

Combined Higher Secondary Level Examination 2024 Tier I

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

Q.1 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. to the

☐ 2. five hours early.

☐ 3. Pratigya arrived

☐ 4. railway station

Q.2 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. to attract customers

☐ 2. The companies were

☒ 3. giving in the prizes

☐ 4. during the festive season

Q.3 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. are a wonderful example

☐ 2. This artwork

☐ 3. for realistic style

☐ 4. of the period's vogue

Q.4 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.

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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. paused
☒ 2. caused
☒ 3. excruciated
☒ 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. including small-scale
☒ 2. including large-scale
☒ 3. excluding small-scale
☒ 4. excluding 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. restricted
☒ 2. basic
☒ 3. inflated
☒ 4. unlimited

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. success
☒ 2. goal
☒ 3. incompetency
☒ 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. Pink Revolution
☒ 2. White Revolution
☒ 3. Green Revolution
☒ 4. Blue Revolution

Q.10 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. Friend only at the time of prosperity
☒ 2. Best friends
☒ 3. Friends who come in good weather conditions
☒ 4. Friends who bring good rain

Q.11 The balloon started to deflate after being pricked with a needle. What is the ANTONYM of 'deflate'?

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

Q.12 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. Understanding something complicated
- ☐ 2. Comparing two things that can't be compared
- ☐ 3. Revealing a secret nobody knows
- ☐ 4. Ignoring something completely

Q.13 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. carreer
- ☐ 2. carrier
- ☐ 3. courier
- ☒ 4. career

Q.14 Select the most appropriate synonym of the given word.
Affirm

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

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

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

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

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

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

He is almost quiet well.

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

Q.18 Select the most appropriate option to correct the sentence by using meaning of the underlined word.
In the winter season, the poor woman needed a refuge where she could live freely and independently.

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

Q.19 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. mighty
☒ 2. gaint
☒ 3. marigold
☒ 4. princess

Q.20 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. frothing
☒ 2. raucous
☒ 3. clamorous
☒ 4. placid

Q.21 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.22 Select the most appropriate option that can substitute the underlined word segment in the following sentence.
It is a high-pay job.

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

Q.23 Select the most appropriate ANTONYM of the underlined word in the sentence.
He purchased very cheap dresses.

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

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. towed
☐ 2. toad
☐ 3. told
☐ 4. toed

Q.25 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 works for
☐ 2. Many a woman worked for
☐ 3. Many a women working for
☐ 4. Many a women works for

Q.1 If 'W' stands for '+', 'Y' stands for 'x', 'Z' stands for '+' and 'A' stands for '-', what will come in place of the question mark (?) in the following equation?

$$11\ W\ 11\ Y\ 11\ Z\ 11\ A\ 11 = ?$$

- Ans ☐ 1. 21
☒ 2. 11
☐ 3. 42
☐ 4. 22

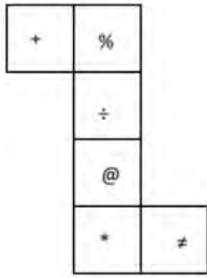
Q.2 The position of how many letters will remain unchanged if each of the letters in the word FLAMINGOES is arranged from left to right in alphabetical order?

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

Q.3 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. ix
☐ 2. kj
☒ 3. bn
☐ 4. kl

Q.4 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.5 What should come in place of ? in the given series based on the English alphabetical order?

GOW NIB UCG BWL ?

Ans ☒ 1. XOFG

☒ 2. VLB

☒ 3. IQQ

☒ 4. ZQH

Q.6 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 B 3 D 285 A 5 C 11 = ?

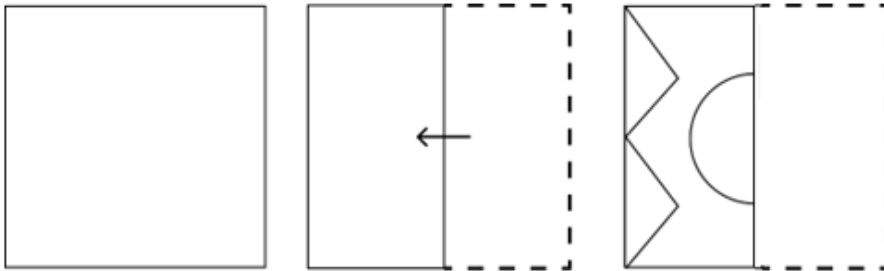
Ans ☒ 1. 272

☒ 2. 252

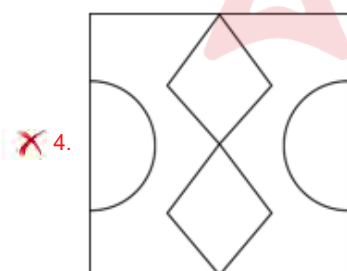
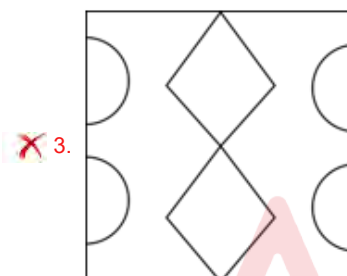
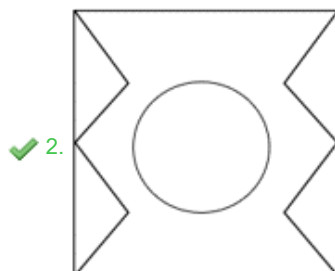
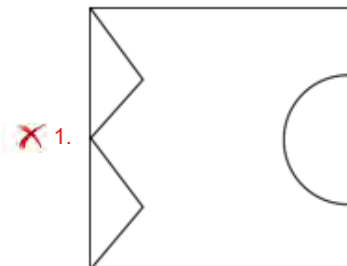
☒ 3. 242

☒ 4. 262

Q.7 A paper is folded and cut as shown below. How will it appear when unfolded?



Ans



Q.8 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. Only conclusion II follows

☐ 3. None of the conclusions follow

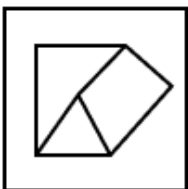
☐ 4. Both conclusions I and II follow

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

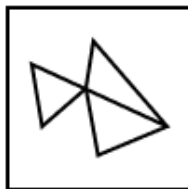


Ans

☐ 1.



☒ 2.



☐ 3.



☐ 4.



Q.10 If 16 September 2010 is Thursday, then what will be the day of the week on 17 August 2017?

Ans ☐ 1. Monday

☐ 2. Wednesday

☐ 3. Sunday

☒ 4. Thursday

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

291 256 310 275 329 294 ?

Ans ☐ 1. 356

☒ 2. 348

☐ 3. 331

☐ 4. 375

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

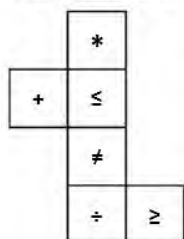
Ans ☐ 1. Anticlimax : Episode

☐ 2. Purgative : Eating

☒ 3. Antidote : Poisoning

☐ 4. Antibody : Braise

Q.13 What would be the symbol on the opposite side of ' \leq ' if the given sheet is folded to form a cube?



Ans ☐ 1. \geq

☐ 2. *

☒ 3. ÷

☐ 4. +

Q.14 What should come in place of the question mark (?) in the given series?

15, 30, 90, 360, 1800, ?

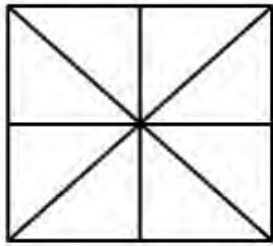
Ans ☐ 1. 14000

☒ 2. 10800

☐ 3. 11000

☐ 4. 12000

Q.15 How many triangles are there in the following figure?



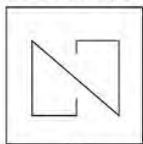
Ans ☒ 1. 16

☐ 2. 17

☐ 3. 14

☐ 4. 15

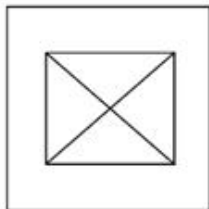
Q.16 Select the option in which the given figure X is embedded (i.e. contains figure X in the same form).



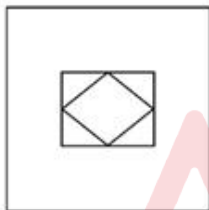
(X)

Ans

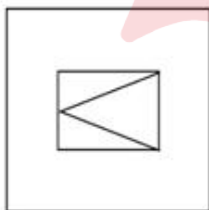
☐ 1.



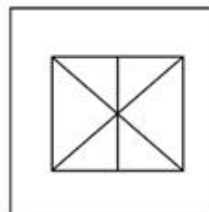
☐ 2.



☐ 3.



☒ 4.



Q.17 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. 250

☐ 3. 238

☐ 4. 248

Q.18 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. (9, 115, 6)

☐ 2. (11, 125, 4)

☒ 3. (7, 113, 8)

☐ 4. (5, 60, 6)

Q.19 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 brother's daughter

☐ 2. Husband's sister

☒ 3. Husband's brother's wife

☐ 4. Husband's mother

Q.20 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?

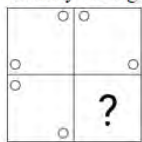
Ans ☒ 1. see

☐ 2. mo

☐ 3. tu

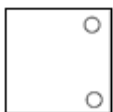
☐ 4. lo

Q.21 Identify the figure given in the options which when put in place of ? will logically complete the pattern.

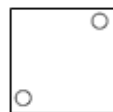


Ans

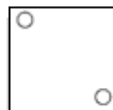
☒ 1.



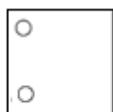
☒ 2.



☒ 3.



☒ 4.



Q.22 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 59?

Ans ☒ 1. 22 B 6 D 190 A 2 C 22

☒ 2. 22 B 6 C 190 A 2 D 22

☒ 3. 22 B 6 D 190 C 2 A 22

☒ 4. 22 A 6 D 190 B 2 C 22

Q.23 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. VYWX

☒ 2. JMKL

☒ 3. FJHI

☒ 4. ADBC

Q.24 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. Book : Author

☒ 2. Cook : Soup

☒ 3. Dam : Engineer

☒ 4. Magazine : Editor

Q.25 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.1 Find the third proportion to 36 and 48.

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

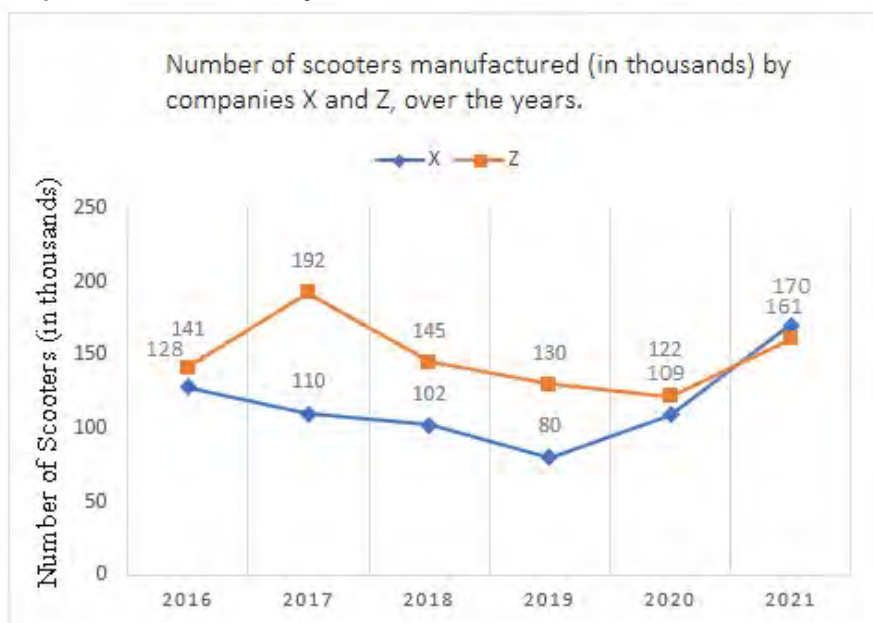
Q.2 Two circles with centres M and N have radii 5 cm and 8 cm, respectively. The circles touch each other externally at point T. A line PR is drawn such that the points M, T and N lie on PR, P being closer to M. From P, a tangent PQ = 12 cm is drawn to the circle with centre M touching at Q, and from 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. 53
 - ☒ 2. 43
 - ☒ 3. 26
 - ☒ 4. 37

Q.3 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. 25%
 - ☒ 2. 30%
 - ☒ 3. 15%
 - ☒ 4. 20%

Q.4 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. 2019
 - ☒ 2. 2020
 - ☒ 3. 2017
 - ☒ 4. 2018

Q.5 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. 36
 - ☒ 2. 48
 - ☒ 3. 28
 - ☒ 4. 26

Q.6 The perimeter of a semi-circle is 56.54 cm. What is its diameter (in cm)?

(Use $\pi = 3.14$)

- Ans
- ☒ 1. 22
 - ☒ 2. 20
 - ☒ 3. 11
 - ☒ 4. 10

Q.7 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. $\frac{25}{11}$
 - ☒ 2. $\frac{64}{21}$
 - ☒ 3. $\frac{64}{11}$
 - ☒ 4. $\frac{25}{21}$

Q.8 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. 50 km/hr
 - ☒ 2. 60 km/hr
 - ☒ 3. 70 km/hr
 - ☒ 4. 80 km/hr

Q.9 Find the remainder, when we divide $2x^3 - 3x^2 + 6x - 4$ by $2x - 3$.

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

Q.10 The total surface area of a solid hemisphere of diameter 28 cm is:

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

Q.11 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, 0.0005, 0.0003
 - ☒ 4. 0.2, 0.005, 0.0003

Q.12 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. 2
 - ☒ 2. 3
 - ☒ 3. 4
 - ☒ 4. 1

Q.13 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. $16\frac{1}{2}\%$

☐ 3. $18\frac{1}{2}\%$

☐ 4. $10\frac{1}{3}\%$

Q.14 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. 4

☐ 2. 2

☒ 3. 3

☐ 4. 5

Q.15 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. 611726

☒ 3. 87318

☐ 4. 65622

Q.16 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 $(\frac{x-y}{y} \times 100)\%$?

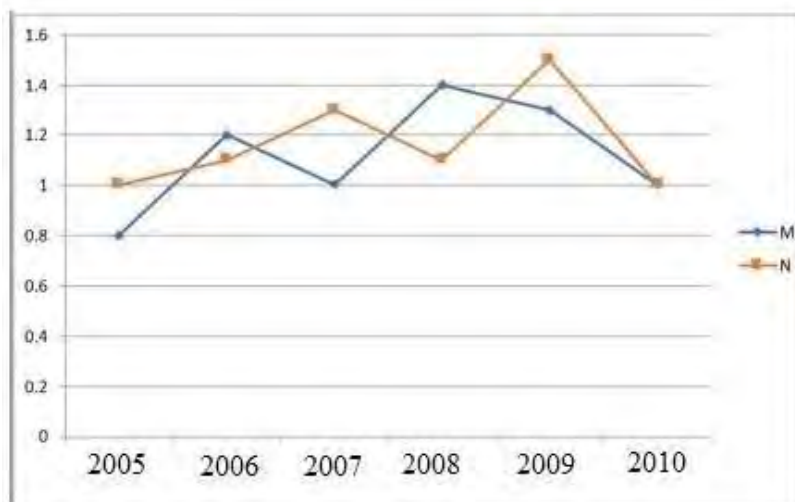
Ans ☐ 1. 22

☐ 2. 20

☐ 3. 24

☒ 4. 25

Q.17 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. 3
 - ☒ 3. 4
 - ☒ 4. 1

Q.18 The diameter of a cylinder is 14 cm and its height is 9 cm. Find the total surface area of the cylinder.

- Ans
- ☒ 1. 704 cm^2
 - ☒ 2. 714 cm^2
 - ☒ 3. 708 cm^2
 - ☒ 4. 700 cm^2

Q.19 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. ₹ 1350 crore
 - ☒ 2. ₹ 1225 crore
 - ☒ 3. ₹ 1325 crore
 - ☒ 4. ₹ 1400 crore

Q.20 $\triangle DEF$ and $\triangle GHI$ are two similar triangles. If $DE = 64$ cm, $GH = 24$ 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. 128

☐ 2. 96

☐ 3. 192

☐ 4. 82

Q.21 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. 36

☒ 2. 32

☐ 3. 40

☐ 4. 30

Q.22 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. 30

☐ 2. 20

☒ 3. 35

☐ 4. 25

Q.23 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. 35

☐ 2. 41

☐ 3. 45

☒ 4. 31

Q.24 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. ₹5,800

☒ 2. ₹5,700

☐ 3. ₹5,900

☐ 4. ₹6,000

Q.25 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. 16

☐ 2. 18

☒ 3. 24

☐ 4. 12

Q.1 Where is the oldest centre of lace work located in Gujarat?

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

Q.2 Federalism in the Indian constitutional context means:

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

Q.3 Which is the first state to receive rain from the Monsoon in India?

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

Q.4 Which of the following statements most accurately describes the planet Saturn?

- Ans
- ☒ 1. It is a gas giant made up mostly of hydrogen and helium and the density is less than that of water.
 - ☐ 2. Its surface is reddish in colour.
 - ☐ 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.5 In a spread sheet, page orientation is changed through _____.

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

Q.6 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.7 Part IV A of the Indian Constitution is related to _____.

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

Q.8 Which of the following steps is used to format a cell in an MS Excel Spreadsheet?

Ans

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

Q.9 Jagoi and Cholom are two divisions in the Indian classical dance form of _____.

Ans

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

Q.10 In Hindustani classical music, according to Vishnu Narayana Bhatkhande, how many thaats are the origins of ragas?

Ans

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

Q.11 In which year was the 'Aatmanirbhar Bharat Rojgar Yojana' launched by the Government of India?

Ans

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

Q.12 The institute established by Kaka Hathrasi in 1932 is:

Ans

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

Q.13 Which of the following schemes is related to minimising the use of chemical fertilisers, given in the Union Budget 2023-24?

Ans

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

Q.14 In which of the following cities was the Asian Wrestling Championship 2023 held?

Ans

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

Q.15 Which of the following years were considered plan holidays in Independent India?

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

Q.16 Who defeated Mohammad Ghori in the First Battle of Tarain fought in the year 1191?

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

Q.17 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.18 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. Jharkhand
 - ☒ 2. West Bengal
 - ☒ 3. Madhya Pradesh
 - ☒ 4. Chhattisgarh

Q.19 The Prarthana Samaj was established in _____ by Dr. Atma Ram Pandurang.

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

Q.20 _____ is defined as excess of total expenditure over total receipts excluding borrowings during a fiscal year.

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

Q.21 The President of India appointed _____ as the Governor of Karnataka in July 2021.

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

Q.22 Which of the following is a part of apical meristem found in roots.

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

Q.23 As of August, 2023, which of the following states has India's first fully functionally literate district?

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

Q.24 The 5th edition of the Khelo India Youth Games 2023 was hosted in January-February, 2023 by _____

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

Q.25 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-d, 2-b, 3-a, 4-c
 - ☒ 2. 1-a, 2-b, 3-d, 4-c
 - ☒ 3. 1-b, 2-d, 3-a, 4-c
 - ☒ 4. 1-b, 2-d, 3-c, 4-a