SSC CHSL 2023 Tier 1 August 7 Shift 4 Question Paper with Answers

Roll Number	
Candidate Name	
Exam Date	07/08/2023
Exam Time	5:15 PM - 6:15 PM
Subject	CHSL Exam 2023 Tier I

Section : **English Language**

Q.1 Select the option that expresses the given sentence in active voice.
The agency had been robbed by two masked intruders.

Ans ✗ 1. Two masked intruders had rob the agency.

✗ 2. Two masked intruders had been robbed the agency.

✓ 3. Two masked intruders had robbed the agency.

✗ 4. Two masked intruders have been robbing the agency.

Question ID : **264330144895**
Status : **Answered**
Chosen Option : **3**

Q.2 Select the most appropriate ANTONYM of the given word.
Intensive

Ans ✗ 1. Real

✗ 2. Dare

✗ 3. Fierce

✓ 4. Superficial

Question ID : **264330141293**
Status : **Answered**
Chosen Option : **4**

Q.3 The following sentence has been split into four segments. Identify the segment that contains a grammatical error and select the option which rectifies that error.

A lot of adulterants / are chemicals that can lead / to an range of health problems / in both children and adults.

Ans ✗ 1. A lot of adulterants

✗ 2. are chemical that can lead

✗ 3. in both children and adult.

✓ 4. to a range of health problems

Question ID : **264330143883**
Status : **Answered**
Chosen Option : **4**

Q.4 Select the most appropriate option that can substitute the underlined segment in the following sentence. If there is no need to substitute it, select 'No substitution required'.

The invigilator did not know that the four friends were exchanging notes right <u>at the front of him</u>.

Ans ✗ 1. of front of him

✗ 2. for front of him

✗ 3. No substitution required

✓ 4. in front of him

Question ID : **264330149541**
Status : **Answered**
Chosen Option : **4**

Q.5 Select the most appropriate ANTONYM to substitute the underlined word in the given sentence.

The preparations for the picnic have been <u>meticulously</u> completed by the programme committee on time.

Ans ✗ 1. Mesmerisingly

✗ 2. Prudently

✓ 3. Chaotically

✗ 4. Serenely

Question ID : **264330143986**
Status : **Answered**
Chosen Option : **3**

Q.6 Select the option that can be used as a one-word substitute for given group of words.
Affected by an undesirable condition or unpleasant feeling

Ans ✗ 1. Cancelled

✗ 2. Indifferent

✗ 3. Modest

✓ 4. Stricken

Question ID : **264330143061**
Status : **Answered**
Chosen Option : **4**

Q.7 Select the most appropriate synonym of the given word.

Bewitching

Ans ✗ 1. Painful

✓ 2. Alluring

✗ 3. Rude

✗ 4. Repulsive

Question ID : **264330148913**
Status : **Not Answered**
Chosen Option : **--**

Q.8 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No correction required'.

The mermaid murmured <u>that it had been</u> very difficult for her to live far from human civilisation.

Ans ✖ 1. it had

✔ 2. No correction required

✖ 3. this have been

✖ 4. this had been

Question ID : **264330144232**
Status : **Answered**
Chosen Option : **2**

Q.9 Parts of a sentence are given below in jumbled order. Arrange the parts in the correct order to form a meaningful sentence.
P. an unparalleled popularity
Q. the lotus Temple has always enjoyed
R. as shown by its pre-dominance in literature and art
S. throughout the length and breadth of India from the earliest times down to the present day,

Ans ✔ 1. QPSR

✖ 2. PSQR

✖ 3. QRSP

✖ 4. QPRS

Question ID : **264330149709**
Status : **Answered**
Chosen Option : **1**

Q.10 Select the INCORRECTLY spelt word from the given sentence.
After hours of persistent pursuit and percecution, the little prince was at last deserted by the rabble and left to himself.

Ans ✖ 1. Persistent

✖ 2. Rabble

✔ 3. Percecution

✖ 4. Deserted

Question ID : **264330149877**
Status : **Answered**
Chosen Option : **3**

Q.11 Select the most appropriate homophone to fill in the blank.

The doctors gave him more powerful drugs in the _____ hope that he might recover.

Ans ✖ 1. when

✖ 2. vein

✖ 3. wane

✔ 4. vain

Question ID : **264330148944**
Status : **Answered**
Chosen Option : **2**

Q.12 Select the most appropriate synonym of the underlined word in the given sentence.

In order to protect his identity, the spy had to <u>efface</u> all evidence of his true name and occupation from his personal documents.

Ans ✗ 1. reveal

✗ 2. clarify

✗ 3. maintain

✓ 4. destroy

Question ID : **264330143148**

Status : **Answered**

Chosen Option : **4**

Q.13 Select the most appropriate synonym of the given word.

Comprehend

Ans ✗ 1. Distort

✗ 2. Deter

✓ 3. Assimilate

✗ 4. Complex

Question ID : **264330143645**

Status : **Answered**

Chosen Option : **1**

Q.14 Parts of the following sentence have been given as options. Select the option that contains an error.

Suman has bought a black and a white shawl to wear with her new dress.

Ans ✗ 1. to wear with

✗ 2. her new dress.

✓ 3. a black and a white shawl

✗ 4. Suman has bought

Question ID : **264330142592**

Status : **Answered**

Chosen Option : **3**

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

Like a cat on a hot tin roof

Ans ✗ 1. Studying very hard

✗ 2. Being lazy

✓ 3. Being in a state of agitation

✗ 4. Urging somebody not to worry about something

Question ID : **264330144285**

Status : **Not Attempted and Marked For Review**

Chosen Option : **--**

Q.16 Select the most appropriate idiom for the underlined segment in the sentence given below.

Most of the people say that <u>some people fight for the cause but most of them don't support it</u>.

Ans ✗ 1. Are out of frying pan onto the fire

✗ 2. Spare the rod and spoil the child

✓ 3. Pay only lip service

✗ 4. Mind their P's and Q's

Question ID : **264330144322**
Status : **Answered**
Chosen Option : **4**

Q.17 Select the INCORRECTLY spelt word.

The Greeks are considered to be a courageous race valuing the knowledge, beauty and wisidiom.

Ans ✓ 1. Wisidiom

✗ 2. Knowledge

✗ 3. Valuing

✗ 4. Courageous

Question ID : **264330144128**
Status : **Answered**
Chosen Option : **1**

Q.18 Select the option that can be used as a one-word substitute for the given group of words.
The theory or philosophy of law

Ans ✓ 1. Jurisprudence

✗ 2. Pacifism

✗ 3. Cosmology

✗ 4. Philia

Question ID : **264330149846**
Status : **Answered**
Chosen Option : **1**

Q.19 Select the option that can be used as a one-word substitute for the given group of words.
Animals especially on a farm, regarded as an asset.

Ans ✗ 1. Livid

✗ 2. Livery stable

✗ 3. Livelihood

✓ 4. Livestock

Question ID : **264330143641**
Status : **Answered**
Chosen Option : **4**

Q.20 Select the option that expresses the given sentence in active voice.

Tall promises were being made by each candidate.

Ans ✗ 1. Each candidate made tall promises.

✗ 2. Each candidate can make tall promises.

✗ 3. Each candidate has made tall promises.

✓ 4. Each candidate was making tall promises.

Question ID : **264330141355**
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.

As I (1)_____ the stream and began climbing the hill, the grunting and chattering increased, as though the langurs were trying to warn me of some hidden danger. I looked up and saw a great orange-gold leopard, sleek and spotted, (2)_____ on a rock about twenty feet away from me. The leopard looked at me once, briefly and with an air of disdain, and then sprang into a dense thicket, making (3)_____ no sound as it melted into the shadows. I had (4)_____ the leopard in his quest for food. But a little later I heard the quickening cry of a barking deer as it fled through the forest. After that (5)_____, I did not see the leopard again.

SubQuestion No : 21

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

Ans ✓ 1. crossed

✗ 2. entered

✗ 3. drowned

✗ 4. passed

Question ID : **264330142607**
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.

As I (1)_____ the stream and began climbing the hill, the grunting and chattering increased, as though the langurs were trying to warn me of some hidden danger. I looked up and saw a great orange-gold leopard, sleek and spotted, (2)_____ on a rock about twenty feet away from me. The leopard looked at me once, briefly and with an air of disdain, and then sprang into a dense thicket, making (3)_____ no sound as it melted into the shadows. I had (4)_____ the leopard in his quest for food. But a little later I heard the quickening cry of a barking deer as it fled through the forest. After that (5)_____, I did not see the leopard again.

SubQuestion No : 22

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

Ans ✗ 1. swinging

✗ 2. dancing

✓ 3. poised

✗ 4. playing

Question ID : **264330142608**
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.

As I (1)_____ the stream and began climbing the hill, the grunting and chattering increased, as though the langurs were trying to warn me of some hidden danger. I looked up and saw a great orange-gold leopard, sleek and spotted, (2)_____ on a rock about twenty feet away from me. The leopard looked at me once, briefly and with an air of disdain, and then sprang into a dense thicket, making (3)_____ no sound as it melted into the shadows. I had (4)_____ the leopard in his quest for food. But a little later I heard the quickening cry of a barking deer as it fled through the forest. After that (5)_____, I did not see the leopard again.

SubQuestion No : 23

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

Ans ✗ 1. hardly

✗ 2. silently

✗ 3. loudly

✔ 4. absolutely

Question ID : **264330142609**
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.

As I (1)_____ the stream and began climbing the hill, the grunting and chattering increased, as though the langurs were trying to warn me of some hidden danger. I looked up and saw a great orange-gold leopard, sleek and spotted, (2)_____ on a rock about twenty feet away from me. The leopard looked at me once, briefly and with an air of disdain, and then sprang into a dense thicket, making (3)_____ no sound as it melted into the shadows. I had (4)_____ the leopard in his quest for food. But a little later I heard the quickening cry of a barking deer as it fled through the forest. After that (5)_____, I did not see the leopard again.

SubQuestion No : 24

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

Ans ✔ 1. disturbed

✗ 2. facilitated

✗ 3. helped

✗ 4. prevented

Question ID : **264330142610**
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.

As I (1)_____ the stream and began climbing the hill, the grunting and chattering increased, as though the langurs were trying to warn me of some hidden danger. I looked up and saw a great orange-gold leopard, sleek and spotted, (2)_____ on a rock about twenty feet away from me. The leopard looked at me once, briefly and with an air of disdain, and then sprang into a dense thicket, making (3)_____ no sound as it melted into the shadows. I had (4)_____ the leopard in his quest for food. But a little later I heard the quickening cry of a barking deer as it fled through the forest. After that (5)_____, I did not see the leopard again.

SubQuestion No : 25

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

Ans   ✔ 1. encounter

✘ 2. quarrel

✘ 3. meeting

✘ 4. exchange

Section : **General Intelligence**

Q.1 Select the pair of letter-clusters which follows the same pattern as that followed by the two sets of pair of letter-clusters given below. Both pairs of letter-clusters follow the same pattern.

EKM : DIJ

LPT : KNQ

Ans   ✘ 1. ABC : XYZ

✔ 2. PWZ : OUW

✘ 3. PJQ : NHO

✘ 4. JMR : LOT

Q.2 In a certain code language, 'FLOWER' is coded as '85', 'STARS' is coded as '82' and 'MOON' is coded as '61'. How will 'PACK' be coded in that language?
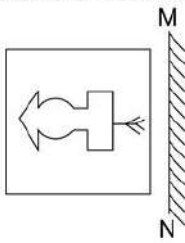
Ans   ✘ 1. 30
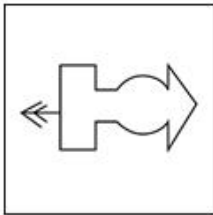
✘ 2. 32

✘ 3. 36

✔ 4. 35

Q.3 Select the correct mirror image of the given figure when the mirror is placed at MN as shown.

Ans

✗ 1.

✗ 2.

✗ 3.
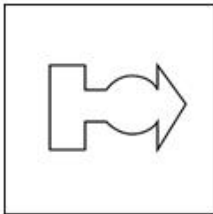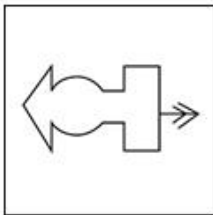
✔ 4.
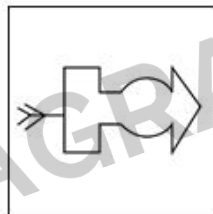
Q.4 If 28 May 2015 is Thursday, then what will be the day of the week on 24 April 2023?

Ans ✗ 1. Friday

✗ 2. Wednesday

✔ 3. Monday

✗ 4. Sunday

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?

(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. $8 - 72$

✗ 2. $11 - 143$

✗ 3. $7 - 63$

✗ 4. $9 - 99$

Question ID : **264330152054**
Status : **Answered**
Chosen Option : **1**

Q.6 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 /deleting /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. $31 - 165$

✓ 2. $24 - 125$

✗ 3. $13 - 75$

✗ 4. $19 - 105$

Question ID : **264330152444**
Status : **Answered**
Chosen Option : **2**

Q.7 'BDFI' is related to 'GIKN' in a certain way based on the English alphabetical order. In the same way, 'KMOQ' is related to 'PRTV'. To which of the following is 'CEGI' related, following the same logic?

Ans ✗ 1. HJNO

✓ 2. HJLN

✗ 3. HINO

✗ 4. HMJO

Question ID : **264330150685**
Status : **Answered**
Chosen Option : **2**

Q.8 Three of the following four letter-clusters are alike in some manner and hence form a group. Which letter-cluster does not belong to that group?

Ans ✓ 1. TSQ

✗ 2. JHG

✗ 3. PNM

✗ 4. XVU

Question ID : **264330150974**
Status : **Answered**
Chosen Option : **1**

Q.9 If 20 March 2001 is Tuesday, then what will be the day of the week on 23 April 2021?

Ans
- ✅ 1. Friday
- ❌ 2. Tuesday
- ❌ 3. Monday
- ❌ 4. Wednesday

Question ID : **264330147182**
Status : **Answered**
Chosen Option : **1**

Q.10 16 is related to 85 in a certain way. Following the same logic, 26 is related to 135. To which of the following is 37 related, following the same logic?

Ans
- ✅ 1. 190
- ❌ 2. 210
- ❌ 3. 180
- ❌ 4. 200

Question ID : **264330150902**
Status : **Answered**
Chosen Option : **1**

Q.11 EGCB is related to MOKJ in a certain way based on the English alphabetical order. In the same way, PRNM is related to XZVU. To which of the following is KMIH related to, following the same logic?

Ans
- ✅ 1. SUQP
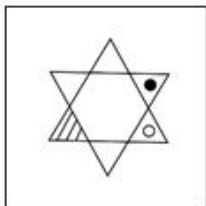- ❌ 2. RTQP
- ❌ 3. SVOP
- ❌ 4. QSPU

Question ID : **264330147278**
Status : **Answered**
Chosen Option : **1**

Q.12 Identify the figure given in the options which when put in place of the question mark (?) will logically complete the series.
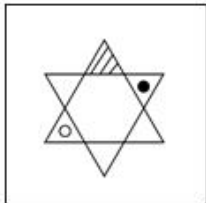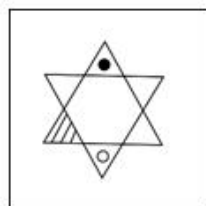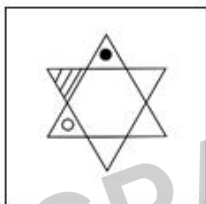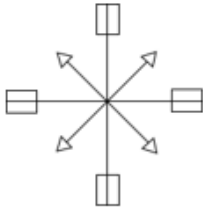

Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.
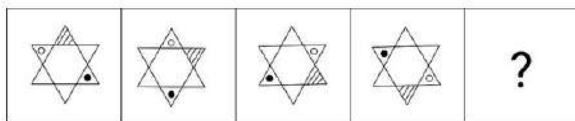
Q.13 Identify the number of rectangles in the given figure.

Ans ✗ 1. 14

✗ 2. 10

✔ 3. 12

✗ 4. 8

Q.14 In a certain code language,

A + B means 'A is the sister of B',

A − B means 'A is the mother of B',

A × B means 'A is the husband of B' and

A ÷ B means 'A is the father of B'.

Based on the above, how is S related to U if 'M + U − H ÷ S × N'?

Ans ✗ 1. Wife's father

✗ 2. Sister's son

✗ 3. Father's son

✔ 4. Son's son

Q.15 In a certain code language,

P + Q means P is the wife of Q,

P − Q means P is the brother of Q,

P / Q means P is the son of Q,

P × Q means P is the daughter of Q.

Based on the above, how is T related to B in B − D × L + T?

Ans ✗ 1. Sister

✗ 2. Brother

✗ 3. Mother

✔ 4. Father

Q.16 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

AGMQ, BHLP, CIKO, ?

Ans ✗ 1. JJKL

✗ 2. DJMP

✔ 3. DJJN

✗ 4. TOKC

Q.17 Which number will replace the question mark (?) to complete the given series?

26, 37, 50, 65, ?, 101

Ans ✗ 1. 84

✗ 2. 78

✗ 3. 80

✔ 4. 82

Q.18 If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '−', what will come in place of the question mark '?' in the following equation?

118 A 2 C 14 D 5 B 8 =?

Ans ✔ 1. 33

✗ 2. 44

✗ 3. 22

✗ 4. 11

Q.19 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 follow/s from the given statements.

Statements: All cranes are mixers. Some mixers are trucks. All trucks are vans.

Conclusion (I): No crane is a van.

Conclusion (II): Some vans are mixers.

Ans

✔ 1. Only conclusion II follows.

✘ 2. Both conclusions I and II follow.

✘ 3. Neither conclusion I nor II follows.

✘ 4. Only conclusion I follows.

Q.20 What will come in the place of the question mark (?) in the following equation if '+' and '−' are interchanged and '×' and '÷' are interchanged?

$58 - 17 \div 6 + 322 \times 23 = ?$

Ans

✘ 1. 153

✘ 2. 138

✘ 3. 161

✔ 4. 146

Q.21 In a certain code language, 'CLIP' is coded as '3749' and 'PICK' is coded as '4673'. What is the code for 'K' in the given code language?

Ans

✘ 1. 4

✘ 2. 7

✔ 3. 6

✘ 4. 3

Q.22 What should come in place of the question mark (?) in the given series?

193, 206, 214, 227, ?, 248

Ans ✔ 1. 235

✘ 2. 240

✘ 3. 238

✘ 4. 253

Q.23 Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

11 : 133 :: 16 : ? :: 22 : 507

Ans ✘ 1. 280

✘ 2. 270

✔ 3. 273

✘ 4. 290

Q.24 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

Ans ✘ 1.

✔ 2.

✘ 3.

✘ 4.

Q.25 Select the combination of letters that when sequentially placed in the blanks of the given series will make the series logically complete.

DE_GYUA_TK_GOAQ_

Ans ✗ 1. FGVA

✗ 2. VGFA

✓ 3. FGVG

✗ 4. BCHL

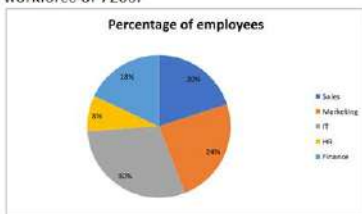Question ID : **264330146740**
Status : **Answered**
Chosen Option : **1**

Section : **Quantitative Aptitude**

Q.1 The pie chart given below shows the percentage of employees in various departments of a company having a total workforce of 7200.

Suppose the company plans to hire 324 more employees in the upcoming recruitment drive, of which 25% will be for the IT department, what would be the percentage increase in the number of employees in the IT department after the recruitment drive?

Ans ✓ 1. 3.75%

✗ 2. 9%

✗ 3. 12.5%

✗ 4. 5%

Question ID : **264330147676**
Status : **Answered**
Chosen Option : **1**

Q.2 Harsha's expenditure is 45% of her income. If the income from the next month is increased by 15% and the amount she saved each month remains the same, then find the percentage increase in her expenditure (rounded off to 2 decimal places).

Ans ✓ 1. 33.33%

✗ 2. 15.00%

✗ 3. 45.00%

✗ 4. 27.50%

Question ID : **264330147663**
Status : **Answered**
Chosen Option : **1**

Q.3 Simplify the following expression. $\dfrac{(0.96 \times 0.96 \times 0.96 + 0.04 \times 0.04 \times 0.04)}{(0.96 \times 0.96 - 0.96 \times 0.04 + 0.04 \times 0.04)}$

Ans

✗ 1. 0

✗ 2. 0.82

✗ 3. 2

✔ 4. 1

Q.4 Simplify the given expression. $\dfrac{x^3 + y^3 + z^3 - 3xyz}{(x-y)^2 + (y-z)^2 + (z-x)^2}$

Ans

✗ 1. $\dfrac{1}{3}(x + y + z)$

✗ 2. $(x + y + z)$

✗ 3. $\dfrac{1}{4}(x + y + z)$

✔ 4. $\dfrac{1}{2}(x + y + z)$

Q.5 In a division sum, the divisor is 11 times the quotient and 5 times the remainder. If the remainder is 44, then the dividend is:

Ans

✗ 1. 8888

✗ 2. 4448

✗ 3. 8444

✔ 4. 4444

Q.6 The difference between 24 and the mean proportional of 7 and 63 is:

Ans

✔ 1. 3

✗ 2. 2

✗ 3. 5

✗ 4. 4

Q.7 Simplify the given expression. $\frac{\sin^2 32° + \sin^2 58°}{\cos^2 32° + \cos^2 58°} + \sin^2 53° + \cos 53° \sin 37°$

Ans
✔ 1. 2
✘ 2. −1
✘ 3. −2
✘ 4. 1

Question ID : **264330147948**
Status : **Answered**
Chosen Option : **1**

Q.8 A vertical pillar 42 cm long casts a 35 cm long shadow. At the same time, a tower casts a shadow 25 m long. Find the height of the tower.

Ans
✘ 1. 28 m
✘ 2. 35 m
✘ 3. 32 m
✔ 4. 30 m

Question ID : **264330147682**
Status : **Answered**
Chosen Option : **4**

Q.9 If TM and TN are the two tangents to a circle with centre O so that ∠MON = 105°, then ∠MTN will be equal to:

Ans
✘ 1. 70°
✘ 2. 60°
✔ 3. 75°
✘ 4. 85°

Question ID : **264330146536**
Status : **Answered**
Chosen Option : **3**

Q.10 A person purchased ten boxes of grapes at a cost of ₹2,000 per box. Each box contained 20 kgs of grapes. He sold each box at the rate of ₹2,500 per box. But on the whole 10 kgs of grapes were damaged. Further he paid ₹1,000 as transport charges. Find his gain or loss.

Ans
✘ 1. Gain ₹2,050
✘ 2. Loss ₹1,000
✔ 3. Gain₹2,750
✘ 4. Loss₹1,500

Question ID : **264330148137**
Status : **Not Answered**
Chosen Option : **--**

Q.11 A ship goes at 18 km/h downstream and at 16 km/h upstream. What will be the speed of the ship in still water?

Ans
✗ 1. 14 km/h

✔ 2. 17 km/h

✗ 3. 16 km/h

✗ 4. 15 km/h

Question ID : **264330148202**
Status : **Answered**
Chosen Option : **2**

Q.12 Radha deposited ₹1,60,000 at a 10% rate of compound interest per annum for two years. If the interest is compounded semi-annually, then what is the compound interest (in ₹)?

Ans
✗ 1. 16,400

✔ 2. 34,481

✗ 3. 74,256

✗ 4. 33,600

Question ID : **264330150541**
Status : **Answered**
Chosen Option : **2**

Q.13 The perpendicular distance from the centre of a circle to the chord is 20 cm. Calculate the chord's length in centimetres if the circle's diameter is 58 cm.

Ans
✔ 1. 42

✗ 2. 21

✗ 3. 56

✗ 4. 28

Question ID : **264330148763**
Status : **Answered**
Chosen Option : **1**

Q.14 Refer to the given table and answer the following question:

Students	Weight (kg)	Height (m)
A	60	1.23
B	70	1.80
C	52	1.52
D	50	1.68
E	48	1.12

Which student has the least weight and least height among all?

Ans
✗ 1. C
✗ 2. D
✔ 3. E
✗ 4. B

Q.15 If a sum of money becomes ₹6,000 in 3 years and ₹10,500 in 7 years and 6 months at the same rate of simple interest, then what is the rate of interest?

Ans
✔ 1. $33\frac{1}{3}\%$

✗ 2. $25\frac{1}{2}\%$

✗ 3. $45\frac{2}{3}\%$

✗ 4. $66\frac{1}{3}\%$

Q.16 A toothpaste marked at ₹90 is sold for ₹78. The rate of discount is:

Ans
✗ 1. 15.23%
✗ 2. 14.22%
✗ 3. 12.13%
✔ 4. 13.33%

Q.17 The value of $\dfrac{1}{\sin\theta} - \dfrac{\cot^2\theta}{1 + \csc\theta}$ is:

Ans
✗ 1. 2
✓ 2. 1
✗ 3. −1
✗ 4. 0

Q.18 The value of $\dfrac{\sin 58°}{\cos 32°} + \dfrac{\sin 55° \sec 35°}{\tan 5° \tan 45° \tan 85°}$ is equal to:

Ans
✓ 1. 2
✗ 2. 1
✗ 3. 0
✗ 4. 3

Q.19 Find the volume of the largest right circular cone that can be cut out from a cube whose edge is $3\frac{1}{2}$ cm, correct to two places of decimals (use $\pi = \frac{22}{7}$).

Ans
✗ 1. 13.21 cm³
✗ 2. 21.31 cm³
✓ 3. 11.23 cm³
✗ 4. 12.13 cm³

Q.20 The diameter PQ of a circle with centre O is perpendicular to the chord RS. PQ intersects RS at T. If RS = 16 cm and QT = 4 cm, what is the length (in cm) of the diameter of the circle?

Ans
✓ 1. 20
✗ 2. 48
✗ 3. 24
✗ 4. 10

Q.21 Table shows year wise productions of four crops (in tons) in a village during 2018-2019 to 2021-2022.

Crops / Year	Pulses	Wheat	Rice	Others
2018-19	410	720	400	600
2019-20	380	680	350	580
2020-21	320	790	420	510
2021-22	250	690	270	490

The difference between the average production of wheat and the average production of pulses (in tons) over the year is:

Ans ✔ 1. 380

✘ 2. 360

✘ 3. 370

✘ 4. 350

Q.22 If $\left(x - \frac{1}{x-2}\right) = 7$, then the value of $(x-2)^3 - \frac{1}{(x-2)^3}$ is:

Ans ✘ 1. 130

✘ 2. 115

✔ 3. 140

✘ 4. 125

Q.23 In two alloys, the ratio of Aluminium to Zinc are 5 : 6 and 3 : 5. If 242 kg of the first alloy and 144 kg of the second alloy are mixed, then the ratio of Aluminium and Zinc in the new alloy will be:

Ans ✘ 1. 76 : 117

✔ 2. 82 : 111

✘ 3. 93 : 100

✘ 4. 68 : 125

Q.24 If Sita and Gita can do a job together in 4 days and Sita alone can do the job in 6 days, in how many days can Gita do the job alone?

Ans ✘ 1. 8

✘ 2. 10

✔ 3. 12

✘ 4. 14

Q.25 A shopkeeper purchased an air conditioner for ₹24,000. He marks it for ₹30,000. He sells it to a customer at a discounted price and still earns a profit of 9%. What is the rate of discount given by the shopkeeper to the customer?

Ans
- ✗ 1. 10.8%
- ✓ 2. 12.8%
- ✗ 3. 13.8%
- ✗ 4. 14.8%

Question ID : **264330147703**
Status : **Answered**
Chosen Option : **2**

Section : **General Awareness**

Q.1 The Birsa Munda International Hockey Stadium, the largest hockey stadium in the country, is situated in:

Ans
- ✗ 1. Bhubaneswar, Odisha
- ✗ 2. Jharsuguda, Odisha
- ✗ 3. Cuttack, Odisha
- ✓ 4. Rourkela, Odisha

Question ID : **264330150379**
Status : **Not Answered**
Chosen Option : **--**

Q.2 Which of the following is NOT a subdivision of the Meghalaya plateau?

Ans
- ✗ 1. Khasi
- ✗ 2. Jaintia
- ✗ 3. Garo
- ✓ 4. Dhansiri

Question ID : **264330149363**
Status : **Answered**
Chosen Option : **4**

Q.3 Which period in India is described as Plan Holiday?

Ans
- ✗ 1. 1990 to 1993
- ✓ 2. 1966 to 1969
- ✗ 3. 1956 to 1960
- ✗ 4. 1947 to 1950

Question ID : **264330144713**
Status : **Answered**
Chosen Option : **2**

Q.4 What is the percentage horizontal reservation for women in the government jobs bill of Uttarakhand, approved by Governor Gurmit Singh on January 10, 2023?

Ans
✔ 1. 30%

✘ 2. 40%

✘ 3. 20%

✘ 4. 50%

Question ID : **264330150054**
Status : **Not Answered**
Chosen Option : **--**

Q.5 Who among the following Indian female boxers won the gold medal in the 1st Edition of Elorda Boxing Cup 2022 held in Kazakhstan?

Ans
✘ 1. Nikhat Zareen

✘ 2. Mary Kom

✔ 3. Alfiya Pathan

✘ 4. Lovlina Borgohain

Question ID : **264330154823**
Status : **Not Answered**
Chosen Option : **--**

Q.6 Who described Indian federal system as a bargaining federalism?

Ans
✘ 1. KC Wheare

✘ 2. Ivor Jennings

✘ 3. Granville Austin

✔ 4. Morris Jones

Question ID : **264330146543**
Status : **Not Answered**
Chosen Option : **--**

Q.7 Which of the following is the correct sequence of national income from broader to narrower concepts?

Ans
✘ 1.
GNP at market prices – NNP at market prices – GNP at factor cost – NNP at factor cost

✘ 2.
Personal disposable income – Personal income – GNP at market prices – GNP at factor cost

✘ 3.
GNP at factor cost – GNP at market prices – NNP at market prices – Personal income

✔ 4.
GNP at factor cost – NNP at factor cost – Personal income – Personal disposable income

Question ID : **264330145858**
Status : **Not Answered**
Chosen Option : **--**

Q.8 Laho is the dance form of which state?

Ans
- ✗ 1. Manipur
- ✗ 2. Sikkim
- ✔ 3. Meghalaya
- ✗ 4. Kerala

Question ID : **264330144743**
Status : **Answered**
Chosen Option : **1**

Q.9 The musical instrument Sarod is associated with:

Ans
- ✗ 1. Zakir Hussain
- ✗ 2. Allahrakha
- ✔ 3. Amjad Ali Khan
- ✗ 4. Khayyam

Question ID : **264330144771**
Status : **Answered**
Chosen Option : **3**

Q.10 Which of the following programmes was launched by NABARD in 2015 to promote the livelihood of the people in both farm and off-farm activities?

Ans
- ✗ 1. LWE
- ✔ 2. LEDP
- ✗ 3. MEDP
- ✗ 4. BLP

Question ID : **264330145874**
Status : **Not Answered**
Chosen Option : **--**

Q.11 Which of the following teams won the Raja Bhalindra Singh trophy at the 36th National Games?

Ans
- ✔ 1. Services
- ✗ 2. Uttar Pradesh
- ✗ 3. Maharashtra
- ✗ 4. Punjab

Question ID : **264330145984**
Status : **Not Answered**
Chosen Option : **--**

Q.12 Which of the following is a festival and dance?

Ans
- ✗ 1. Baisakhi
- ✗ 2. Ugadi
- ✗ 3. Pongal
- ✔ 4. Bihu

Question ID : **264330144754**
Status : **Answered**
Chosen Option : **4**

Q.13 Which organic chemical compound is reacted with nitrous acid at 273-278K to prepare benzenediazonium chloride?

Ans
- ✗ 1. Hydrazine
- ✗ 2. Toluene
- ✔ 3. Aniline
- ✗ 4. Pyridine

Question ID : **264330145586**
Status : **Answered**
Chosen Option : **2**

Q.14 Balban served as naib to which of the following sultans of Delhi?

Ans
- ✗ 1. Iltutmish
- ✗ 2. Razia
- ✔ 3. Nasiruddin Mahmud
- ✗ 4. Qutb ud-Din Aibak

Question ID : **264330148558**
Status : **Answered**
Chosen Option : **4**

Q.15 Which of the following are cryptogam?

Ans
- ✗ 1. Gymnosperm
- ✗ 2. Dicots
- ✗ 3. Angiosperm
- ✔ 4. Pteridophyta

Question ID : **264330145831**
Status : **Not Answered**
Chosen Option : **--**

Q.16 What is the name of the two small moons orbiting Mars discovered by American astronomer Asaph Hall in 1877?

Ans
✔ 1. Phobos and Deimos

✘ 2. Miranda and Triton

✘ 3. Enceladus and Titan

✘ 4. Charon and Dysnomia

Question ID : **264330145642**
Status : **Answered**
Chosen Option : **1**

Q.17 In December 2022, Meghana Ahlawat was elected as the President of _____ .

Ans
✔ 1. Table Tennis Federation of India

✘ 2. BCCI

✘ 3. Hockey India

✘ 4. Wrestling Federation of India

Question ID : **264330152391**
Status : **Answered**
Chosen Option : **1**

Q.18 _____ connect India's four big metro cities of Delhi-Mumbai-Chennai-Kolkata.

Ans
✘ 1. North-South Corridor of NHDP

✘ 2. National Highway 44

✘ 3. National Highway 47A

✔ 4. Golden Quadrilateral

Question ID : **264330149394**
Status : **Answered**
Chosen Option : **4**

Q.19 Who became the first Vice-Chancellor of Jawaharlal Nehru University in 1969?

Ans
✘ 1. BD Nagchaudhuri

✔ 2. G Parthasarathi

✘ 3. Y Nayudamma

✘ 4. KR Narayanan

Question ID : **264330150394**
Status : **Not Answered**
Chosen Option : **--**

Q.20 Who among the following received the Sangeet Natak Akademi Award of 2019 in the Kathakali classical dance category?

Ans
❌ 1. OS Arun

❌ 2. Manju Nandan Mehta

✅ 3. Kottakkal Nandakumaran Nair

❌ 4. Vinayak Torvi

Question ID : **264330151218**
Status : **Not Answered**
Chosen Option : **--**

Q.21 According to Census of India 2011, which state in India has the lowest literacy rate?

Ans
❌ 1. Jharkhand

❌ 2. Rajasthan

✅ 3. Bihar

❌ 4. Arunachal Pradesh

Question ID : **264330150282**
Status : **Answered**
Chosen Option : **3**

Q.22 Who issues ₹10 notes in India?

Ans
✅ 1. Reserve Bank of India

❌ 2. State Bank of India

❌ 3. Union Bank of India

❌ 4. Central Bank of India

Question ID : **264330145720**
Status : **Answered**
Chosen Option : **1**

Q.23 Which of these is NOT the correctly stated component of the expenditure method of measuring national income?

Ans
❌ 1. Final investment expenditure by firms

❌ 2. Final government expenditure

✅ 3. Export plus import expenditure

❌ 4. Final consumption expenditure by households

Question ID : **264330144704**
Status : **Answered**
Chosen Option : **4**

Q.24 What is the IUPAC name of allylamine which is used to make pharmaceuticals and other chemicals?

Ans

✗ 1. Propan-1-amine

✗ 2. Benzenamine

✗ 3. N-Methylethanamine

✓ 4. 2-Propen-1-amine

Question ID : **264330145584**

Status : **Not Answered**

Chosen Option : **--**

Q.25 The idea of concurrent list in the Indian Constitution was taken from _____.

Ans

✗ 1. Germany

✓ 2. Australia

✗ 3. Denmark

✗ 4. Ireland

Question ID : **264330150425**

Status : **Answered**

Chosen Option : **2**