE statement.

Ans ✗ 1. RBI decides the bank rate for the economy

✔ 2.
SEBI conducts open market operations to regulate money supply in the economy

✗ 3. RBI prints the ₹100 currency notes

✗ 4. Ministry of Finance issues ₹1 coins

Question ID : **264330145716**
Status : **Answered**
Chosen Option : **2**

Q.18 Which of the following words was NOT a part of the original Preamble of the Indian Constitution?

Ans ✗ 1. Democratic

✗ 2. Republic

✔ 3. Secular

✗ 4. Sovereign

Question ID : **264330150353**
Status : **Answered**
Chosen Option : **1**

Q.19 Which of the following article says that 'It shall be the duty of every citizen of India who is a parent or guardian to provide opportunities for education to his child or, as the case may be, ward between the age of six and fourteen years'?

Ans ✔ 1. 51A(k)

✗ 2. 51A(j)

✗ 3. 51A(i)

✗ 4. 51A(h)

Question ID : **264330150428**
Status : **Not Answered**
Chosen Option : **--**

Q.20 How much wage compensation per trainee is provided under the PM DAKSH Yojana?

Ans ✔ 1. Rs. 3000

✗ 2. Rs. 6000

✗ 3. Rs. 8000

✗ 4. Rs. 2000

Question ID : **264330150049**
Status : **Not Answered**
Chosen Option : **--**

Q.21 Which of the following teams won the Cricket's Inaugural Women's Premier League 2023?

Ans
- ✗ 1. Kolkata Knight Riders
- ✗ 2. Delhi Capitals
- ✓ 3. Mumbai Indians
- ✗ 4. Royal Challengers Bangalore

Question ID : **264330154804**
Status : **Answered**
Chosen Option : **3**

Q.22 Which of the following statements is/are true regarding the Green Revolution?

i. The term 'green revolution' was coined by Sir William Gaud.
ii. Norman Borlaug is hailed as the Father of Green Revolution.
iii. MS Randhawa is called the Father of Green Revolution in India.

Ans
- ✗ 1. Only i and iii
- ✓ 2. Only i and ii
- ✗ 3. Only ii
- ✗ 4. Only iii

Question ID : **264330145880**
Status : **Answered**
Chosen Option : **3**

Q.23 Balkar Sidhu was awarded the Sangeet Natak Akdemi Award 2020 for his contribution to _____.

Ans
- ✓ 1. folk dance of Punjab
- ✗ 2. Manipuri
- ✗ 3. Chhau
- ✗ 4. folk dance of Maharashtra

Question ID : **264330151328**
Status : **Answered**
Chosen Option : **1**

Q.24 In 1834, who proposed a law that states that the current induced by a change in flow opposes the effect producing the change?

Ans
- ✗ 1. David Brewster
- ✗ 2. Henry Moseley
- ✗ 3. Christian Johann Doppler
- ✓ 4. Heinrich Friedrich Lenz

Question ID : **264330149940**
Status : **Not Answered**
Chosen Option : **--**

Q.25 Match the columns.

States	Cultural festivals
A) Jharkhand	I) Karma
B) Himachal Pradesh	II) Chaitraul
C) Telangana	III) Lohri
D) Punjab	IV) Bathukamma

Ans

✗ 1. A-IV, B-II, C-I, D-III

✗ 2. A-III, B-I, C-IV, D-II

✗ 3. A-II, B-IV, C-III, D-I

✔ 4. A-I, B-II, C-IV, D-III

Question ID : **264330151324**

Status : **Answered**

Chosen Option : **4**