Combined Higher Secondary Level Examination 2024 Tier I

Exam Date	09/07/2024
Exam Time	11:45 AM - 12:45 PM
Subject	CHSL Exam 2024 Tier I

Section : English Language

Q.1 **Identify the error in the given sentence and select the correct sentence from the given options.**
This is the story of eight round planets, the few rocks in between, and some comets.

Ans ✗ 1. This is story of eight round planets, few rocks in between, and some comets.

✗ 2. This is a story of eight round planets, few rocks in between, and some comets.

✗ 3. This is the story of eight round planets, few rocks in between, and some comets.

✓ 4. This is the story of eight round planets, a few rocks in between, and some comets.

Q.2 **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**

Everyone have/ to join health orientation/ classes before/ going for trekking.

Ans ✗ 1. to join health orientation

✓ 2. Everyone have

✗ 3. going for trekking

✗ 4. classes before

Q.3 **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**
Our plane / arrived at / the Mumbai airport / at the right time.

Ans ✗ 1. arrived at

✗ 2. Our plane

✗ 3. at the right time

✓ 4. the Mumbai airport

Q.4 **The following sentence has been split into four segments. Identify the segment that contains a grammatical error.**
It was noticed / that he truthful / answered the questions / raised by the Headmistress.

Ans ✓ 1. that he truthful

✗ 2. It was noticed

✗ 3. raised by the Headmistress.

✗ 4. answered the questions

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in the blanks.

Our country, India, is one of the 12 mega bio-diversity countries of the world. With about 47,000 plant species, India (1)_____ tenth place in the world and fourth in Asia in plant diversity. There are (2)_____ 15,000 flowering plants in India, which account for 6 per cent of the world's (3)_____ number of flowering plants. The country has many non-flowering plants, (4)_____ as ferns, algae and fungi. India also has approximately 90,000 (5)____ of animals, as well as a rich variety of fish in its fresh and marine waters.

SubQuestion No : 5

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

Ans   ✗ 1. have

     ✓ 2. occupies

     ✗ 3. had

     ✗ 4. occupy

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in the blanks.

Our country, India, is one of the 12 mega bio-diversity countries of the world. With about 47,000 plant species, India (1)_____ tenth place in the world and fourth in Asia in plant diversity. There are (2)_____ 15,000 flowering plants in India, which account for 6 per cent of the world's (3)_____ number of flowering plants. The country has many non-flowering plants, (4)_____ as ferns, algae and fungi. India also has approximately 90,000 (5)____ of animals, as well as a rich variety of fish in its fresh and marine waters.

SubQuestion No : 6

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

Ans   ✗ 1. a

     ✗ 2. many

     ✗ 3. of

     ✓ 4. about

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in the blanks.

Our country, India, is one of the 12 mega bio-diversity countries of the world. With about 47,000 plant species, India (1)_____ tenth place in the world and fourth in Asia in plant diversity. There are (2)_____ 15,000 flowering plants in India, which account for 6 per cent of the world's (3)_____ number of flowering plants. The country has many non-flowering plants, (4)_____ as ferns, algae and fungi. India also has approximately 90,000 (5)____ of animals, as well as a rich variety of fish in its fresh and marine waters.

SubQuestion No : 7

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

Ans   ✗ 1. exact

     ✗ 2. nearly

     ✗ 3. exactly

     ✓ 4. total

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in the blanks.

Our country, India, is one of the 12 mega bio-diversity countries of the world. With about 47,000 plant species, India (1)_____ tenth place in the world and fourth in Asia in plant diversity. There are (2)_____ 15,000 flowering plants in India, which account for 6 per cent of the world's (3)_____ number of flowering plants. The country has many non-flowering plants, (4)_____ as ferns, algae and fungi. India also has approximately 90,000 (5)____ of animals, as well as a rich variety of fish in its fresh and marine waters.

SubQuestion No : 8

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

Ans   ✗ 1. as

     ✓ 2. such

     ✗ 3. in

     ✗ 4. for

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in the blanks.

Our country, India, is one of the 12 mega bio-diversity countries of the world. With about 47,000 plant species, India (1)_____ tenth place in the world and fourth in Asia in plant diversity. There are (2)_____ 15,000 flowering plants in India, which account for 6 per cent of the world's (3)_____ number of flowering plants. The country has many non-flowering plants, (4)_____ as ferns, algae and fungi. India also has approximately 90,000 (5)____ of animals, as well as a rich variety of fish in its fresh and marine waters.

SubQuestion No : 9

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

Ans ✗ 1. specie

✓ 2. species

✗ 3. kind

✗ 4. type

Q.10 Select the most appropriate option that can substitute the underlined segment in the given sentence.
She <u>finished her quickly breakfast</u> and rushed to school.

Ans ✓ 1. finished her breakfast quickly

✗ 2. quickly her breakfast finished

✗ 3. her breakfast finished quickly

✗ 4. finished breakfast hers quickly

Q.11 Select the most appropriate ANTONYM of the bracketed word in the following sentence to fill in the blank.
Lewis was aggressive, _____ (normal), moody, and brilliantly clever.

Ans ✗ 1. feeble

✓ 2. eccentric

✗ 3. dogmatic

✗ 4. selfish

Q.12 Select the most appropriate option to fill in the blank.
I am scared of snakes; likewise, you are _____ of lizards.

Ans ✗ 1. passionate

✗ 2. critical

✗ 3. fond

✓ 4. fearful

Q.13 Select the option that can substitute the bracketed word segment meaningfully.
Writing can instil a number of emotions (as in a reader).

Ans ✗ 1. until a reader

✗ 2. among a reader

✓ 3. within a reader

✗ 4. instead a reader

Q.14 Select the sentence which gives the most appropriate meaning of the given idiom.
A piece of cake

Ans ✗ 1. Despite the heavy rain, they managed to have a successful outdoor event.

✓ 2. The restaurant was crowded, but they found a table without any difficulty.

✗ 3. The puzzle was so challenging that it took hours for Sam to solve it.

✗ 4. After months of practice, Emily performed her piano piece flawlessly during the concert.

Q.15 Select the most appropriate synonym of the given word.
Attire

Ans ✗ 1. Park

✓ 2. Dress

✗ 3. Theatre

✗ 4. Hotel

Q.16 Select the most appropriate ANTONYM of the underlined word in the given sentence.
The dog was <u>agitated</u> and bit the child.

Ans ✗ 1. steady

✗ 2. nerveless

✗ 3. quiescent

✔ 4. serene

Q.17 There is a spelling error in the given sentence. Select the option that contains the INCORRECTLY spelt word.
He was thrilled when he heard about there journey to wonderland.

Ans ✗ 1. journey

✗ 2. thrilled

✔ 3. there

✗ 4. heard

Q.18 Select the most appropriate option to fill in the blank.

I have observed that there is proper natural _____ even at 6 o'clock on summer mornings.

Ans ✔ 1. light

✗ 2. sparkle

✗ 3. lucent

✗ 4. gleam

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

Hypocrisy

Ans ✗ 1. Harm

✗ 2. Sincerity

✔ 3. Deceit

✗ 4. Truth

Q.20 Select the most appropriate synonym of the given word.

Bliss

Ans ✗ 1. Consecration

✔ 2. Pleasure

✗ 3. Genesis

✗ 4. Avail

Q.21 Select the most appropriate option that can substitute the underlined words in the following sentence.
I consider that every matter must be considered <u>in every point</u> of view.

Ans ✗ 1. of every point

✔ 2. from every point

✗ 3. at every point

✗ 4. on every point

Q.22 Select the INCORRECTLY spelt word.

Ans ✔ 1. Condimnation

✗ 2. Intermingled

✗ 3. Imprisonment

✗ 4. Conglomerate

Q.23 Select the most appropriate synonym of the underlined word.
The sun was shining bright and <u>intense</u> in the sky.

Ans ✗ 1. Mild

✓ 2. Strong

✗ 3. Subtle

✗ 4. Weak

Q.24 Select the most appropriate meaning of the given idiom.

Under the weather

Ans ✗ 1. To feel secure

✗ 2. To enjoy the weather

✓ 3. To feel unwell

✗ 4. To work against the weather

Q.25 Select the most appropriate option that can substitute the underlined segment in the given sentence.
Once bitten, <u>thrice shy</u>.

Ans ✗ 1. always shy

✗ 2. never shy

✗ 3. once shy

✓ 4. twice shy

Section : **General Intelligence**

Q.1 What should come in place of the question mark (?) in the given series?
58, 73, 90, 109, ?

Ans ✗ 1. 103

✗ 2. 310

✗ 3. 301

✓ 4. 130

Q.2 Based on the alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster does not belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster.)
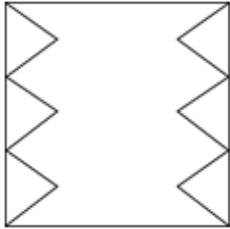
Ans ✓ 1. ILO

✗ 2. NQU

✗ 3. DGK

✗ 4. JMQ

Q.3 A paper is folded and cut as shown below. How will it appear when unfolded?
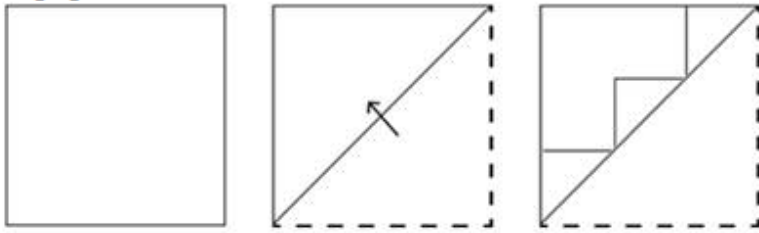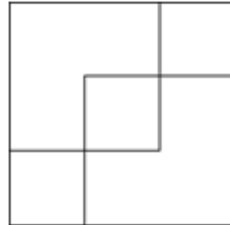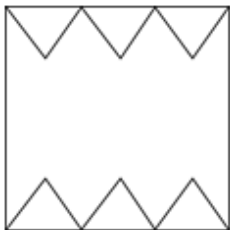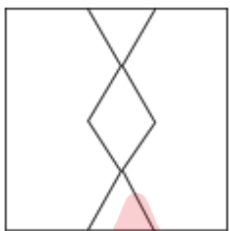
Ans

✗ 1.

✓ 2.

✗ 3.

✗ 4.

Q.4 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:
All dresses are clouds.
Some clouds are tables.
Some tables are stones.
Conclusion (I): All stones are dresses.
Conclusion (II): Some dresses are tables.

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

✗ 2. Only conclusion (I) follows.

✗ 3. Only conclusion (II) follows.

✗ 4. Both conclusions (I) and (II) follow.

Q.5 What should come in place of the question mark (?) in the given series based on the English alphabetical order?
ACW, FHB, KMG, PRL, ?

Ans ✗ 1. UQW

✓ 2. UWQ

✗ 3. VQW

✗ 4. VWQ

Q.6 $[\frac{17}{41}]$ is related to $[\frac{34}{41}]$ following a certain logic. Following the same logic, $[\frac{11}{85}]$ is related to $[\frac{22}{85}]$. To which of the following is $[\frac{13}{77}]$ 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/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. $[\frac{24}{75}]$

✗ 2. $[\frac{29}{77}]$

✗ 3. $[\frac{23}{77}]$

✔ 4. $[\frac{26}{77}]$

Q.7 If 29 July 2001 is Sunday, then what will be the day of the week on 20 February 2015?

Ans

✗ 1. Tuesday

✔ 2. Friday

✗ 3. Sunday

✗ 4. Monday

Q.8 In a certain code language, 'get enough sleep' is coded as 'ab de jf' and 'go get it' is coded as 'jk ab gh'. How is 'get' coded in that language?

Ans

✗ 1. jk

✗ 2. de

✔ 3. ab

✗ 4. jf

Q.9 'STEM' is related to 'HGVN' in a certain way based on the English alphabetical order. In the same way, 'QUIT' is related to 'JFRG'. To which of the following is 'ACCOUNTABLE' related, following the same logic?

Ans

✔ 1. ZXXLFMGZYOV

✗ 2. ZXXLFMGZYOU

✗ 3. ZXXLFMZGYOV

✗ 4. ZXXFLMGZYOV

Q.10 What should come in place of the question mark (?) to complete the following letter-cluster series?
UME, OPG, ISJ, EVN, ?

Ans

✗ 1. AYR

✗ 2. BYS

✔ 3. AYS

✗ 4. AXS

Q.11 Which of the following numbers will replace the question mark (?) in the given series?

$[\frac{37}{5}]$, $[\frac{32}{5}]$, $[\frac{27}{5}]$, $[\frac{22}{5}]$, $[\frac{17}{5}]$, ?

Ans
✓ 1. $[\frac{12}{5}]$

✗ 2. $[\frac{9}{5}]$

✗ 3. $[\frac{16}{5}]$

✗ 4. $[\frac{14}{5}]$

Q.12 What will come in the place of the question mark (?) in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?

$216 \times 9 + 52 - 7 \div 7 = ?$

Ans
✗ 1. 20

✗ 2. 22

✓ 3. 21

✗ 4. 19

Q.13 Select the set in which the numbers are related in the same way as are the numbers of the given sets.
(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.)
(180, 45, 90)
(128, 32, 64)

Ans
✗ 1. (248, 60, 124)

✗ 2. (170, 43, 85)

✓ 3. (224, 56, 112)

✗ 4. (186, 46, 93)

Q.14 Select the correct mirror image of the given figure when the mirror is placed at MN.

M

t g P L 8 2

N

Ans
✗ 1. ⱫⱵꞀԀᵷꚋ

✗ 2. ⱢᵷꞀԀꚼꚋ

✗ 3. ⱫⱵꞀꚼᵷ t

✓ 4. ⱢᵷꞀꚼꚋ
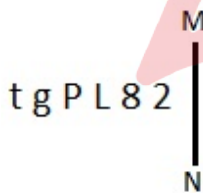
Q.15 Which of the following numbers will replace the question mark (?) in the given series?

7   13   39   46   138   146   438   447   ?

Ans
✗ 1. 1247

✗ 2. 1146

✗ 3. 1138

✓ 4. 1341

Q.16 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

M

Lj39fcv|

N

Ans ✓ 1. vɔʇɘƐįˡ

✗ 2. Lj6ʇ39įl

✗ 3. ʌɔʇɘƐįˡ

✗ 4. vɔfɘƐįˡ
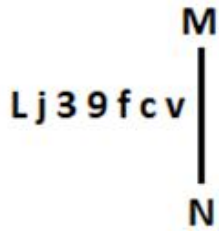
Q.17 How many triangles are there in the given figure?
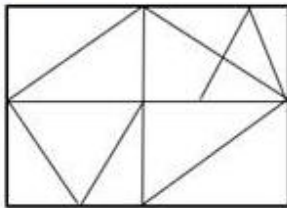
Ans ✓ 1. 17

✗ 2. 11

✗ 3. 10

✗ 4. 12

Q.18 If 25 October 2004 was Monday, then what was the day of the week on 2 November 2007?

Ans ✓ 1. Friday

✗ 2. Saturday

✗ 3. Thursday

✗ 4. Wednesday

Q.19 In a certain code language
A + B means 'A is the mother of B'
A – B means 'A is the brother of B'
A × B means 'A is the wife of B'
A ÷ B means 'A is the father of B'
Based on the above, how is G related to K if 'G + J ÷ H × I − K'?

Ans ✗ 1. Brother's wife's sister

✗ 2. Brother's wife's mother

✓ 3. Brother's wife's father's mother

✗ 4. Brother's wife's father's sister

Q.20 Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.
(The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)
Trim : Hair

Ans ✓ 1. Prune : Hedge

✗ 2. Pluck : Flower

✗ 3. Clip : Clothes

✗ 4. Harvest : Corn

Q.21 If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '−', then the resultant of which of the following will be 428?

Ans ✗ 1. 113 A 4 D 62 B 2 C 7

✔ 2. 113 B 4 D 62 A 2 C 7

✗ 3. 113 B 4 A 62 D 2 C 7

✗ 4. 113 B 4 C 62 A 2 D 7

Q.22 What will come in the place of the question mark (?) in the following equation, if '+' and '×' are interchanged and '−' and '÷' are interchanged?

$98 - 14 \times 11 + 6 \div 23 = ?$

Ans ✔ 1. 50

✗ 2. 55

✗ 3. 52

✗ 4. 56

Q.23 Select the correct mirror image of the given figure when the mirror is placed at MN.

M

kL5Gre

N

Ans ✗ 1. əɿ⅁5Ɉk

✗ 2. əɿ⅁5Lʞ

✔ 3. əɿ⅁5Ɉk

✗ 4. əɿ⅁5Ɉʞ

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

@ + # −	# @ − +	− # + @	+ − @ #	?

Ans

✗ 1.
@	−
#	+

✗ 2.
#	+
−	@

✔ 3.
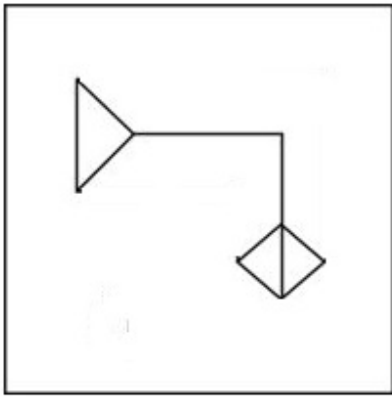|	
@	+
#	−

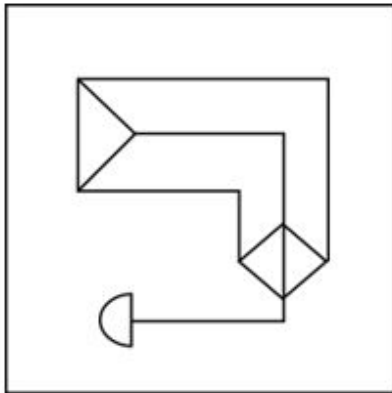✗ 4.
−	@
+	#

Q.25 Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).
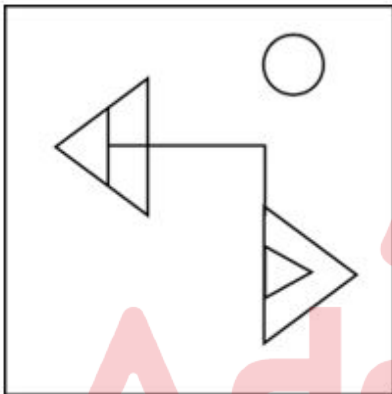

(X)

Ans
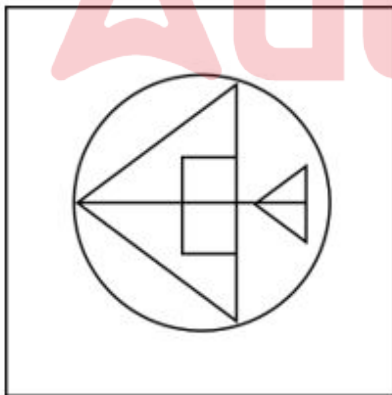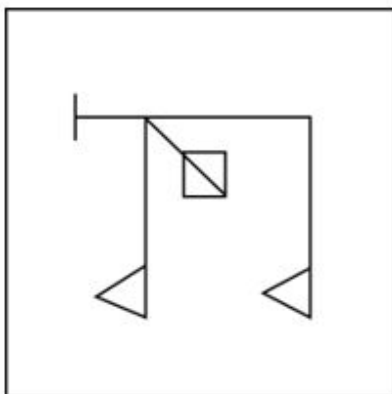

✔ 1.

✗ 2.

✗ 3.

✗ 4.

Q.1 If the intersection point of the equations 3p − 2q + 23 = 0 and −2p + q − 13 = 0 on the graph is (p, q), then the value of (3p + q) is equal to:

Ans ✗ 1. 2

✗ 2. 1

✔ 3. −2

✗ 4. −1

Q.2 The age of a tree depends on the number of rings in the trunk. The value of a such tree is proportional to its age. If a tree with 40 rings and 50 years of age has a value of ₹50,000, then a tree with 30 rings is ____ years of age and its value is ₹_____.

Ans ✗ 1. 37.5, 57500

✔ 2. 37.5, 37500

✗ 3. 57.5, 57500

✗ 4. 57.5, 37500

Q.3 Simply the following expression.

$$469 \div \left[270 \div \left(\frac{3}{7} \times 35\right) + (19 \times 3) - \left(\frac{21}{2} - \frac{5}{2}\right)\right]$$

Ans ✔ 1. 7

✗ 2. 13

✗ 3. 11

✗ 4. 9

Q.4 How many cubes of edge 15 cm can be put in a cubical box of 3 m edge?

Ans ✗ 1. 9000

✗ 2. 1050

✔ 3. 8000

✗ 4. 2000

Q.5 If a sum of ₹3,260 on simple interest amounts to ₹5,420 in 6 years, then what will this sum amount to in 4 years at the same rate of interest?

Ans ✔ 1. ₹4,700

✗ 2. ₹3,700

✗ 3. ₹3,900

✗ 4. ₹4,500

Q.6 If $\tan \theta = \frac{7}{4}$, then the value of $\frac{4 \sin \theta - 3 \cos \theta}{4 \sin \theta + 3 \cos \theta}$ is equal to:

Ans ✔ 1. $\frac{2}{5}$

✗ 2. $\frac{1}{3}$

✗ 3. $\frac{4}{5}$

✗ 4. $\frac{3}{5}$

Q.7 A closed cylindrical tank of radius 1.5 m and height 3 m is made from a sheet of metal, how much sheet of metal is required to do it?

Ans
✗ 1. 42.24 square metre

✗ 2. 24.42 square metre

✔ 3. 42.42 square metre

✗ 4. 24.24 square metre

Q.8 The total income of three families is ₹72,000. Their expenditures are 80%, 85% and 75%, respectively. If the savings are in the ratio 8 : 9 : 20, then the income of the second family is:

Ans
✗ 1. ₹32,000

✗ 2. ₹16,000

✗ 3. ₹40,000

✔ 4. ₹24,000

Q.9 △XYZ is similar to △PQR. If the ratio of the perimeter of △XYZ to the perimeter of △PQR is 16 : 9 and PQ = 3.6 cm, then what is the length (in cm) of XY?

Ans
✗ 1. $2\frac{3}{5}$

✗ 2. $4\frac{3}{5}$

✔ 3. $6\frac{2}{5}$

✗ 4. $3\frac{4}{5}$

Q.10 Two cubes have their volumes in the ratio 1 : 125. Find the ratio of their surface areas.

Ans
✗ 1. 1 : 125

✔ 2. 1 : 25

✗ 3. 25 : 1

✗ 4. 1 : 5

Q.11 A dishonest dealer professes to sell his goods at the cost price, but he uses a false weight of 850 grams per 1 kg weight. Find the percentage of his gain. (Correct up to two decimal places)

Ans
✔ 1. 17.65%
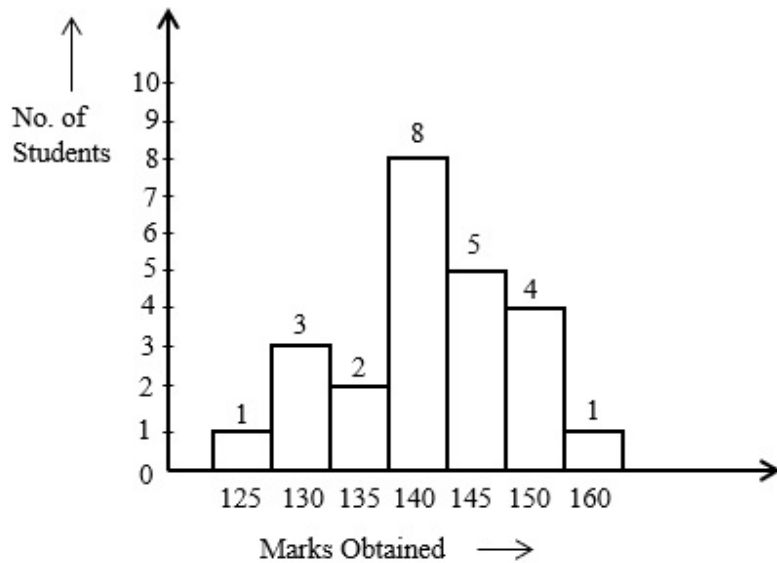
✗ 2. 17.45%

✗ 3. 17.54%

✗ 4. 17.56%

Q.12 What is the value of the following expression?

$$\left(24 \div 3 \text{ of } \frac{1}{6}\right) \times \left(\frac{4}{5} \div \frac{9}{8} \times \frac{3}{5}\right) \div \left(\frac{4}{7} \div \frac{3}{14} \text{ of } \frac{3}{14}\right)$$

Ans
✗ 1. $\frac{579}{459}$

✔ 2. $\frac{288}{175}$

✗ 3. $\frac{379}{179}$

✗ 4. $\frac{363}{553}$

Q.13 Study the given bar-graph and answer the question that follows.

How many students obtained more than 135 marks?

Ans   ✗ 1. 17

✗ 2. 19

✗ 3. 13

✔ 4. 18

Q.14 If Ramu's salary is 30% less than Somu's salary, then by how much percent is Somu's salary more than Ramu's salary?

Ans   ✗ 1.   42.67%

✔ 2.   42.86%

✗ 3. 45.47%

✗ 4.   34.56%

Q.15 A shopkeeper allows a discount of 22% to his customers and still gains 36%. Find the marked price (in ₹) of an article which costs ₹1,092 to the shopkeeper.

Ans   ✗ 1. 1,792

✗ 2. 2,024

✗ 3. 1,872

✔ 4. 1,904

Q.16 PQ and RS are two chords of a circle such that PQ = 12 cm and RS = 20 cm and PQ is parallel to RS. If the distance between PQ and RS is 4 cm, find the diameter of the circle.

Ans   ✗ 1. $2\sqrt{34}$ cm

✗ 2. $3\sqrt{34}$ cm

✗ 3. $6\sqrt{34}$ cm

✔ 4. $4\sqrt{34}$ cm

Q.17 The following table shows the number of employees working in four organisations during six years. Answer the questions that follow.

| Organization	Year					
	2010	2011	2012	2013	2014	2015
X	52	82	62	34	68	76
Y	105	80	120	160	95	100
Z	103	86	88	212	180	129
T	153	221	128	126	97	106

What is the average number of employees in organisations Y, Z and T in 2013?

Ans
✔ 1. 166

✘ 2. 168

✘ 3. 170

✘ 4. 172

Q.18 30 men working 5 hours a day can do work in 18 days. In how many days will 20 men working 7 hours a day do the same work?

Ans
✘ 1. $11\frac{3}{7}$

✘ 2. $16\frac{5}{7}$

✔ 3. $19\frac{2}{7}$

✘ 4. $13\frac{1}{7}$

Q.19 Study the given bar-graph and answer the question that follows.
The bar-graph represents the number of boys and girls in different sections of class 12.
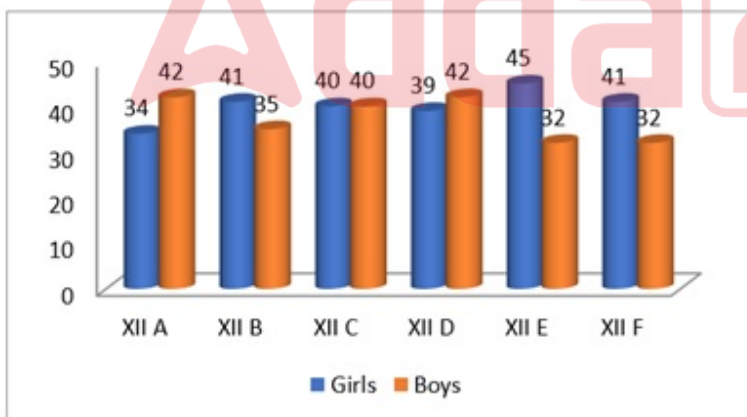
The average number of girls in each section is:

Ans
✘ 1. 42

✘ 2. 43

✘ 3. 37

✔ 4. 40

Q.20 The average salary of a group of 12 employees in an institution is ₹3,950 per month and that of another group of employees is ₹1,850. If the average salary of all employees is ₹2,150, then the total number of employees is:

Ans ✗ 1. 100

  ✗ 2. 88

  ✔ 3. 84

  ✗ 4. 72

Q.21 A part of the journey is covered in 22.5 minutes at a speed of 68 km/h and the remaining part in 12 minutes at a speed of 72 km/h. The total distance of the journey is (to the nearest integer):

Ans ✔ 1. 40 km

  ✗ 2. 38 km

  ✗ 3. 42 km

  ✗ 4. 35 km

Q.22 The pie chart below depicts the percentage distribution of the costs associated with publishing a book.
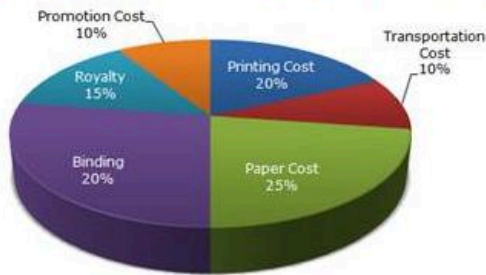
What will be the royalty rate for these books if the publisher is required to pay Rs.30,600 in printing costs for a specific number of volumes?

Ans ✗ 1. Rs.21,200

  ✗ 2. Rs.26,150

  ✗ 3. Rs.19,450

  ✔ 4. Rs.22,950

Q.23 PQ is the diameter of a circle with centre O. PT is a tangent touching the circle at P. The secant QT intersects the circle at S. O and S are joined. If ∠ SOP = 104°, what is the measure (in degrees) of ∠PTQ?

Ans ✗ 1. 45

  ✗ 2. 62

  ✗ 3. 76

  ✔ 4. 38

Q.24 A number is first decreased by 18% and the resulting number is then increased by 25%. What is the overall percentage change in the original number?

Ans ✗ 1. Decrease by 2.5%

  ✗ 2. Increase by 3.5%

  ✔ 3. Increase by 2.5%

  ✗ 4. Decrease by 3.5%

Q.25 Consider AD is a tangent to a circle of radius 6 cm. AC is a secant meeting the circle at B and CD is a diameter. If AB is 7 cm, then the value of AC (in cm) is:

Ans ✗ 1. 9

  ✗ 2. 18

  ✗ 3. 20

  ✔ 4. 16

Q.1 In which year was the 15th National Census Survey of India conducted?

Ans
- ✗ 1. 1991
- ✔ 2. 2011
- ✗ 3. 2021
- ✗ 4. 2001

Q.2 Which of the following is a cyclic arrangement of time units in Hindustani classical music?

Ans
- ✔ 1. Tala
- ✗ 2. Nyasa
- ✗ 3. Jati
- ✗ 4. Raga

Q.3 The Bhotia dance form is a folk-dance from which of the following Indian states?

Ans
- ✗ 1. Goa
- ✗ 2. Tamil Nadu
- ✗ 3. Odisha
- ✔ 4. Uttarakhand

Q.4 What is the penalty for a wide ball in cricket?

Ans
- ✔ 1. One run
- ✗ 2. Six runs
- ✗ 3. Four runs
- ✗ 4. A free hit

Q.5 The point in the orbit of an object (such as a satellite) orbiting the earth that is at the greatest distance from the centre of the earth is known as:

Ans
- ✗ 1. aphelion
- ✗ 2. perigee
- ✔ 3. apogee
- ✗ 4. perihelion

Q.6 Who founded the Bombay Presidency Association in 1885 along with Pherozeshah Mehta and KT Telang?

Ans
- ✗ 1. AK Fazlul Haq
- ✗ 2. Zakir Husain
- ✗ 3. Behramji M Malabari
- ✔ 4. Badruddin Tyabji

Q.7 What is the keyboard shortcut for opening a blank new document in MS-Word?

Ans
- ✔ 1. Ctrl + N
- ✗ 2. Ctrl + S
- ✗ 3. Ctrl + B
- ✗ 4. Ctrl + C

Q.8 Which of the following is NOT a way to acquire citizenship in India?

Ans
- ✔ 1. Renunciation
- ✗ 2. Registration
- ✗ 3. Birth
- ✗ 4. Incorporation of territory

Q.9 Which of the following countries was the host of the ICC World Test Championship Cricket final played between India and New Zealand from 18-23 June 2021?

Ans ✗ 1. South Africa

✗ 2. Australia

✗ 3. India

✓ 4. England

Q.10 Which city will host 2028 Olympics games?

Ans ✗ 1. New York, USA

✓ 2. Los Angles, USA

✗ 3. Boston, USA

✗ 4. San Diego, USA

Q.11 BVR Subrahmanyam was appointed as the _____, in February 2023.

Ans ✓ 1. CEO of NITI Aayog

✗ 2. CEO of IBRD

✗ 3. Chairman of UPSC

✗ 4. Chairman of NITI Aayog

Q.12 Select the musical instrument which is NOT played by way of percussion or NOT played by way of striking any object?

Ans ✓ 1. Shehnai

✗ 2. Tabla

✗ 3. Pakhawaj

✗ 4. Drum

Q.13 With reference to the Directive Principles of State policy contained in the Constitution of India, which of the following statements is/are correct?
1.Article 37 of the Constitution of India provides that the Directive Principles of State Policy are enforceable in the High Courts only.
2.Article 38 provides that the State shall strive to minimise the inequalities in income amongst individuals and groups of people.
3.Article 39 provides that the State shall direct its policy towards securing that there is equal pay for equal work for both men and women.

Ans ✗ 1. Only 1 and 3

✗ 2. Only 2

✗ 3. Only 1

✓ 4. Only 2 and 3

Q.14 The Mundra Thermal Power Plant is located in which district of Gujarat?

Ans ✗ 1. Gandhinagar

✗ 2. Kheda

✓ 3. Kutch

✗ 4. Jamnagar

Q.15 How many languages are included in the Eighth Schedule of the Constitution of India as scheduled languages?

Ans ✗ 1. 23

✗ 2. 21

✓ 3. 22

✗ 4. 24

Q.16 Match the items in List I with those in List II.

List I	List II
i. Garibi Hatao	a. Fifth Five-Year Plan
ii. LPG policies	b. Ninth Five-Year Plan
iii. Rolling Plan	c. 1978-80
iv. Growth with justice and equity	d. Eighth Five-Year Plan

Ans ✓ 1. i-a, ii-d, iii-c, iv-b

✗ 2. i-c, ii-b, iii-d, iv-a

✗ 3. i-c, ii-d, iii-a, iv-b

✗ 4. i-b, ii-c, iii-d, iv-a

Q.17 Which keyboard key is used to jump the cursor to the next cell of the table in MS Word?

Ans ✗ 1. Shift

✓ 2. Tab

✗ 3. Home

✗ 4. Ctrl

Q.18 Which of the following is NOT a mutation-based disease?

Ans ✗ 1. Sickle cell anaemia

✓ 2. Malaria

✗ 3. Phenylketonuria

✗ 4. Down syndrome

Q.19 In March 2023, Rashmi Shukla was appointed as the Director General of which organisation?

Ans ✗ 1. Border Security Force

✗ 2. Central Reserve Police Force

✓ 3. Sashastra Seema Bal

✗ 4. Indo-Tibetan Border Police

Q.20 Which of the following statements is/are correct
I – Maximum National Parks in India are located in the state of Madhya Pradesh.
II – Mudumalai National Park is located in Kerala.
III – The Salim Ali Centre for Ornithology and Natural History is located in Tamil Nadu.

Ans ✗ 1. Both I and II are correct

✗ 2. Only I is correct.

✓ 3. Both I and III are correct

✗ 4. Only III is correct

Q.21 Easter is a religious festival of:

Ans ✓ 1. Christians

✗ 2. Hindus

✗ 3. Buddhists

✗ 4. Sikhs

Q.22 India's first indigenous Aircraft Carrier, _____, conducted its maiden sea travel in August 2021 marking a significant step towards making military equipment in India.

Ans ✅ 1. INS Vikrant

❌ 2. INS Swades

❌ 3. INS Kranti

❌ 4. INS Vayudooth

Q.23 Who was the founder of the Bahmani Sultanate?

Ans ✅ 1. Alauddin Hasan Bahman Shah

❌ 2. Muhammad Shah

❌ 3. Feroz Shah Bahmani

❌ 4. Muhammad Bin Tughlaq

Q.24 Rotating Savings and Credit Association (ROSCA) was introduced by Shirley Ardener in the year _____.

Ans ❌ 1. 1970

✅ 2. 1964

❌ 3. 1963

❌ 4. 1955

Q.25 If an object of mass 2 kg is dropped from a height of 10 metres, what will be the ratio of its potential energy and kinetic energy at the height of 5 metres (g=10m/sec^2)

Ans ✅ 1. 1:1

❌ 2. 4:1

❌ 3. 1:4

❌ 4. 1:2