

Combined Higher Secondary Level Examination 2024 Tier I

Exam Date	08/07/2024
Exam Time	11:45 AM - 12:45 PM
Subject	CHSL Exam 2024 Tier I

Section : English Language

Q.1 Parts of the following sentence have been given as options. Select the option that contains an error.
During winters, most of the trains are not running on time in North India.

- Ans**
- ☒ 1. During winters,
 - ☒ 2. on time in North India.
 - ☒ 3. are not running
 - ☒ 4. most of the trains

Q.2 The sentence below contains errors. Select the option with the correct use of tenses.
I will revised my course at least three times before my final examination.

- Ans**
- ☒ 1. I would revised my course at least three times before my final examination.
 - ☒ 2. I will be revised my course at least three times since my final examination.
 - ☒ 3. I will have revised my course at least three times before my final examination.
 - ☒ 4. I must revised my course at least three times before my final examination.

Q.3 Select the most appropriate adverb to fill in the blank.
He comes here _____ .

- Ans**
- ☒ 1. quickly
 - ☒ 2. formerly
 - ☒ 3. daily
 - ☒ 4. lately

Q.4 Parts of the following sentence have been given as options. Select the option that contains an error.

That day we reached late for the competition and even though the competition went on smooth, I felt bad about Shivani losing it.

- Ans**
- ☒ 1. I felt bad
 - ☒ 2. losing it
 - ☒ 3. the competition went on smooth
 - ☒ 4. we reached late

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

Hierarchy is key in ensuring normal functioning of our increasingly (1)_____ society. In the US, there is an enormous variety of industries, professional branches, specialisations, as well as a great (2)_____ of other domains of human activity or interests. So, competence here is valued and opinion influencers have an important role to play. In fact, leadership evolves as a necessity almost in any realm of human activity/ thinking, (3)_____ where more people are involved. Thus, it isn't hard (4)_____ why even in academic institutions throughout the US and worldwide, students are given leadership essay assignments. Most students will take on leadership roles with various degrees of responsibility and impact in their lives, hence, becoming (5)_____ with typical challenges, solutions, or skills required is essential.

SubQuestion No : 5

Q.5 Select the most appropriate option to fill in blank 1.

- Ans**
- ☒ 1. systematic
 - ☒ 2. complex
 - ☒ 3. easy
 - ☒ 4. fine

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

Hierarchy is key in ensuring normal functioning of our increasingly (1)_____ society. In the US, there is an enormous variety of industries, professional branches, specialisations, as well as a great (2)_____ of other domains of human activity or interests. So, competence here is valued and opinion influencers have an important role to play. In fact, leadership evolves as a necessity almost in any realm of human activity/ thinking, (3)_____ where more people are involved. Thus, it isn't hard (4)_____ why even in academic institutions throughout the US and worldwide, students are given leadership essay assignments. Most students will take on leadership roles with various degrees of responsibility and impact in their lives, hence, becoming (5)_____ with typical challenges, solutions, or skills required is essential.

SubQuestion No : 6

Q.6 Select the most appropriate option to fill in blank 2.

- Ans**
- ☒ 1. worry
 - ☒ 2. difficulty
 - ☒ 3. uniformity
 - ☒ 4. diversity

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

Hierarchy is key in ensuring normal functioning of our increasingly (1)_____ society. In the US, there is an enormous variety of industries, professional branches, specialisations, as well as a great (2)_____ of other domains of human activity or interests. So, competence here is valued and opinion influencers have an important role to play. In fact, leadership evolves as a necessity almost in any realm of human activity/ thinking, (3)_____ where more people are involved. Thus, it isn't hard (4)_____ why even in academic institutions throughout the US and worldwide, students are given leadership essay assignments. Most students will take on leadership roles with various degrees of responsibility and impact in their lives, hence, becoming (5)_____ with typical challenges, solutions, or skills required is essential.

SubQuestion No : 7

Q.7 Select the most appropriate option to fill in blank 3.

- Ans**
- ☒ 1. especially
 - ☒ 2. only
 - ☒ 3. easily
 - ☒ 4. tactfully

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

Hierarchy is key in ensuring normal functioning of our increasingly (1)_____ society. In the US, there is an enormous variety of industries, professional branches, specialisations, as well as a great (2)_____ of other domains of human activity or interests. So, competence here is valued and opinion influencers have an important role to play. In fact, leadership evolves as a necessity almost in any realm of human activity/ thinking, (3)_____ where more people are involved. Thus, it isn't hard (4)_____ why even in academic institutions throughout the US and worldwide, students are given leadership essay assignments. Most students will take on leadership roles with various degrees of responsibility and impact in their lives, hence, becoming (5)_____ with typical challenges, solutions, or skills required is essential.

SubQuestion No : 8

Q.8 Select the most appropriate option to fill in blank 4.

- Ans**
- ☒ 1. focusing
 - ☒ 2. rejecting
 - ☒ 3. polishing
 - ☒ 4. accepting

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

Hierarchy is key in ensuring normal functioning of our increasingly (1)_____ society. In the US, there is an enormous variety of industries, professional branches, specialisations, as well as a great (2)_____ of other domains of human activity or interests. So, competence here is valued and opinion influencers have an important role to play. In fact, leadership evolves as a necessity almost in any realm of human activity/ thinking, (3)_____ where more people are involved. Thus, it isn't hard (4)_____ why even in academic institutions throughout the US and worldwide, students are given leadership essay assignments. Most students will take on leadership roles with various degrees of responsibility and impact in their lives, hence, becoming (5)_____ with typical challenges, solutions, or skills required is essential.

SubQuestion No : 9

Q.9 Select the most appropriate option to fill in blank 5.

- Ans**
- ☒ 1. familiar
 - ☒ 2. unusual
 - ☒ 3. unequal
 - ☒ 4. strange

Q.10 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
Are today / a working day / or a / holiday?

- Ans**
- ☒ 1. Are today
 - ☒ 2. holiday
 - ☒ 3. a working day
 - ☒ 4. or a

Q.11 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 substitution required'.
They appointed him as the manager, as he was due for an promotion.

- Ans**
- ☒ 1. next
 - ☒ 2. it's
 - ☒ 3. No substitution required
 - ☒ 4. a

Q.12 Choose an appropriate word that can substitute the bracketed word and complete the sentence meaningfully.
What is the time (in) your watch?

- Ans**
- ☒ 1. by
 - ☒ 2. with
 - ☒ 3. into
 - ☒ 4. on

Q.13 Select the most appropriate **ANTONYM** of the underlined word in the given sentence.
His grandfather was quite grumpy .

- Ans**
- ☐ 1. Possible
 - ☐ 2. Tenable
 - ☐ 3. Edible
 - ☒ 4. Amiable

Q.14 Select the most appropriate **ANTONYM** of the underlined word.
It's very cheap to display wealth by donning gaudy dresses.

- Ans**
- ☐ 1. Scanty
 - ☐ 2. Ornate
 - ☐ 3. Cheap
 - ☒ 4. Sober

Q.15 Select the **INCORRECTLY** spelt word.

- Ans**
- ☐ 1. Timorous
 - ☐ 2. Amalgamate
 - ☐ 3. Unintended
 - ☒ 4. Aproprate

Q.16 Select the most appropriate **ANTONYM** of the given word.
MOROSE

- Ans**
- ☒ 1. Jovial
 - ☐ 2. Practical
 - ☐ 3. Dramatic
 - ☐ 4. Hurried

Q.17 Select the most appropriate **ANTONYM** of the given word.
Despondency

- Ans**
- ☐ 1. Hopelessness
 - ☐ 2. Satisfaction
 - ☒ 3. Cheerfulness
 - ☐ 4. Dejection

Q.18 Select the most appropriate **ANTONYM** of the underlined word in the given sentence.
The humble pupil sat on the floor with respect.

- Ans**
- ☐ 1. Capitalist
 - ☐ 2. Corrupt
 - ☐ 3. Sturdy
 - ☒ 4. Proud

Q.19 Select the most appropriate meaning of the given idiom.
Sell like hot cakes

- Ans**
- ☐ 1. Extremely hot and humid
 - ☐ 2. Not bothering about money
 - ☒ 3. Selling out quickly
 - ☐ 4. Become very famous

Q.20 Select the most appropriate option to fill in the blank.

He hasn't _____ any attention to my miserable state.

- Ans**
- ☐ 1. made
 - ☐ 2. had
 - ☐ 3. gave
 - ☒ 4. paid

Q.21 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 substitution required'.
She developing a remarkable resistance to cold and altitude.

- Ans**
- ☒ 1. developed
 - ☐ 2. has develop
 - ☐ 3. No substitution required
 - ☐ 4. has been developing

Q.22 Which of the following idioms means 'going to sleep'?

- Ans**
- ☐ 1. Keep an ear to the ground
 - ☐ 2. Run around in circles
 - ☐ 3. Break new grounds
 - ☒ 4. Hit the sack

Q.23 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. Creator
 - ☐ 2. Skewed
 - ☒ 3. Agressive
 - ☐ 4. Apparent

Q.24 Select the most appropriate synonym of the bracketed word in the following sentence to fill in the blank.
The setting sun turned the _____ (calm) ocean into a sea of gold.

- Ans**
- ☐ 1. volatile
 - ☒ 2. placid
 - ☐ 3. furtive
 - ☐ 4. scattered

Q.25 Select the most appropriate synonym of the underlined word in the given sentence.

He is just jealous that he didn't get picked for the job.

- Ans**
- ☒ 1. envious
 - ☐ 2. spiteful
 - ☐ 3. greedy
 - ☐ 4. suspicious

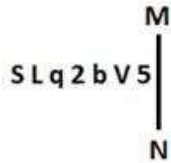
Section : General Intelligence

Q.1 What will come in the place of the question mark (?) in the following equation, if '+' and '×' are interchanged and '−' and '÷' are interchanged?

$$55 \times 84 - 12 + 9 \div 26 = ?$$

- Ans**
- ☐ 1. 90
 - ☐ 2. 95
 - ☒ 3. 92
 - ☐ 4. 96

Q.2 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans
- ☒ 1. 2 V d S p J 2
 - ☐ 2. 5 V d S p L 2
 - ☐ 3. 2 A d S q J 2
 - ☐ 4. 5 V b S p J 2

Q.3 After 36 days it will be a Sunday. What day is it today?

- Ans
- ☐ 1. Friday
 - ☐ 2. Monday
 - ☐ 3. Sunday
 - ☒ 4. Saturday

Q.4 If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', then the resultant of which of the following will be 338?

- Ans
- ☐ 1. 32 A 11 D 80 B 4 C 6
 - ☐ 2. 32 D 11 B 80 A 4 C 6
 - ☐ 3. 32 C 11 D 80 A 4 B 6
 - ☒ 4. 32 B 11 D 80 A 4 C 6

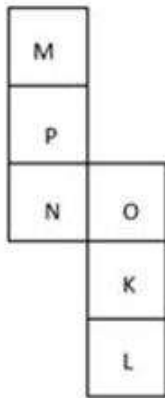
Q.5 In a certain code language,
M & N means 'M is the son of N',
M @ N means 'M is the brother of N',
M \$ N means 'M is the father of N',
M # N means 'M is the mother of N'.
Based on this, how is E related to A, if 'A # B \$ C @ D & E'?

- Ans
- ☐ 1. Daughter's husband
 - ☒ 2. Son's wife
 - ☐ 3. Son
 - ☐ 4. Daughter

Q.6 Which of the following letter-clusters can replace the question mark (?) in the given series to make it logically complete?
IPX, ?, OTZ, RVA, UXB

- Ans
- ☐ 1. LOM
 - ☒ 2. LRY
 - ☐ 3. YHR
 - ☐ 4. COP

Q.7 What would be the letter on the opposite side of 'N' if the given sheet is folded to form a cube?



- Ans
- ☒ 1. O
 - ☒ 2. L
 - ☒ 3. M
 - ☒ 4. K

Q.8 This question consists of a pair of words which have a certain relationship to each other. Select the pair which does NOT have the same relationship.

Demolish : Repair

- 1) Condemn : Approve
- 2) Consequence : Outcome
- 3) Bind : Release
- 4) Adamant : Flexible

- Ans
- ☒ 1. 3
 - ☒ 2. 4
 - ☒ 3. 2
 - ☒ 4. 1

Q.9 Select the option in which the given figure is embedded (rotation is NOT allowed).



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Q.10 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans
- ☒ 1. YSZRZY
 - ☒ 2. YSZRHW
 - ☒ 3. YSZRHW
 - ☒ 4. YSZRHW

Q.11 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster.)

- Ans
- ☒ 1. FUHS
 - ☒ 2. YCAZ
 - ☒ 3. AZCX
 - ☒ 4. MNOL

Q.12 Three statements are followed by conclusions numbered I, II. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow/s from the given statement.

Statements:

Some roses are flowers.

All buds are roses.

All lilies are flowers.

Conclusion (I): Some buds are lilies.

Conclusion (II): All flowers are buds.

- Ans
- ☒ 1. Both conclusions (I) and (II) follow.
 - ☒ 2. Only conclusion (I) follows.
 - ☒ 3. Only conclusion (II) follows.
 - ☒ 4. Neither conclusion (I) nor (II) follows.

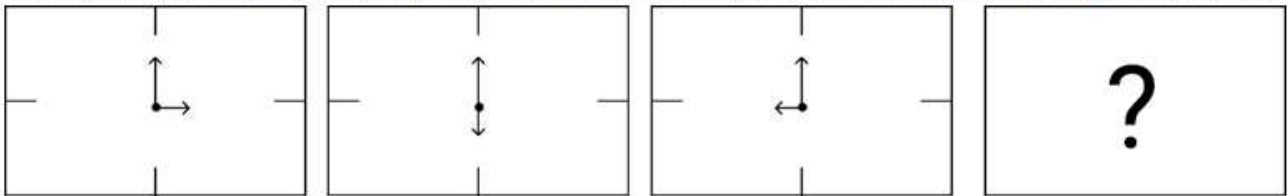
Q.13 27 is related to 3 following a certain logic. Following the same logic, 343 is related to 7. To which of the following is 1331 related following the same logic?

(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. 11
 - ☒ 2. 13
 - ☒ 3. 17
 - ☒ 4. 9

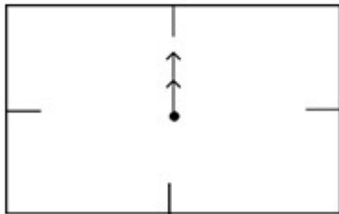
Q.14

Identify the figure given in the options which when put in place of ? will logically complete the series.

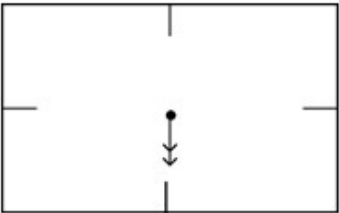


Ans

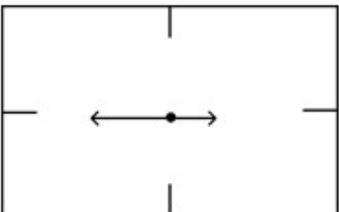
✓ 1.



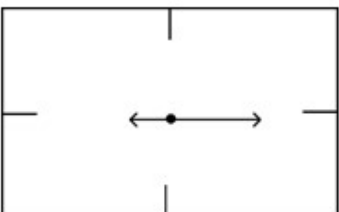
✗ 2.



✗ 3.



✗ 4.



Q.15 If 11 November 2009 was Wednesday, then what was the day of the week on 17 November 2013?

Ans ✗ 1. Friday

✓ 2. Sunday

✗ 3. Saturday

✗ 4. Thursday

Q.16 What should come in place of the question mark (?) in the given series based on the English alphabetical order?
XVS, AYV, DBY, GEB, ?

Ans ✗ 1. EJH

✗ 2. JEH

✗ 3. EHJ

✓ 4. JHE

Q.17 What should come in place of the question mark (?) in the given series?
77, 144, 278, 546, ?

Ans ✓ 1. 1082

✗ 2. 1028

✗ 3. 1208

✗ 4. 1802

Q.18 Which of the following numbers will replace the question mark (?) in the given series?

106, 106, 108, 36, 40, 8 ?

Ans ☒ 1. 14

☐ 2. 10

☐ 3. 28

☐ 4. 22

Q.19 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(59, 246, 23)

(68, 300, 32)

(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. (32, 188, 71)

☒ 2. (42, 213, 29)

☐ 3. (31, 169, 53)

☐ 4. (47, 248, 15)

Q.20 In a certain code language, 'FORK' is coded as '6851' and 'FROG' is coded as '5981'. How is 'K' coded in the given language?

Ans ☐ 1. 1

☐ 2. 5

☐ 3. 9

☒ 4. 6

Q.21 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?

91 B 2 D 22 A 11 C 8 = ?

Ans ☒ 1. 188

☐ 2. 128

☐ 3. 148

☐ 4. 168

Q.22 KLOQ is related to NORT in a certain way based on the English alphabetical order. In the same way, HILN is related to KLOQ. To which of the following is PQTV related, following the same logic?

Ans ☒ 1. STWY

☐ 2. SWTY

☐ 3. SUVY

☐ 4. STUY

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



Ans

✗ 1.



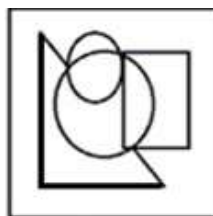
✗ 2.



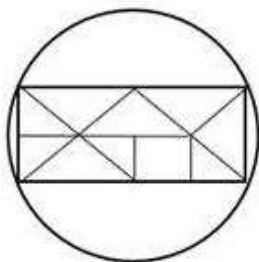
✗ 3.



✓ 4.



Q.24 How many triangles are there in the given figure?



Ans

✗ 1. 10

✗ 2. 8

✓ 3. 14

✗ 4. 11

Q.25 What should come in place of ? in the given series?

281 392 503 614 725 ?

Ans

✗ 1. 846

✗ 2. 856

✗ 3. 866

✓ 4. 836

- Q.1** The given table represents the percentage marks of three students in three subjects. Study the table and answer the question.

subject Student	Geography	History	Economics
Rohan	78	77	74
Sohan	84	80	82
Mohan	87	83	86

The average marks obtain by Sohan in all three subject is equal to:

- Ans**
- ☐ 1. 78
 - ☐ 2. 80
 - ☒ 3. 82
 - ☐ 4. 84

- Q.2** Two circles have radii of 27 cm and 36 cm. The distance between their centres is 45 cm. What is the length (in cm) of their common chord?

- Ans**
- ☐ 1. 37.2 cm
 - ☐ 2. 40.5 cm
 - ☒ 3. 43.2 cm
 - ☐ 4. 47.5 cm

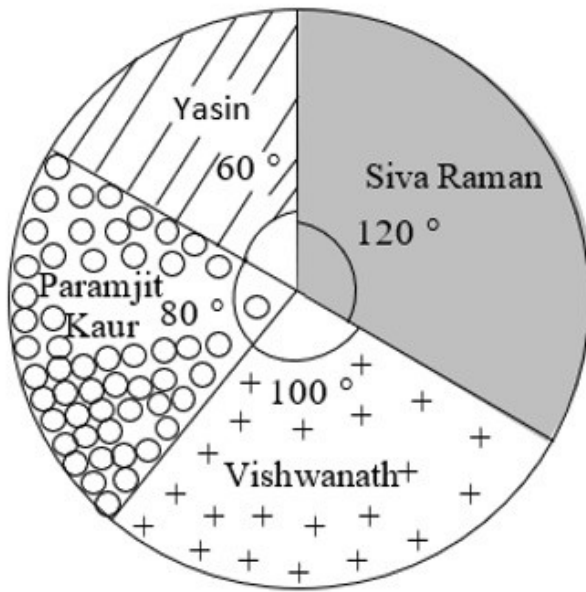
- Q.3** When the integer n is divided by 5, the remainder is 3. What is the remainder if $6n$ is divided by 5?

- Ans**
- ☐ 1. 2
 - ☐ 2. 1
 - ☒ 3. 3
 - ☐ 4. 0

Q.4

Study the given pie-chart and answer the question that follows.

The pie-chart represents the total number of valid votes obtained by four students who contested for school leadership. The total number of valid votes polled was 720.



Who won the election?

Ans

- ☐ 1. Yasin
- ☐ 2. Vishwanath
- ☒ 3. Siva Raman
- ☐ 4. Paramjit Kaur

Q.5

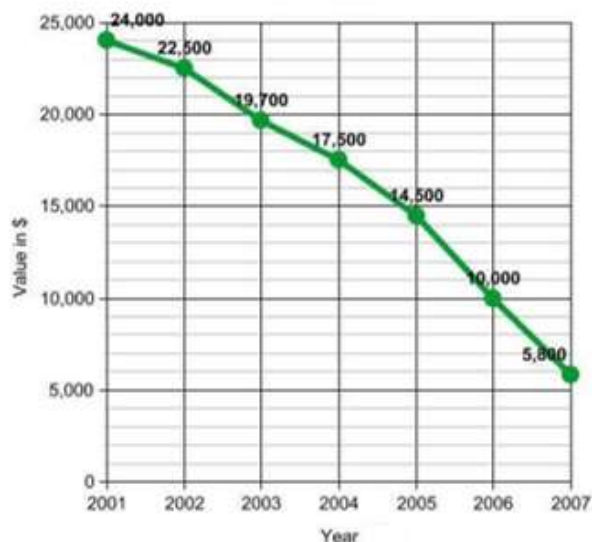
The profit obtained by selling an article for ₹86 is twice the loss obtained by selling the same article for ₹53. Find the cost price.

Ans

- ☐ 1. ₹33
- ☐ 2. ₹22
- ☒ 3. ₹64
- ☐ 4. ₹75

Q.6

Study the given graph and answer the question that follows. The graph represents the depreciation of a car from 2001 to 2007.



What is the depreciation of the car from 2001 to 2007 in percentage?

Ans

✗ 1. 62%

✗ 2. 81.32%

✓ 3. 75.83%

✗ 4. 58%

Q.7 The average of the first 10 natural numbers is _____.

Ans

✓ 1. 5.5

✗ 2. 6.5

✗ 3. 5

✗ 4. 6

Q.8 A metallic solid cuboid of dimensions 36 cm × 22 cm × 12 cm is melted and recast in the form of cubes of side 6 cm. Find the number of the cubes so formed.

Ans

✗ 1. 46

✗ 2. 43

✗ 3. 45

✓ 4. 44

Q.9 To clear the old stock, Arshad offers a discount scheme to his customers - on buying 24 glass tumblers get 12 glass tumblers free. What is the effective percentage discount given by Arshad to his customers?

Ans

✗ 1. $30\frac{1}{3}\%$ ✗ 2. $32\frac{2}{3}\%$ ✓ 3. $33\frac{1}{3}\%$ ✗ 4. $34\frac{2}{3}\%$

Q.10 Suresh studies the pattern of daily sale of a shop. He finds that on Monday, the sale was decreased by 10% in comparison to the sale on Sunday. On Tuesday, the sale was increased by 10% in comparison to the sale of Monday. If the sale on Tuesday was of ₹1,485, how much was the sale on Sunday?

- Ans
- ☐ 1. ₹1,495
 - ☐ 2. ₹1,475
 - ☐ 3. ₹1,485
 - ☒ 4. ₹1,500

Q.11 Identify a single-digit number other than 1, which may exactly divide the number $17^3 + 18^3 - 16^3 - 15^3$.

- Ans
- ☒ 1. 2
 - ☐ 2. 3
 - ☐ 3. 5
 - ☐ 4. 7

Q.12 If $\tan(t) = \frac{3}{7}$, t is an acute angle, then what is the value of $\operatorname{cosec}(t)$?

- Ans
- ☐ 1. $\frac{\sqrt{53}}{7}$
 - ☐ 2. $\frac{\sqrt{53}}{3}$
 - ☒ 3. $\frac{\sqrt{58}}{3}$
 - ☐ 4. $\frac{\sqrt{58}}{7}$

Q.13 Pranav gave 30% of the money he had to his wife, and 86% of the remaining to his two children. Half of the amount left was spent on other things, and the remaining amount of ₹98,000 was deposited in the bank. How much money did he have initially?

- Ans
- ☒ 1. ₹20,00,000
 - ☐ 2. ₹40,00,000
 - ☐ 3. ₹10,00,000
 - ☐ 4. ₹30,00,000

Q.14 What will be the amount due on ₹12,000 in 2 years when the rate of simple interest on successive years is 9% and 10%, respectively?

- Ans
- ☐ 1. ₹14,250
 - ☒ 2. ₹14,280
 - ☐ 3. ₹14,350
 - ☐ 4. ₹14,150

Q.15 If the radius of a sphere is increased by 3.5 cm, its surface area increases by 550 cm^2 . What was the original radius of the sphere? (use $\pi = \frac{22}{7}$)

- Ans
- ☒ 1. 4.5 cm
 - ☐ 2. 3.5 cm
 - ☐ 3. 4 cm
 - ☐ 4. 6 cm

Q.16 ABC is a right-angled triangle, right angled at A in such a way that $AB = AC$ and the bisector of angle B intersects the side AC at D. DM is perpendicular to BC, intersecting BC at M. If $AB = 12$ cm and $BC = 12\sqrt{2}$ cm, then find the length of side AD.

Ans

☐ 1. $12(\sqrt{2} + 2)$ cm

☐ 2. $12(\sqrt{2} - 2)$ cm

☒ 3. $12(\sqrt{2} - 1)$ cm

☐ 4. $12(\sqrt{2} + 1)$ cm

Q.17 Rohan takes 10 hours to mow a large lawn. He and Mohan together can mow it in 4 hours. How long will Mohan take to mow the lawn if he works alone?

Ans

☐ 1. $\frac{16}{3}$ hours

☒ 2. $\frac{20}{3}$ hours

☐ 3. $\frac{40}{3}$ hours

☐ 4. $\frac{10}{3}$ hours

Q.18 Two numbers are in the ratio 2:3. Their sum is 135. Find the numbers.

Ans

☐ 1. 50,85

☐ 2. 60, 75

☒ 3. 54, 81

☐ 4. 45,90

Q.19 A's income is equal to 125% of the income of B, while B's savings are 120% of the savings of A. If the expenditure of B is 75% of the expenditure of A, then how much are B's savings as a percentage of her expenditure?

Ans

☒ 1. 20%

☐ 2. $22\frac{1}{2}\%$

☐ 3. $18\frac{3}{4}\%$

☐ 4. $16\frac{2}{3}\%$

Q.20 The ratio of the speeds of a boat while going upstream and going downstream is 2 : 3 and the sum of these two speeds is 15 km/h. What is the speed of the stream?

Ans

☐ 1. 3.5 km/h

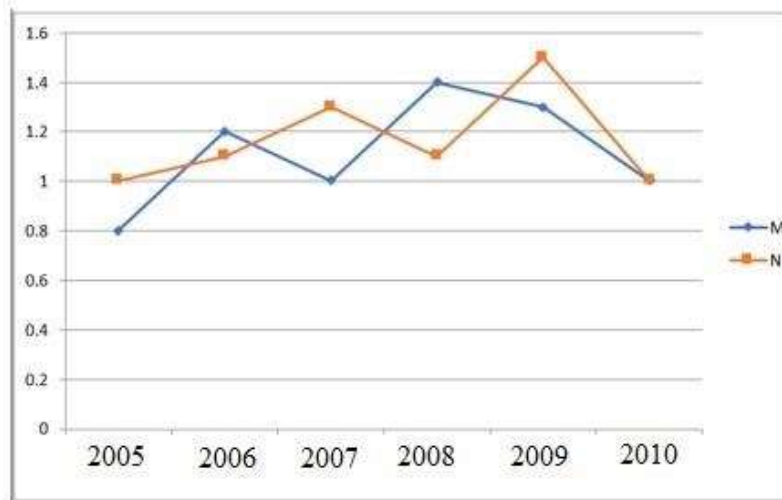
☒ 2. 1.5 km/h

☐ 3. 3 km/h

☐ 4. 2.5 km/h

Q.21

The following line graph shows the ratio of imports to exports of two companies over the years. Study the graph carefully and answer the question that follows.



The exports of Company M with relation to imports was the maximum in which of the following years?

- Ans
- ☒ 1. 2005
 - ☐ 2. 2009
 - ☐ 3. 2008
 - ☐ 4. 2006

Q.22 A two-digit number is 12 more than five times the sum of its digits. The number formed by reversing the digits is 9 less than the original number. The number is:

- Ans
- ☐ 1. 96
 - ☐ 2. 78
 - ☐ 3. 69
 - ☒ 4. 87

Q.23 The length of a common external tangent to two circles of an equal radius of 5 units is equal to the diameter of the circle. Which of the following can be the distance between the centres of the circles in units?

- Ans
- ☒ 1. 10
 - ☐ 2. 12
 - ☐ 3. 9
 - ☐ 4. 8

Q.24 X and Y are two points on the circumference of a circle having diameter 20 cm. The length of the line segment XY is 16 cm. Find the distance (in cm) of the line segment XY from the centre of the circle.

- Ans
- ☒ 1. 6
 - ☐ 2. 3
 - ☐ 3. 5
 - ☐ 4. 4

Q.25 The perimeter of a square whose area is the same as the area of a semi-circle of radius $2\sqrt{2}$ cm is:

Ans

- ☐ 1. $4\sqrt{\pi}$ cm
- ☐ 2. $16\sqrt{\pi}$ cm
- ☐ 3. $8\sqrt{2\pi}$ cm
- ☒ 4. $8\sqrt{\pi}$ cm

Section : General Awareness

Q.1 The Government of India's Ministry of Culture organised a programme called Vitasta in January 2023. This programme exhibits rich culture, arts and crafts of which region?

Ans

- ☐ 1. Himachal
- ☐ 2. Punjab
- ☒ 3. Kashmir
- ☐ 4. Ladakh

Q.2 Who founded a reformist organisation called 'Brahmo Samaj' in Calcutta?

Ans

- ☐ 1. Vinoba Bhave
- ☒ 2. Raja Ram Mohan Roy
- ☐ 3. Ishwar Chandra Vidyasagar
- ☐ 4. Jyotiba Phule

Q.3 Which state organises the Lokrang Festival?

Ans

- ☐ 1. Arunachal Pradesh
- ☐ 2. Uttar Pradesh
- ☐ 3. Himachal Pradesh
- ☒ 4. Madhya Pradesh

Q.4 'Pankhida' songs are sung by peasants of _____ while working on the fields.

Ans

- ☐ 1. Odisha
- ☐ 2. Bihar
- ☒ 3. Rajasthan
- ☐ 4. Uttar Pradesh

Q.5 Which cost is considered for calculating the national income in India?

Ans

- ☒ 1. Factor cost
- ☐ 2. Product cost
- ☐ 3. Market cost
- ☐ 4. Sunk cost

Q.6 Which of the following organisation's initiative is 'India Justice Report'?

Ans

- ☒ 1. Tata Trusts
- ☐ 2. Azim Premji Foundation
- ☐ 3. Infosys Foundation
- ☐ 4. HCL Foundation

Q.7 Which of the following is an input device?

- Ans**
- ☐ 1. Speaker
 - ☐ 2. Monitor
 - ☐ 3. Printer
 - ☒ 4. Keyboard

Q.8 Western disturbances are responsible for:

- Ans**
- ☐ 1. extremely chilled weather of north-east India
 - ☐ 2. dusty storms in eastern coastal area of India
 - ☒ 3. rainfall during winters in north-western part of India
 - ☐ 4. hot winds during summers in northern India

Q.9 Which type of electromagnetic radiation was discovered by Johann Wilhelm Ritter in 1801?

- Ans**
- ☐ 1. X-rays
 - ☒ 2. Ultraviolet rays
 - ☐ 3. Infrared rays
 - ☐ 4. Gamma rays

Q.10 Indian Railway was introduced in the year _____.

- Ans**
- ☐ 1. 1852
 - ☐ 2. 1851
 - ☒ 3. 1853
 - ☐ 4. 1850

Q.11 Which of the following statements is/are true with respect to MRTP Act?

- i) The Monopolies and Restrictive Trade Practices Act (MRTP Act) was repealed and replaced by the Competition Act, 2002.
- ii) The asset limit for MRTP companies was fixed at Rs. 25 crores by the first/original Monopolies and Restrictive Trade Practices Act (MRTP Act).
- iii) The Monopolies and Restrictive Trade Practices Act (MRTP Act) was first passed in 1969.

- Ans**
- ☒ 1. Only i and iii
 - ☐ 2. Only ii and iii
 - ☐ 3. Only iii
 - ☐ 4. Only i and ii

Q.12 _____ is a musical composition that expresses devotion through madhura bhakti.

- Ans**
- ☐ 1. Tillana
 - ☒ 2. Padam
 - ☐ 3. Gita
 - ☐ 4. Kriti

Q.13 Which state secured over all third position in the medals tally at the 36th National Games (2022) of India?

- Ans**
- ☒ 1. Haryana
 - ☐ 2. Delhi
 - ☐ 3. Kerala
 - ☐ 4. Maharashtra

Q.14 In the 11th century, under Maḥmūd of Ghazni, Ghaznī, a small town in _____, became the capital of the vast empire of the Ghaznavids.

- Ans**
- ☐ 1. Turkey
 - ☐ 2. Egypt
 - ☐ 3. Persia
 - ☒ 4. Afghanistan

Q.15 Which set of Articles in the Constitution of India are known as 'Cultural and Educational Rights'?

- Ans**
- ☐ 1. Articles 19-20
 - ☒ 2. Articles 29-30
 - ☐ 3. Articles 14-15
 - ☐ 4. Articles 23-24

Q.16 In which of the following regions of India is the Mundari language spoken?

- Ans**
- ☐ 1. Malwa plateau
 - ☐ 2. Thar desert
 - ☒ 3. Chota-Nagpur plateau
 - ☐ 4. Baghelkhand

Q.17 Pandit Birju Maharaj was related to:

- Ans**
- ☐ 1. Ozele
 - ☒ 2. Kathak
 - ☐ 3. Odissi
 - ☐ 4. Tapu

Q.18 A school teacher asks students to stand up every time national anthem is sung. Which Article enshrines this fundamental duty?

- Ans**
- ☐ 1. Article 51 (d)
 - ☐ 2. Article 51 (c)
 - ☐ 3. Article 51 (b)
 - ☒ 4. Article 51A (a)

Q.19 In which year did the Indian football team go on its first known official international tour?

- Ans**
- ☐ 1. 1947
 - ☐ 2. 1914
 - ☐ 3. 1950
 - ☒ 4. 1924

Q.20 Why is the six membered cyclic structure of glucose called a pyranose structure?

- Ans**
- ☐ 1. Pyran is a non-cyclic organic compound, with one oxygen atom and five carbon atoms in the ring.
 - ☒ 2. Pyran is a cyclic organic compound, with one oxygen atom and five carbon atoms in the ring.
 - ☐ 3. Furan is a five membered non-cyclic compound, with one oxygen and four carbon atoms.
 - ☐ 4. Furan is a five membered cyclic compound, with one oxygen and four carbon atoms.

Q.21 When a new text document is created in MS-Office 2016, the default text size of the document is _____.

- Ans**
- ☐ 1. 10 points
 - ☐ 2. 14 points
 - ☐ 3. 12 points
 - ☒ 4. 11 points

Q.22 Recently, a bill on Uniform Civil Code (UCC) was introduced. Consider the following statements about UCC and identify the correct statement(s) from them.

1. The Uniform Civil Code in India Bill, 2020, was introduced in the Lok Sabha as a private member bill.
2. UCC refers to the same set of civil laws applicable to all the citizens of India in all the personal matters.
3. The provision for UCC in the Constitution of India is mentioned under Article 44.

Ans ☒ 1. Only 1
☒ 2. Only 1 and 3
☒ 3. Only 2 and 3
☒ 4. Only 3

Q.23 According to the National Multidimensional poverty index 2021, which of the following states has the lowest percentage of population being multidimensional poor?

Ans ☒ 1. Maharashtra
☒ 2. Punjab
☒ 3. Sikkim
☒ 4. Bihar

Q.24 India is home to the second oldest cricket club in the world. Where is it situated?

Ans ☒ 1. Kolkata
☒ 2. Chennai
☒ 3. Mumbai
☒ 4. Hyderabad

Q.25 Which of the following types of crops are sown at the beginning of the monsoon season?

Ans ☒ 1. Zaid crops
☒ 2. Rabi crops
☒ 3. Vital crops
☒ 4. Kharif crops