

Combined Higher Secondary Level Examination 2024 Tier I

Exam Date	04/07/2024
Exam Time	2:30 PM - 3:30 PM
Subject	CHSL Exam 2024 Tier I

Section : English Language

Q.1 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

This artwork / are a wonderful example / of the period's vogue / for realistic style.

- Ans**
- ☐ 1. This artwork
 - ☐ 2. of the period's vogue
 - ☐ 3. for realistic style
 - ☒ 4. are a wonderful example

Q.2 The following sentence has been divided into four parts. Identify the part that contains an error.
Pratigya arrived / to the / railway station / five hours early.

- Ans**
- ☐ 1. railway station
 - ☐ 2. Pratigya arrived
 - ☒ 3. to the
 - ☐ 4. five hours early.

Q.3 Identify the error in the following sentence and select the option with the correct use of the phrasal verb.
Prateek was planning to ask Shreya for a favour. But he could not muster up the courage. So, he blacked out.

- Ans**
- ☐ 1. Prateek was planning to ask Shreya for a favour. But he could not muster up the courage. So, he broke in.
 - ☒ 2. Prateek was planning to ask Shreya for a favour. But he could not muster up the courage. So, he chickened out.
 - ☐ 3. Prateek was planning to ask Shreya for a favour. But he could not muster up the courage. So, he checked out.
 - ☐ 4. Prateek was planning to ask Shreya for a favour. But he could not muster up the courage. So, he turned down.

Q.4 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The companies were / giving in the prizes / to attract customers / during the festive season.

- Ans**
- ☐ 1. The companies were
 - ☒ 2. giving in the prizes
 - ☐ 3. during the festive season
 - ☐ 4. to attract customers

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.

Famines were (1) _____ during the period of British rule due to many reasons (2) _____ unemployment following import of machine-made goods from Britain, overexploitation of farmers and (3) _____ access to food. India suffered two very severe droughts in 1965 and 1966. India achieved (4) _____ in food grains by the year 1976 through the implementation of the seed-water-fertiliser-led (5) _____. The country is no longer exposed to real famines. However, lack of purchasing power continues to haunt people in some parts of the country.

SubQuestion No : 5

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

- Ans**
- ☒ 1. caused
 - ☐ 2. excruciated
 - ☐ 3. paused
 - ☐ 4. discouraged

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.

Famines were (1) _____ during the period of British rule due to many reasons (2) _____ unemployment following import of machine-made goods from Britain, overexploitation of farmers and (3) _____ access to food. India suffered two very severe droughts in 1965 and 1966. India achieved (4) _____ in food grains by the year 1976 through the implementation of the seed-water-fertiliser-led (5) _____. The country is no longer exposed to real famines. However, lack of purchasing power continues to haunt people in some parts of the country.

SubQuestion No : 6

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

- Ans**
- ☐ 1. excluding large-scale
 - ☐ 2. excluding small-scale
 - ☐ 3. including small-scale
 - ☒ 4. including large-scale

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.

Famines were (1) _____ during the period of British rule due to many reasons (2) _____ unemployment following import of machine-made goods from Britain, overexploitation of farmers and (3) _____ access to food. India suffered two very severe droughts in 1965 and 1966. India achieved (4) _____ in food grains by the year 1976 through the implementation of the seed-water-fertiliser-led (5) _____. The country is no longer exposed to real famines. However, lack of purchasing power continues to haunt people in some parts of the country.

SubQuestion No : 7

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

- Ans**
- ☐ 1. basic
 - ☒ 2. restricted
 - ☐ 3. unlimited
 - ☐ 4. inflated

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.

Famines were (1) _____ during the period of British rule due to many reasons (2) _____ unemployment following import of machine-made goods from Britain, overexploitation of farmers and (3) _____ access to food. India suffered two very severe droughts in 1965 and 1966. India achieved (4) _____ in food grains by the year 1976 through the implementation of the seed-water-fertiliser-led (5) _____. The country is no longer exposed to real famines. However, lack of purchasing power continues to haunt people in some parts of the country.

SubQuestion No : 8

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

- Ans**
- ☐ 1. goal
 - ☐ 2. incompetency
 - ☐ 3. success
 - ☒ 4. self-sufficiency

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.

Famines were (1) _____ during the period of British rule due to many reasons (2) _____ unemployment following import of machine-made goods from Britain, overexploitation of farmers and (3) _____ access to food. India suffered two very severe droughts in 1965 and 1966. India achieved (4) _____ in food grains by the year 1976 through the implementation of the seed-water-fertiliser-led (5) _____. The country is no longer exposed to real famines. However, lack of purchasing power continues to haunt people in some parts of the country.

SubQuestion No : 9

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

- Ans**
- ☐ 1. Blue Revolution
 - ☐ 2. Pink Revolution
 - ☒ 3. Green Revolution
 - ☐ 4. White Revolution

Q.10 Read the sentence carefully and select the most appropriate option to substitute the underlined part.

The revolt of the labourers will be considered as an epoch in the world history.

- Ans**
- ☐ 1. unpopular measure
 - ☐ 2. hostile event
 - ☒ 3. important period
 - ☐ 4. commendable act

Q.11 Read the given sentence carefully. Change the meaning of the sentence by replacing the underlined word with its **ANTONYM** from the following options.

I have keen interest in reading the mind of those students who are boisterous at home but on their best behaviour at school.

- Ans**
- ☐ 1. clamorous
 - ☐ 2. frothing
 - ☒ 3. placid
 - ☐ 4. raucous

Q.12 Choose the option that best describes the meaning of the idioms and phrases underlined in the given sentence.
You can best identify the fair weather friends at the time of adversity.

- Ans**
- ☐ 1. Friends who come in good weather conditions
 - ☐ 2. Best friends
 - ☐ 3. Friends who bring good rain
 - ☒ 4. Friend only at the time of prosperity

Q.13 Select the most appropriate meaning of the underlined idiom in the following sentence.
I can't begin to talk on this situation right now; I am still wrapping my head around it.

- Ans**
- ☒ 1. Ignoring something completely
 - ☒ 2. Understanding something complicated
 - ☒ 3. Comparing two things that can't be compared
 - ☒ 4. Revealing a secret nobody knows

Q.14 There is a spelling error in the given sentence. Select the option that contains the INCORRECTLY spelt word.
The mighty gaint brought a marigold for the princess.

- Ans**
- ☒ 1. gaint
 - ☒ 2. princess
 - ☒ 3. marigold
 - ☒ 4. mighty

Q.15 Identify the incorrectly spelt word and select its correct spelling.
The calandar was reformed during the time of Julius Caesar.

- Ans**
- ☒ 1. reeformed
 - ☒ 2. celender
 - ☒ 3. riformed
 - ☒ 4. calendar

Q.16 Select the most appropriate synonym of the given word.
Fertile

- Ans**
- ☒ 1. Productive
 - ☒ 2. Destructive
 - ☒ 3. Hectic
 - ☒ 4. Amusing

Q.17 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Many a women work for the betterment of their family.

- Ans**
- ☒ 1. Many a woman worked for
 - ☒ 2. Many a women working for
 - ☒ 3. Many a woman works for
 - ☒ 4. Many a women works for

Q.18 Select the most appropriate ANTONYM of the underlined word in the sentence.
He purchased very cheap dresses.

- Ans**
- ☒ 1. Expensive
 - ☒ 2. Doltish
 - ☒ 3. Lively
 - ☒ 4. Paltry

Q.19 Select the most appropriate option that can substitute the underlined segment in the given sentence.
He is almost quiet well.

- Ans**
- ☒ 1. almost quietly
 - ☒ 2. quiet
 - ☒ 3. very quite
 - ☒ 4. quite

Q.20 Complete the given sentence with an appropriate homophone from the given options.
It is better to focus on your _____ than to wander aimlessly.

- Ans**
- ☐ 1. carrier
 - ☐ 2. courier
 - ☒ 3. career
 - ☐ 4. carreer

Q.21 Select the most appropriate option to correct the sentence by using meaning of the undelined word.
In the winter season, the poor woman needed a refuge where she could live freely and independently.

- Ans**
- ☐ 1. School
 - ☒ 2. Shelter
 - ☐ 3. Inn
 - ☐ 4. Tent

Q.22 The balloon started to deflate after being pricked with a needle. What is the ANTONYM of 'deflate'?

- Ans**
- ☐ 1. Flatten
 - ☐ 2. Compress
 - ☒ 3. Inflate
 - ☐ 4. Shrink

Q.23 Select the most appropriate synonym of the given word.
Affirm

- Ans**
- ☒ 1. Confirm
 - ☐ 2. Convey
 - ☐ 3. Correlate
 - ☐ 4. Deliver

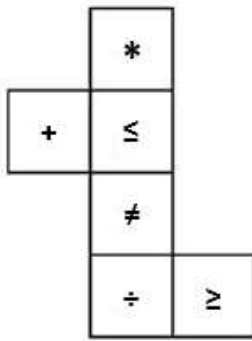
Q.24 Select the most appropriate homophone to fill in the blank.
The mechanics tried a lot to get that car _____ from the accident spot.

- Ans**
- ☐ 1. told
 - ☒ 2. towed
 - ☐ 3. toed
 - ☐ 4. toad

Q.25 Select the most appropriate option that can substitute the underlined word segment in the following sentence.
It is a high-pay job.

- Ans**
- ☒ 1. high-paying
 - ☐ 2. low-paid
 - ☐ 3. high-paid
 - ☐ 4. low-pay

Q.1 What would be the symbol on the opposite side of ' \leq ' if the given sheet is folded to form a cube?



- Ans
- ✓ 1. \div
 - ✗ 2. \geq
 - ✗ 3. $+$
 - ✗ 4. $*$

Q.2 What should come in place of the question mark (?) in the given series?

15, 30, 90, 360, 1800, ?

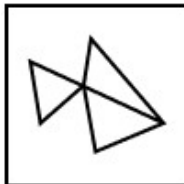
- Ans
- ✗ 1. 11000
 - ✗ 2. 12000
 - ✗ 3. 14000
 - ✓ 4. 10800

Q.3 Select the option figure in which the given figure is embedded as its part (rotation is NOT allowed).

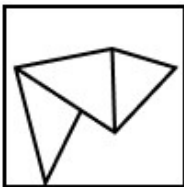


Ans

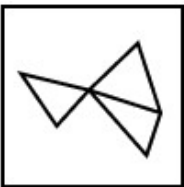
✓ 1.



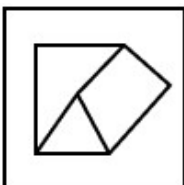
✗ 2.



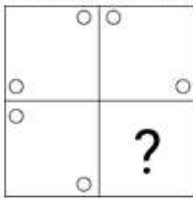
✗ 3.



✗ 4.

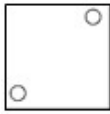


Q.4 Identify the figure given in the options which when put in place of ? will logically complete the pattern.

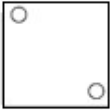


Ans

✓ 1.



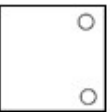
✗ 2.



✗ 3.



✗ 4.



Q.5 If 'W' stands for '÷', 'Y' stands for '×', 'Z' stands for '+' and 'A' stands for '-', what will come in place of the question mark (?) in the following equation?

$$11 \text{ W } 11 \text{ Y } 11 \text{ Z } 11 \text{ A } 11 = ?$$

Ans

✗ 1. 21

✗ 2. 42

✓ 3. 11

✗ 4. 22

Q.6 In a certain code language, 'cold summers day' is written as 'kl bn ix' and 'day and night' is written as 'kj ed bn'. How is 'day' written in the given language?

Ans

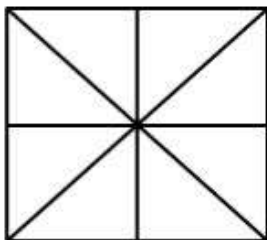
✓ 1. bn

✗ 2. kj

✗ 3. ix

✗ 4. kl

Q.7 How many triangles are there in the following figure?



Ans

✗ 1. 17

✓ 2. 16

✗ 3. 15

✗ 4. 14

Q.8 In a certain code language
A + B means 'A is the son 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 P related to T if 'P × Q – R ÷ S + T'?

- Ans
- ☐ 1. Husband's mother
 - ☐ 2. Husband's brother's daughter
 - ☒ 3. Husband's brother's wife
 - ☐ 4. Husband's sister

Q.9 In a certain code language, 'bottle is blue' is coded as 'see mo tu' and 'sky is blue' is coded as 'mo tu lo'. What is the code for 'bottle' in that language?

- Ans
- ☒ 1. see
 - ☐ 2. tu
 - ☐ 3. mo
 - ☐ 4. lo

Q.10 What should come in place of ? in the given series based on the English alphabetical order?

GOW NIB UCG BWL ?

- Ans
- ☐ 1. ZQH
 - ☐ 2. XOF
 - ☐ 3. VLB
 - ☒ 4. IQQ

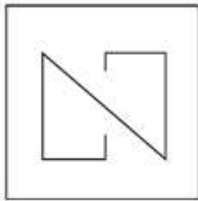
Q.11 If 'A' stands for '+', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '–', then the resultant of which of the following will be 59?

- Ans
- ☐ 1. 22 B 6 D 190 C 2 A 22
 - ☐ 2. 22 A 6 D 190 B 2 C 22
 - ☐ 3. 22 B 6 C 190 A 2 D 22
 - ☒ 4. 22 B 6 D 190 A 2 C 22

Q.12 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.)
Antibiotic : Infection

- Ans
- ☐ 1. Purgative : Eating
 - ☒ 2. Antidote : Poisoning
 - ☐ 3. Antibody : Braise
 - ☐ 4. Anticlimax : Episode

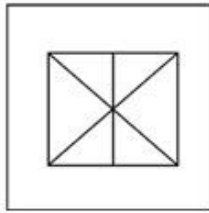
Q.13 Select the option in which the given figure X is embedded (i.e. contains figure X in the same form).



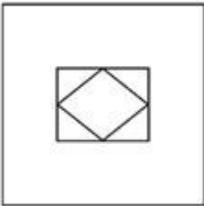
(X)

Ans

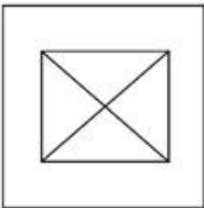
✓ 1.



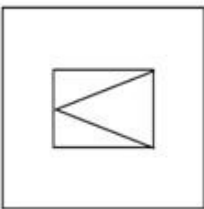
✗ 2.



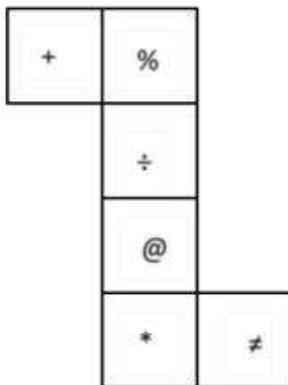
✗ 3.



✗ 4.



Q.14 What would be the symbol on the opposite side of '+' if the given sheet is folded to form a cube?



Ans

✗ 1. %

✗ 2. +

✓ 3. *

✗ 4. ≠

Q.15 Select the set in which the numbers are related in the same way as are the numbers of the following 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.)
(3, 34, 5)
(10, 136, 6)

- Ans**
- ☒ 1. (7, 113, 8)
 - ☐ 2. (9, 115, 6)
 - ☐ 3. (5, 60, 6)
 - ☐ 4. (11, 125, 4)

Q.16 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?

$$96 \text{ B } 3 \text{ D } 285 \text{ A } 5 \text{ C } 11 = ?$$

- Ans**
- ☐ 1. 252
 - ☐ 2. 262
 - ☒ 3. 242
 - ☐ 4. 272

Q.17 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

No pillow is a cushion.

All cushions are sheets.

No sheet is a blanket.

Conclusions:

(I) No cushion is a blanket.

(II) Some pillows are sheets.

- Ans**
- ☒ 1. Only conclusion I follows
 - ☐ 2. None of the conclusions follow
 - ☐ 3. Both conclusions I and II follow
 - ☐ 4. Only conclusion II follows

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

291 256 310 275 329 294 ?

- Ans**
- ☐ 1. 356
 - ☐ 2. 375
 - ☐ 3. 331
 - ☒ 4. 348

Q.19 Three of the following four letter-clusters are alike in a certain way and thus form a group. Which is the one that 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.)

1) ADBC

2) JMKL

3) FJHI

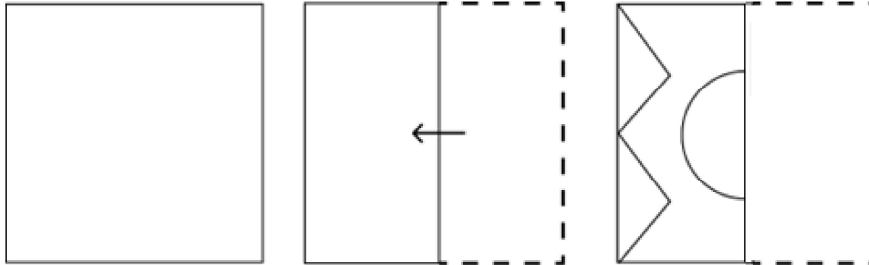
4) VYWX

- Ans**
- ☒ 1. FJHI
 - ☐ 2. VYWX
 - ☐ 3. JMKL
 - ☐ 4. ADBC

Q.20 30 is related to 216 by certain logic. Following the same logic, 40 is related to 226. To which of the following is 50 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. 236
☒ 2. 238
☒ 3. 250
☒ 4. 248

Q.21 A paper is folded and cut as shown below. How will it appear when unfolded?



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Q.22 The position of how many letters will remain unchanged if each of the letters in the word FLAMINGOES is arranged from left to right in alphabetical order?

- Ans**
- ☐ 1. None
 - ☐ 2. Three
 - ☐ 3. One
 - ☒ 4. Two

Q.23 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)

Carpenter : Furniture

- Ans**
- ☒ 1. Cook : Soup
 - ☐ 2. Dam : Engineer
 - ☐ 3. Book : Author
 - ☐ 4. Magazine : Editor

Q.24 Select the correct combination of letters that when sequentially placed in the blanks of the given series will make the series logically complete.

_WSVR_QTPS_RNQM_ LOK_

- Ans**
- ☐ 1. XUQPM
 - ☐ 2. XVQLM
 - ☐ 3. TVOLN
 - ☒ 4. TUOPN

Q.25 If 16 September 2010 is Thursday, then what will be the day of the week on 17 August 2017?

- Ans**
- ☐ 1. Wednesday
 - ☐ 2. Monday
 - ☐ 3. Sunday
 - ☒ 4. Thursday

Section : Quantitative Aptitude

Q.1

Read the given information and answer the question that follows.

The following table gives the percentage of marks obtained by seven students in six different subjects in an examination.

The number in the brackets gives the maximum marks in each subject.

Student	Subject (Max. Marks)					
	Maths	Chemistry	Physics	Geography	History	Computer Science
	(150)	(130)	(120)	(100)	(60)	(40)
Ayush	90	50	90	60	70	80
Aman	100	80	80	40	80	70
Sajal	90	60	70	70	90	70
Rohit	80	65	80	80	60	60
Muskan	80	65	85	95	50	90
Tanvi	70	75	65	85	40	60
Tarun	65	35	50	77	80	80

How many students secured a raw score of at least 30 in Computer Science?

Ans

✓ 1. 3

✗ 2. 5

✗ 3. 4

✗ 4. 2

Q.2

The perimeter of a semi-circle is 56.54 cm. What is its diameter (in cm)?

(Use $\pi = 3.14$)

Ans

✗ 1. 11

✓ 2. 22

✗ 3. 10

✗ 4. 20

Q.3

Express the following as decimals, respectively.
20%,0.5%,0.03%

Ans

✗ 1. 0.02,0.005,0.0003

✗ 2. 0.02,0.005,0.003

✓ 3. 0.2,0.005,0.0003

✗ 4. 0.2,0.0005,0.0003

Q.4

The diameter of a cylinder is 14 cm and its height is 9 cm. Find the total surface area of the cylinder.

Ans

✗ 1. 708 cm²✗ 2. 714 cm²✓ 3. 704 cm²✗ 4. 700 cm²

Q.5

If θ is an acute angle and $\cot\theta + \tan\theta = 2$, then find the value of $\tan^{12}\theta + \cot^{12}\theta + 2\tan^5\theta\cot^7\theta$.

Ans

✓ 1. 4

✗ 2. 3

✗ 3. 1

✗ 4. 2

Q.6

A car covers a certain distance in 85 minutes, if it runs at a speed of 36 km/hr. The speed at which the car must run to reduce the time of journey to 51 minutes will be:

Ans

✗ 1. 70 km/hr

✗ 2. 80 km/hr

✓ 3. 60 km/hr

✗ 4. 50 km/hr

Q.7

The profit (in Rupees) earned by four companies in the different quarters of the year 2020 are shown in the chart. The data shown is in crores.



How much is the average profit earned by ITC in the year 2020?

Ans

✗ 1. ₹ 1400 crore

✓ 2. ₹ 1325 crore

✗ 3. ₹ 1350 crore

✗ 4. ₹ 1225 crore

Q.8

Two circles with centres M and N have radii 5 cm and 8 cm, respectively. The circles touch each other externally at point T. A line PR is drawn such that the points M, T and N lie on PR, P being closer to M. From P, a tangent PQ = 12 cm is drawn to the circle with centre M touching at Q, and from R, another tangent RS = 15 cm is drawn to the circle with centre N touching at S. What is the length (in cm) of PR?

Ans

✗ 1. 37

✓ 2. 43

✗ 3. 53

✗ 4. 26

Q.9

Find the remainder, when we divide $2x^3 - 3x^2 + 6x - 4$ by $2x - 3$.

Ans

✓ 1. 5

✗ 2. 6

✗ 3. -5

✗ 4. -6

Q.10 Find the third proportion to 36 and 48.

- Ans
- ☐ 1. 36
 - ☐ 2. 54
 - ☒ 3. 64
 - ☐ 4. 48

Q.11 A retailer purchased a batch of goods for ₹5,000. Due to a manufacturing defect, 5% of the goods were damaged. If the retailer wants to make a profit of 20% on the remaining goods, at what price should the undamaged goods be sold?

- Ans
- ☒ 1. ₹5,700
 - ☐ 2. ₹5,800
 - ☐ 3. ₹6,000
 - ☐ 4. ₹5,900

Q.12 Find the capacity of an overhead cylindrical water tank, in litres, whose radius is 2.1 m and height is 6.3 m.

- Ans
- ☐ 1. 61802
 - ☒ 2. 87318
 - ☐ 3. 611726
 - ☐ 4. 65622

Q.13 The total surface area of a solid hemisphere of diameter 28 cm is:

- Ans
- ☐ 1. 1784 cm^2
 - ☐ 2. 1488 cm^2
 - ☐ 3. 1648 cm^2
 - ☒ 4. 1848 cm^2

Q.14 Last year, Geeta's monthly salary was ₹12,000 and Seeta's monthly salary was ₹10,000. This year, Geeta's monthly salary is ₹14,400, while Seeta's monthly salary is ₹12,500. If the percentage increase in Seeta's monthly salary this year over her monthly salary last year is denoted by $x\%$, and the percentage increase in Geeta's monthly salary this year over her monthly salary last year is denoted by $y\%$, then what is the value of $(\frac{x-y}{y} \times 100)\%$?

- Ans
- ☐ 1. 24
 - ☐ 2. 20
 - ☐ 3. 22
 - ☒ 4. 25

Q.15 $\triangle DEF$ and $\triangle GHI$ are two similar triangles. If $DE = 64 \text{ cm}$, $GH = 24 \text{ cm}$ and the perimeter of $\triangle GHI$ is 72 cm, then what is the sum of the lengths (in cm) of the sides EF and FD of the $\triangle DEF$?

- Ans
- ☐ 1. 192
 - ☐ 2. 96
 - ☒ 3. 128
 - ☐ 4. 82

Q.16 If the average of a number and its reciprocal is 2, then the average of its cube and its reciprocal is equal to:

- Ans
- ☐ 1. 28
 - ☒ 2. 26
 - ☐ 3. 48
 - ☐ 4. 36

Q.17 Simplify:

$$3\frac{4}{7} - \left[16\frac{1}{2} \div \left\{ 6^2 - \left(7 - 2\frac{1}{2} \right) \right\} \right]$$

- Ans
- ☒ 1. $\frac{64}{21}$
 - ☐ 2. $\frac{25}{21}$
 - ☐ 3. $\frac{64}{11}$
 - ☐ 4. $\frac{25}{11}$

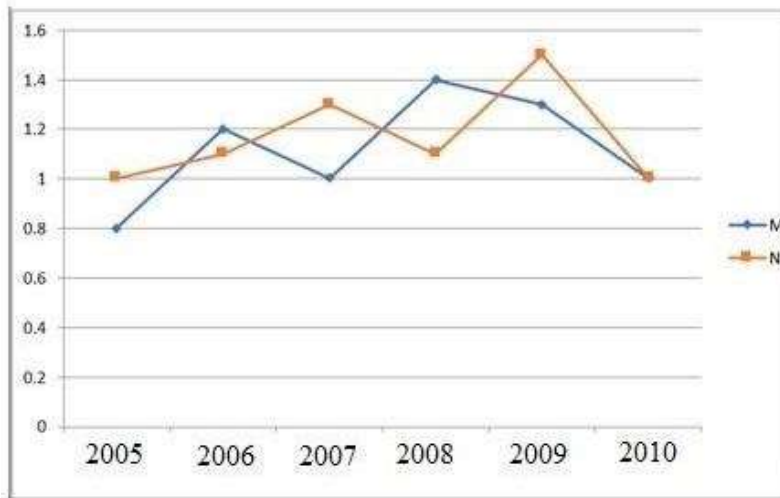
Q.18 The price of pulses has increased by 45%. By what percentage (rounded off to the nearest integer) the increased price of the pulses should be reduced so that the price of the pulses remains unaltered?

- Ans
- ☐ 1. 45
 - ☒ 2. 31
 - ☐ 3. 41
 - ☐ 4. 35

Q.19 To finish a work in 12 days, 8 workers are engaged. After 2 days, due to some urgency, the work is to be finished in next 2 days. How many more workers are to be engaged now to finish it on time?

- Ans
- ☐ 1. 30
 - ☒ 2. 32
 - ☐ 3. 36
 - ☐ 4. 40

Q.20 Study the given graph and answer the question that follows.
Ratio of imports to exports from two companies over the years.



In how many of the given years were the imports more than the exports of Company N ?

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

Q.21 The marked price of an article is 25% more than its cost price. If a scheme discount of 40% is given, then the loss percentage is:

- Ans**
- ☐ 1. 20%
 - ☒ 2. 25%
 - ☐ 3. 30%
 - ☐ 4. 15%

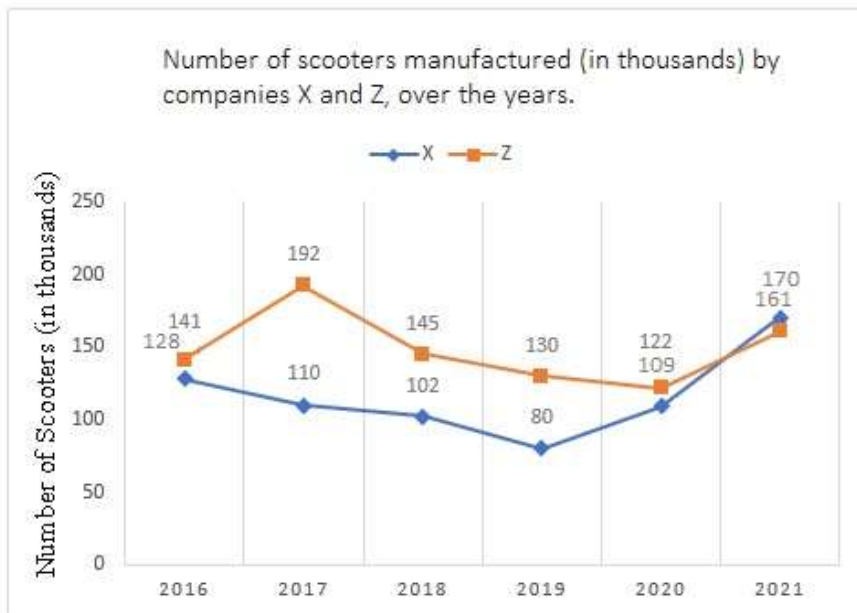
Q.22 A circle of diameter 26 cm has two equal chords of length 10 cm each, separated by a distance h cm. What is the value of h?

- Ans**
- ☐ 1. 18
 - ☐ 2. 12
 - ☒ 3. 24
 - ☐ 4. 16

Q.23 The age of a father will be double the age of his son ten years later. 10 years ago, the father's age was six times the age of the son. How many years from now, the ratio of their ages will be 3 : 2?

- Ans**
- ☒ 1. 35
 - ☐ 2. 30
 - ☐ 3. 20
 - ☐ 4. 25

Q.24 The given line graph shows the number of scooters manufactured (in thousands) by companies X and Z, over the years.



In which of the following years was the difference between the production by companies X and Z the maximum among the given years?

- Ans
- ☒ 1. 2018
 - ☒ 2. 2017
 - ☒ 3. 2020
 - ☒ 4. 2019

Q.25 Rahna decided to buy a scooty that costs ₹40,000. The shopkeeper agreed to sell the scooty under the condition of ₹25,000 cash down payment of ₹4,000 each month for four months. Find the rate of interest at which the shopkeeper sold the scooty under the instalment scheme.

- Ans
- ☒ 1. 33%
 - ☒ 2. $10\frac{1}{3}\%$
 - ☒ 3. $18\frac{1}{2}\%$
 - ☒ 4. $16\frac{1}{2}\%$

Section : General Awareness

Q.1 The 5th edition of the Khelo India Youth Games 2023 was hosted in January-February, 2023 by _____

- Ans
- ☒ 1. Uttar Pradesh
 - ☒ 2. Delhi
 - ☒ 3. Rajasthan
 - ☒ 4. Madhya Pradesh

Q.2 In a spread sheet, page orientation is changed through _____.

- Ans
- ☒ 1. page setup dialog box
 - ☒ 2. format dialogue box
 - ☒ 3. print dialog box
 - ☒ 4. paper dialog box

Q.3 Which of the following is a part of apical meristem found in roots.

- Ans**
- ☒ 1. Protoderm
 - ☐ 2. Leaf primordium
 - ☐ 3. Differentiating vascular tissue
 - ☐ 4. Axillary bud

Q.4 The institute established by Kaka Hathrasi in 1932 is:

- Ans**
- ☐ 1. Music Art Centre
 - ☐ 2. Swar Sangam Kendra
 - ☒ 3. Sangeet Karyalaya
 - ☐ 4. Music Art Kendra

Q.5 In an electrical circuit, the ammeter reading decreases to _____ when the length of the wire is doubled.

- Ans**
- ☐ 1. one-sixth
 - ☒ 2. one-half
 - ☐ 3. one-fourth
 - ☐ 4. one-third

Q.6 Which of the following steps is used to format a cell in an MS Excel Spreadsheet?

- Ans**
- ☐ 1. Menu → Select cell → Format
 - ☒ 2. Select cell → Right click → Format cell
 - ☐ 3. Select cell → View → Format cell
 - ☐ 4. View → Select cell → Format

Q.7 Match the following ports with their related states correctly.

Ports	States
1. Mormugao port	a. West Bengal
2. Paradip Port	b. Odisha
3. Haldia Port	c. Tamil Nadu
4. Tuticorin port	d. Goa

- Ans**
- ☐ 1. 1-b, 2-d, 3-c, 4-a
 - ☐ 2. 1-a, 2-b, 3-d, 4-c
 - ☒ 3. 1-d, 2-b, 3-a, 4-c
 - ☐ 4. 1-b, 2-d, 3-a, 4-c

Q.8 Which is the first state to receive rain from the Monsoon in India?

- Ans**
- ☒ 1. Kerala
 - ☐ 2. Goa
 - ☐ 3. Andhra Pradesh
 - ☐ 4. Karnataka

Q.9 In which of the following cities was the Asian Wrestling Championship 2023 held?

- Ans**
- ☐ 1. Mumbai
 - ☒ 2. Astana
 - ☐ 3. Tokyo
 - ☐ 4. Karachi

Q.10 Federalism in the Indian constitutional context means:

- Ans**
- ☐ 1. the existence only one level of government in the country
 - ☐ 2. the existence of one nation one government in the country
 - ☐ 3. the existence of states in the country
 - ☒ 4. the existence of more than one level of government in the country

Q.11 Which of the following schemes is related to minimising the use of chemical fertilisers, given in the Union Budget 2023-24?

- Ans**
- ☒ 1. PM Pranam
 - ☐ 2. PM DevINE
 - ☐ 3. SEEDScheme
 - ☐ 4. PM Shri

Q.12 Jagoi and Cholom are two divisions in the Indian classical dance form of _____.

- Ans**
- ☐ 1. Kathak
 - ☒ 2. Manipuri
 - ☐ 3. Kathakali
 - ☐ 4. Bharatanatyam

Q.13 Which of the following is NOT any position in the Basketball sport?

- Ans**
- ☐ 1. Point guard
 - ☐ 2. Shooting guard
 - ☐ 3. Small forward
 - ☒ 4. All rounder

Q.14 As of August, 2023, which of the following states has India's first fully functionally literate district?

- Ans**
- ☒ 1. Madhya Pradesh
 - ☐ 2. Maharashtra
 - ☐ 3. Kerala
 - ☐ 4. Goa

Q.15 The President of India appointed _____ as the Governor of Karnataka in July 2021.

- Ans**
- ☐ 1. Hari Babu Kambhampati
 - ☒ 2. Thaawar Chand Gehlot
 - ☐ 3. Rajendra Vishwanath Arlekar
 - ☐ 4. Mangubhai Chhaganbhai Patel

Q.16 In Hindustani classical music, according to Vishnu Narayana Bhatkhande, how many thaats are the origins of ragas?

- Ans**
- ☐ 1. 52
 - ☐ 2. 72
 - ☒ 3. 10
 - ☐ 4. 20

Q.17 The Prarthana Samaj was established in _____ by Dr. Atma Ram Pandurang.

- Ans**
- ☒ 1. Bombay
 - ☐ 2. Calcutta
 - ☐ 3. Adyar
 - ☐ 4. Delhi

Q.18 Where is the oldest centre of lace work located in Gujarat?

- Ans
- ☐ 1. Ahmedabad
 - ☐ 2. Rajkot
 - ☒ 3. Jamnagar
 - ☐ 4. Kutch

Q.19 The Chau dancers of _____ organise a festival named Chau-Jhumur Utsav, where an open stage is designed for the performance by Chau groups.

- Ans
- ☒ 1. West Bengal
 - ☐ 2. Chhattisgarh
 - ☐ 3. Jharkhand
 - ☐ 4. Madhya Pradesh

Q.20 In which year was the 'Aatmanirbhar Bharat Rojgar Yojana' launched by the Government of India?

- Ans
- ☒ 1. 2020
 - ☐ 2. 2022
 - ☐ 3. 2015
 - ☐ 4. 2010

Q.21 Which of the following years were considered plan holidays in Independent India?

- Ans
- ☐ 1. 1964-1967
 - ☐ 2. 1990-1992
 - ☐ 3. 1969-1972
 - ☒ 4. 1966-1969

Q.22 _____ is defined as excess of total expenditure over total receipts excluding borrowings during a fiscal year.

- Ans
- ☒ 1. Fiscal deficit
 - ☐ 2. Income deficit
 - ☐ 3. Structural deficit
 - ☐ 4. Gross Primary deficit

Q.23 Part IV A of the Indian Constitution is related to _____.

- Ans
- ☐ 1. Directive Principles of State Policy
 - ☒ 2. Fundamental Duties
 - ☐ 3. Fundamental Rights
 - ☐ 4. Citizenship

Q.24 Which of the following statements most accurately describes the planet Saturn?

- Ans
- ☐ 1. Its surface is reddish in colour.
 - ☒ 2. It is a gas giant made up mostly of hydrogen and helium and the density is less than that of water.
 - ☐ 3. It was the seventh planet discovered in the Solar System.
 - ☐ 4. Its cloud-like outer regions consist of methane in the gaseous form and ammonia in crystalline form.

Q.25 Who defeated Mohammad Ghori in the First Battle of Tarain fought in the year 1191?

- Ans
- ☒ 1. Prithviraj Chauhan
 - ☐ 2. Vasudev
 - ☐ 3. Yashovarman
 - ☐ 4. Vidyadhar