

Combined Higher Secondary Level Examination 2024 Tier I

Exam Date	02/07/2024
Exam Time	11:45 AM - 12:45 PM
Subject	CHSL Exam 2024 Tier I

Section : English Language

Q.1 The following sentence has been split into segments. Identify the segment that contains a grammatical error. If you don't find any error, mark 'No error' as your answer.
I goes to / attend dance classes at / the National Dance Academy.

- Ans**
- ☐ 1. No error
 - ☐ 2. attend dance classes at
 - ☐ 3. the National Dance Academy.
 - ☒ 4. I goes to

Q.2 Select the option that corrects the following sentence.
He has broken his leg yesterday.

- Ans**
- ☒ 1. He broke his leg yesterday.
 - ☐ 2. He had broke his leg yesterday.
 - ☐ 3. He have broken his leg yesterday.
 - ☐ 4. He has broke his leg yesterday.

Q.3 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
I noticed that they / did not went to / the museum but entered / a shopping complex.

- Ans**
- ☐ 1. the museum but entered
 - ☒ 2. did not went to
 - ☐ 3. a shopping complex.
 - ☐ 4. I noticed that they

Q.4 The given sentence is divided into three segments. Select the option that has the segment with a grammatical error. If there is no error, select 'No error'.
The meeting was called off / due to a medical emergency of / the manager of the company.

- Ans**
- ☒ 1. No error
 - ☐ 2. the manager of the company.
 - ☐ 3. The meeting was called off
 - ☐ 4. due to a medical emergency of

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.

If we look at the global population, out of every six persons living in this world, one is an Indian and (1)_____ a Chinese. The population of Pakistan is very (2)_____ and accounts for roughly about one-tenth of China or India. Though China is the largest nation and geographically (3)_____ the largest area among the three nations, its density is the lowest. Scholars point out the one child (4)_____ in China in the late 1970s as the major reason for low population growth. They also state that this measure led to a (5)_____ in the sex ratio, the proportion of females per 1000 males.

SubQuestion No : 5

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

- Ans**
- ☒ 1. many
 - ☒ 2. another
 - ☒ 3. either
 - ☒ 4. second

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.

If we look at the global population, out of every six persons living in this world, one is an Indian and (1)_____ a Chinese. The population of Pakistan is very (2)_____ and accounts for roughly about one-tenth of China or India. Though China is the largest nation and geographically (3)_____ the largest area among the three nations, its density is the lowest. Scholars point out the one child (4)_____ in China in the late 1970s as the major reason for low population growth. They also state that this measure led to a (5)_____ in the sex ratio, the proportion of females per 1000 males.

SubQuestion No : 6

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

- Ans**
- ☒ 1. small
 - ☒ 2. obscure
 - ☒ 3. much
 - ☒ 4. a little

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.

If we look at the global population, out of every six persons living in this world, one is an Indian and (1)_____ a Chinese. The population of Pakistan is very (2)_____ and accounts for roughly about one-tenth of China or India. Though China is the largest nation and geographically (3)_____ the largest area among the three nations, its density is the lowest. Scholars point out the one child (4)_____ in China in the late 1970s as the major reason for low population growth. They also state that this measure led to a (5)_____ in the sex ratio, the proportion of females per 1000 males.

SubQuestion No : 7

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

- Ans**
- ☒ 1. grasps
 - ☒ 2. occupies
 - ☒ 3. rents
 - ☒ 4. lodges

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.

If we look at the global population, out of every six persons living in this world, one is an Indian and (1)_____ a Chinese. The population of Pakistan is very (2)_____ and accounts for roughly about one-tenth of China or India. Though China is the largest nation and geographically (3)_____ the largest area among the three nations, its density is the lowest. Scholars point out the one child (4)_____ in China in the late 1970s as the major reason for low population growth. They also state that this measure led to a (5)_____ in the sex ratio, the proportion of females per 1000 males.

SubQuestion No : 8

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

- Ans**
- ☒ 1. average
 - ☒ 2. statute
 - ☒ 3. ordeal
 - ☒ 4. standard

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.

If we look at the global population, out of every six persons living in this world, one is an Indian and (1)_____ a Chinese. The population of Pakistan is very (2)_____ and accounts for roughly about one-tenth of China or India. Though China is the largest nation and geographically (3)_____ the largest area among the three nations, its density is the lowest. Scholars point out the one child (4)_____ in China in the late 1970s as the major reason for low population growth. They also state that this measure led to a (5)_____ in the sex ratio, the proportion of females per 1000 males.

SubQuestion No : 9

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

- Ans**
- ☒ 1. decline
 - ☒ 2. suspension
 - ☒ 3. diminish
 - ☒ 4. failure

Q.10 Select the most appropriate **ANTONYM** of the given word.

Lethargic

- Ans**
- ☒ 1. Exhausted
 - ☒ 2. Intelligent
 - ☒ 3. Active
 - ☒ 4. Cute

Q.11 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Please take many as you want.

- Ans**
- ☒ 1. so much
 - ☒ 2. as much
 - ☒ 3. too much
 - ☒ 4. much of

Q.12 Select the most appropriate synonym of the bracketed word in the following sentence to fill in the blank.
The city's infrastructure was ill-equipped to handle the influx of _____(visitors) during the peak season.

- Ans**
- ☒ 1. tourists
 - ☒ 2. citizens
 - ☒ 3. natives
 - ☒ 4. residents

Q.13 Select the most appropriate option to fill in the blank.
Both the criminals were cruel and _____.

- Ans**
- ☐ 1. sympathetic
 - ☐ 2. warm
 - ☒ 3. brutal
 - ☐ 4. diligent

Q.14 Select the most appropriate option that can substitute the underlined segment in the following sentence.
Rimjhim received a children's very illustrated colourful atlas on her 10th birthday.

- Ans**
- ☐ 1. a very illustrated colourful atlas children
 - ☒ 2. a very colourful illustrated children's atlas
 - ☐ 3. an very illustrated colourful children's atlas
 - ☐ 4. a colourful very illustrated children's atlas

Q.15 Identify the incorrectly spelt word and select its correct spelling.
Wether we want to admit it or not, we all wish everyone would like us.

- Ans**
- ☐ 1. addmit
 - ☒ 2. whether
 - ☐ 3. admitt
 - ☐ 4. whither

Q.16 Select the most appropriate meaning of the given idiom.
Slip your mind

- Ans**
- ☒ 1. Forget about something
 - ☐ 2. Think about something for a short time
 - ☐ 3. Immediately think of something
 - ☐ 4. Can't think of anything to say

Q.17 Select the most appropriate option to fill in the blank.

I was in the _____ of a meeting when somebody called me.

- Ans**
- ☐ 1. centre
 - ☐ 2. corner
 - ☐ 3. round
 - ☒ 4. middle

Q.18 Select the most appropriate spelling of the underlined word in the given sentence.
The prison is euphemistically called a 'rehabillitation centre'.

- Ans**
- ☐ 1. rehabilitation
 - ☒ 2. rehabilitation
 - ☐ 3. rehilitation
 - ☐ 4. rehabilation

Q.19 Identify the most appropriate synonym of the following word.
Implicate

- Ans**
- ☐ 1. Complain
 - ☐ 2. Confuse
 - ☒ 3. Accuse
 - ☐ 4. Interrogate

Q.20 Select the most appropriate ANTONYM of the word given in brackets to fill in the blank.
The firefighter summoned all her _____ (cowardice) and rushed into the burning building.

- Ans**
- ☐ 1. skills
 - ☐ 2. erudition
 - ☒ 3. courage
 - ☐ 4. expertise

Q.21 Select the most appropriate homonym to fill in the blank.

_____ is a red-coloured root vegetable.

- Ans**
- ☒ 1. Beet
 - ☐ 2. Beat
 - ☐ 3. Bead
 - ☐ 4. Bit

Q.22 Select the most appropriate synonym of the given word.
Pliable

- Ans**
- ☐ 1. Severe
 - ☐ 2. Probable
 - ☒ 3. Malleable
 - ☐ 4. Rigid

Q.23 Select the most appropriate meaning of the given idiom.
Lose heart

- Ans**
- ☐ 1. To be suspicious of your success
 - ☐ 2. To get success by believing in yourself
 - ☒ 3. To stop believing that you can succeed
 - ☐ 4. To believe in your success

Q.24 Select the most appropriate option that can substitute the underlined words in the following sentence.
I hope you have enjoying yourselves at the party tonight!

- Ans**
- ☐ 1. enjoys yourselves
 - ☐ 2. will be enjoy himself
 - ☐ 3. are enjoying themselves
 - ☒ 4. enjoy yourselves

Q.25 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Their was a large snake found in the garden last evening.

- Ans**
- ☒ 1. There was a large snake
 - ☐ 2. There was the larger snake
 - ☐ 3. There was not a large snake
 - ☐ 4. Their was the larger snake

Section : General Intelligence

Q.1 In a certain code language,
'M & N' means 'M is the wife of N',
'M @ N' means 'M is the brother of N',
'M \$ N' means 'M is the father of N',
'M # N' means 'M is the sister of N'.
Based on this, how is D related to H, if 'D & E \$ F # G @ H'?

- Ans**
- ☐ 1. Father's sister
 - ☐ 2. Sister
 - ☐ 3. Father's mother
 - ☒ 4. Mother

Q.2 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(5, 7, 74)
(6, 4, 52)

(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. (11, 5, 146)

☐ 2. (6, 2, 52)

☐ 3. (9, 5, 206)

☐ 4. (9, 5, 405)

Q.3 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?

44 B 5 C 68 D 144 A 4 = ?

Ans ☒ 1. 252

☐ 2. 250

☐ 3. 254

☐ 4. 256

Q.4 What should come in place of the question mark (?) in the given series?

3977, 3877, 3777, 3677, 3577, ?

Ans ☐ 1. 3333

☒ 2. 3477

☐ 3. 3277

☐ 4. 3377

Q.5 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 shirts are pants.

Some dresses are pants.

Some pants are ties.

Conclusion (I): Some dresses are ties.

Conclusion (II): Some ties are shirts.

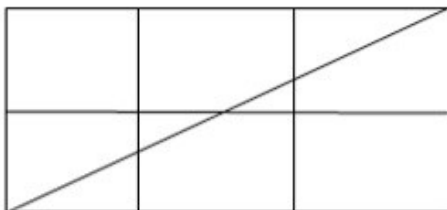
Ans ☐ 1. Only conclusion (I) follows.

☐ 2. Both conclusions (I) and (II) follow.

☐ 3. Only conclusion (II) follows.

☒ 4. Neither conclusion (I) nor (II) follows.

Q.6 How many triangles are there in the following figure?



Ans ☒ 1. 8

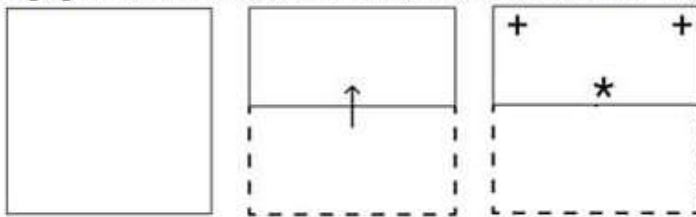
☐ 2. 5

☐ 3. 7

☐ 4. 6

Q.7

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



Ans

- ✗ 1.
- ✓ 2.
- ✗ 3.
- ✗ 4.

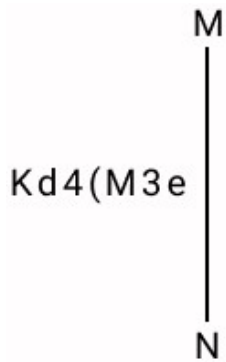
Q.8

What should come in place of the question mark (?) in the given series based on the English alphabetical order?
YAU, DFZ, IKE, NPJ, ?

Ans

- ✓ 1. SUO
- ✗ 2. RUS
- ✗ 3. SOU
- ✗ 4. SRU

Q.9 Select the correct mirror image of the given combination when the mirror is placed at MN as shown below.



Ans

- ☒ 1. Kq4(3Me
- ☒ 2. K4p(M3e
- ☒ 3. Kd4(M3e
- ☒ 4. Kq4(M3e

Q.10 If the seventh day of a month is three days earlier than Friday, then what day will it be on the 20th day of the month?

Ans

- ☒ 1. Thursday
- ☒ 2. Tuesday
- ☒ 3. Monday
- ☒ 4. Wednesday

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

67 100 146 179 225 258 ?

Ans

- ☒ 1. 325
- ☒ 2. 318
- ☒ 3. 292
- ☒ 4. 304

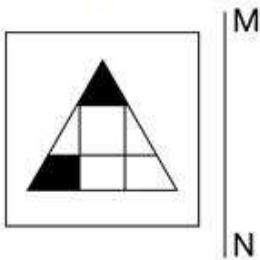
Q.12 Three of the following four are alike in a certain way and thus form a group. Which is the one that does NOT belong to that group?

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

Ans

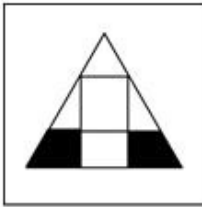
- ☒ 1. GJN
- ☒ 2. RVZ
- ☒ 3. LPT
- ☒ 4. BFJ

Q.13 Select the correct mirror image of the given figure when the mirror is placed at MN, as shown.

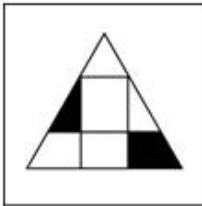


Ans

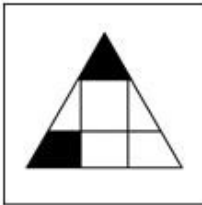
✗ 1.



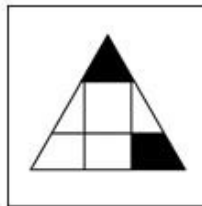
✗ 2.



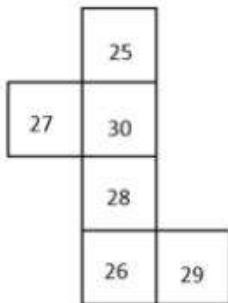
✗ 3.



✓ 4.



Q.14 What would be the number on the opposite side of '30' if the given sheet is folded to form a cube?



Ans

✗ 1. 27

✗ 2. 29

✗ 3. 28

✓ 4. 26

Q.15 99 is related to 77.3 following a certain logic. Following the same logic, 84.4 is related to 62.7. To which of the following is 72.6 related, following the same logic?

- Ans**
- ☒ 1. 52.7
 - ☒ 2. 50.9
 - ☒ 3. 57.3
 - ☒ 4. 54.2

Q.16 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/consonants/vowels in the word.)

Problem : Solution

- Ans**
- ☒ 1. Lost : Found
 - ☒ 2. Time : Money
 - ☒ 3. Success : Fame
 - ☒ 4. Talk : Speak

Q.17 If 'E' stands for '×', 'O' stands for '+', 'U' stands for '-' and 'V' stands for '÷', what will come in place of the question mark (?) in the following equation?

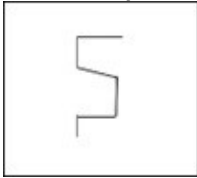
$$12 \text{ V } 2 \text{ O } 36 \text{ E } 48 \text{ U } 53 = ?$$

- Ans**
- ☒ 1. 3142
 - ☒ 2. 1650
 - ☒ 3. 6234
 - ☒ 4. 1681

Q.18 What will come in the place of '?' in the following equation if '+' and '-' are interchanged and '×' and '÷' are interchanged?
 $21 + 23 - 46 \times 23 \div 21 = ?$

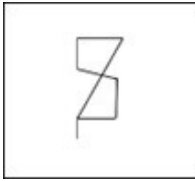
- Ans**
- ☒ 1. 90
 - ☒ 2. 65
 - ☒ 3. 78
 - ☒ 4. 40

Q.19 Select the option in which the given figure is embedded (rotation is not allowed).

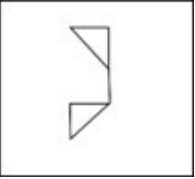


Ans

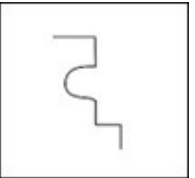
✓ 1.



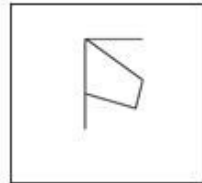
✗ 2.



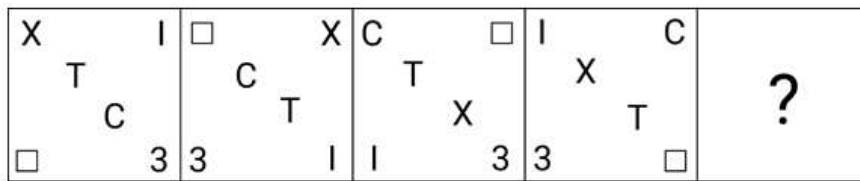
✗ 3.



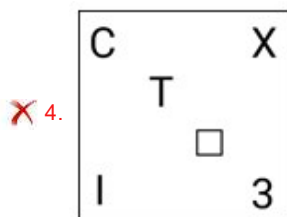
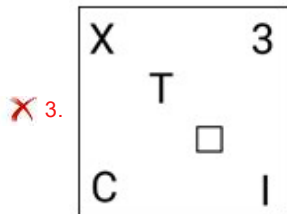
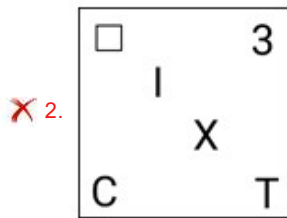
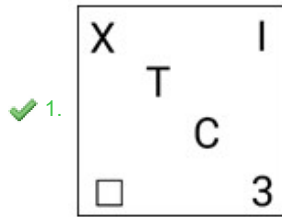
✗ 4.



Q.20 Identify the figure given in the options that when put in place of the question mark (?) will logically complete the series.



Ans



Q.21 In a certain code language, 'no way out' is written as 'rp ab lm' and 'out of house' is written as 'mr rp bd'. How is 'out' written in the given language?

Ans

✗ 1. ab

✓ 2. rp

✗ 3. lm

✗ 4. mr

Q.22 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)

Honest : Corrupt

Ans

✗ 1. Observe : Watch

✓ 2. Strong : Fragile

✗ 3. Admire : Respect

✗ 4. Scarce : Rare

Q.23 HF 16 is related to KI 8 in a certain way. In the same way, RP 10 is related to US 5. To which of the following is NL 6 related, following the same logic?

- Ans**
- ☐ 1. QS 2
 - ☐ 2. OQ 2
 - ☐ 3. LJ 3
 - ☒ 4. QO 3

Q.24 In a certain code language, 'love to god' is coded as 'xr od yk' and 'god bless you' is coded as 'tc ap od'. How is 'god' coded in the given language?

- Ans**
- ☒ 1. od
 - ☐ 2. yk
 - ☐ 3. tc
 - ☐ 4. ap

Q.25 Which of the following letter-clusters can replace the question mark (?) in the given series to make it logically complete? PQR, RTV, TWZ, VZD, ?

- Ans**
- ☐ 1. YCZ
 - ☐ 2. WXT
 - ☐ 3. OPS
 - ☒ 4. XCH

Section : Quantitative Aptitude

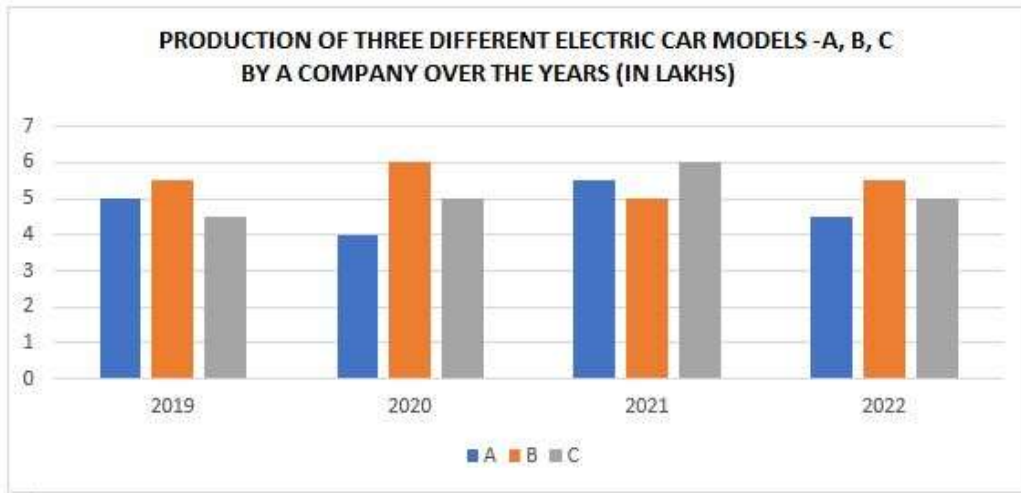
Q.1 On dividing a certain number by 304, we get 43 as the remainder. If the same number is divided by 16, what will be the remainder?

- Ans**
- ☐ 1. 8
 - ☒ 2. 11
 - ☐ 3. 15
 - ☐ 4. 12

Q.2 The sum of the five consecutive even numbers is 2720. The sum of the third and fifth numbers is:

- Ans**
- ☐ 1. 1192
 - ☐ 2. 1292
 - ☒ 3. 1092
 - ☐ 4. 1392

Q.3 An electric vehicle company produces three different car models: A, B and C. The production of three different models over a period of four years has been shown in the bar graph below.



What is the difference between the average production of Model A in 2019, 2021 and 2022 and the average production of Model B in 2020, 2021 and 2022?

- Ans**
- ☐ 1. 95,000 cars
 - ☐ 2. 80,000 cars
 - ☐ 3. 45,000 cars
 - ☒ 4. 50,000 cars

Q.4 A hemisphere has a radius of 6.2 cm. Find its total surface area (use $\pi = 3.14$) (round off to two decimal places).

- Ans**
- ☐ 1. 282.25 cm²
 - ☐ 2. 358.52 cm²
 - ☐ 3. 276.35 cm²
 - ☒ 4. 362.10 cm²

Q.5 Consider two concentric circles having radii 17 cm and 15 cm. What is the length (in cm) of the chord, of the bigger circle, which is a tangent to the smaller circle?

- Ans**
- ☒ 1. 16
 - ☐ 2. 10
 - ☐ 3. 12
 - ☐ 4. 8

Q.6 The volume of a cube is reduced to 72.9%. By how much is the side of the cube reduced?

- Ans**
- ☐ 1. 9.5%
 - ☒ 2. 10%
 - ☐ 3. 8.5%
 - ☐ 4. 9%

Q.7 When a number is increased by 8, it becomes 120% of itself. The number is:

- Ans**
- ☐ 1. 30
 - ☒ 2. 40
 - ☐ 3. 60
 - ☐ 4. 50

Q.8 What is the effective discount percentage if a shopkeeper offers a scheme discount 'buy five and get one free'?

- Ans
- ☐ 1. 15.67%
 - ☒ 2. 16.67%
 - ☐ 3. 16.33%
 - ☐ 4. 15.33%

Q.9 Simplify the following expression.

$$(3 - 3 \times 3 + 3 \div 3 + 3 \times 5) \times 2 \text{ of } 5 + (2 + 2 \div 2 + 2 \times 2 - 2)$$

- Ans
- ☐ 1. 102
 - ☐ 2. 100
 - ☐ 3. 106
 - ☒ 4. 105

Q.10 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

What is the total raw score obtained by Rohit?

- Ans
- ☐ 1. 425
 - ☐ 2. 444.5
 - ☐ 3. 430.5
 - ☒ 4. 440.5

Q.11 47 masons can dig a 35 m long trench in one day. How many masons should be employed for digging a 105 m long trench of the same type in one day?

- Ans
- ☐ 1. 94
 - ☒ 2. 141
 - ☐ 3. 128
 - ☐ 4. 70

Q.12 The simple interest on a sum of money for $1\frac{1}{2}$ years at 10% per annum is ₹30 more than the simple interest on the same sum for 1 year at 12% per annum. Find the sum.

- Ans
- ☒ 1. ₹1,000
 - ☐ 2. ₹1,050
 - ☐ 3. ₹1,250
 - ☐ 4. ₹1,200

Q.13 Moving at $\frac{6}{7}$ of its usual speed, a bus is 20 minutes late. What is its usual time to cover the journey?

Ans ☒ 1. 2 hours
☐ 2. 4 hours
☐ 3. 1.5 hours
☐ 4. 3 hours

Q.14 The average monthly expenditure of a family was ₹2,500 during the first 4 months, ₹2,750 during the next 5 months and ₹3,550 during the last 3 months of a year. If the total saving during the year was ₹5,500, what was the average monthly income of the family?

Ans ☒ 1. ₹3,325
☐ 2. ₹4,375
☐ 3. ₹5,790
☐ 4. ₹7,355

Q.15 The distance between the centres of two circles of radii 4 cm and 2 cm is 10 cm. The length (in cm) of a transverse common tangent is:

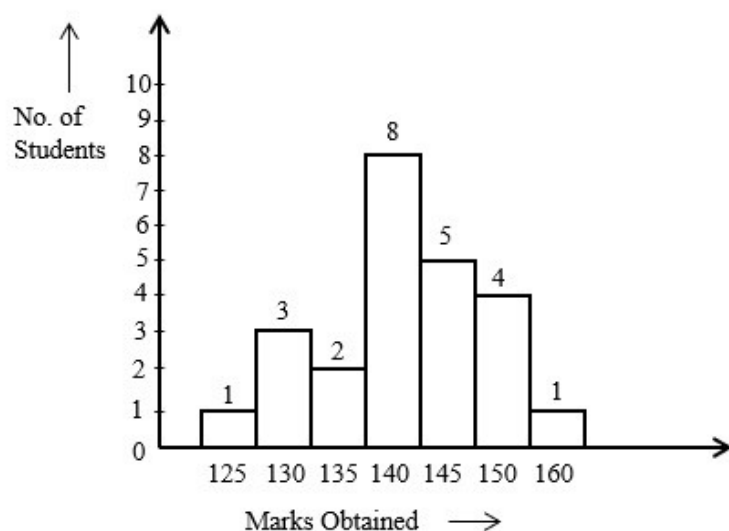
Ans ☐ 1. 13
☐ 2. 11
☐ 3. 6
☒ 4. 8

Q.16 If the brick size is 25 cm×12 cm×9 cm, then how many bricks are required to construct a wall of length 10 m, breadth 22.5 cm and height 6 m?

Ans ☐ 1. 6000
☐ 2. 4500
☒ 3. 5000
☐ 4. 8000

Q.17

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



How many students obtained less than the average marks of the class?

Ans

✓ 1. 14

✗ 2. 6

✗ 3. 11

✗ 4. 10

Q.18

Given that $\sin \theta = \frac{15}{17}$. Evaluate $\frac{15 \cot \theta + 17 \sin \theta}{8 \tan \theta + 16 \sec \theta}$, where $0^\circ < \theta < 90^\circ$.

Ans

✓ 1. $\frac{23}{49}$ ✗ 2. $\frac{49}{23}$ ✗ 3. $\frac{49}{26}$ ✗ 4. $\frac{26}{23}$

Q.19

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

The pie-chart shows the monthly expenditure incurred by a family on various items and their savings.



If the total expenditure is ₹84,000, then what is the expenditure on food (in ₹)?

- Ans
- ✓ 1. 29400
 - ✗ 2. 23500
 - ✗ 3. 19400
 - ✗ 4. 27400

Q.20 Two equal circles are drawn on a square in such a way that opposite side of the square forms the diameter of each circle. If the remaining area of the square is 42 cm^2 , what is the measurement (in cm) of the diameter of each circle?

- Ans
- ✗ 1. 3.5
 - ✗ 2. 2.5
 - ✓ 3. 14
 - ✗ 4. 7

Q.21 If 70% of the cost price of an article is equal to 40% of its selling price, what is the profit percentage?

- Ans
- ✓ 1. 75%
 - ✗ 2. 45%
 - ✗ 3. 85%
 - ✗ 4. 20%

Q.22 From the salary of a software engineer, if 15% is used as house rent, 25% of the remaining is spent on household items, 25% of the remaining as income tax, and 15% of the remaining on clothing, then he is left with ₹10,404. Find his total salary.

- Ans
- ✗ 1. ₹22,600
 - ✗ 2. ₹24,600
 - ✓ 3. ₹25,600
 - ✗ 4. ₹23,600

Q.23 If the side of a square is increased by 5%, then the percentage increase in its area will be:

- Ans
- ✗ 1. 10%
 - ✗ 2. 11%
 - ✗ 3. 10.5%
 - ✓ 4. 10.25%

Q.24 If 35 is the mean proportional of 25 and x, then what is value of x?

- Ans
- ☐ 1. 46
 - ☐ 2. 47
 - ☒ 3. 49
 - ☐ 4. 48

Q.25 If ΔABC and ΔPQR are similar. $AB = 8$ cm, $PQ = 12$ cm, $QR = 18$ cm and $RP = 24$ cm, then the perimeter of ΔABC is _____ cm.

- Ans
- ☐ 1. 27
 - ☒ 2. 36
 - ☐ 3. 42
 - ☐ 4. 54

Section : General Awareness

Q.1 The Industrial Policy Resolution, 1948 mainly categorised the large-scale industries into _____ fragments.

- Ans
- ☐ 1. three
 - ☒ 2. four
 - ☐ 3. two
 - ☐ 4. five

Q.2 Which of the following statements are INCORRECT vis-à-vis features of the Indian Constitution?

- 1) The Constitution empowers the Prime Minister to proclaim three types of emergencies.
- 2) A reservation policy is there to uplift the disadvantaged sections of society.
- 3) The Supreme Court has no power of judicial review.
- 4) The Constitution provides for universal adult suffrage.

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

Q.3 Who is the only Indian woman who has been ranked world's no.1 for badminton?

- Ans
- ☐ 1. P V Sindhu
 - ☐ 2. Rituparna Das
 - ☐ 3. Jwala Gutta
 - ☒ 4. Saina Nehwal

Q.4 Which famous book was written by 'Haripala'?

- Ans
- ☒ 1. Sangeeta Sudhakara
 - ☐ 2. Sangeet Darpan
 - ☐ 3. Sangeet Ratnakara
 - ☐ 4. Gita Govinda

Q.5 Which of the following is an example of a 'solid in a liquid' type of solution?

- Ans
- ☒ 1. Tincture of iodine
 - ☐ 2. Vinegar
 - ☐ 3. Brass
 - ☐ 4. Bronze

Q.6 In September 2022 the book 'Ambedkar and Modi: Reformer's Ideas Performer's Implementation' has been written by which of the following personalities?

- Ans**
- ☐ 1. Sarvepalli Radhakrishnan
 - ☐ 2. APJ Abdul Kalam
 - ☒ 3. Ram Nath Kovind
 - ☐ 4. Pratibha Patil

Q.7 According to Census of India 2011, how many districts are there in India?

- Ans**
- ☐ 1. 620
 - ☒ 2. 640
 - ☐ 3. 630
 - ☐ 4. 610

Q.8 Mahabalipuram temple was built under the reign of which of the following dynasties?

- Ans**
- ☐ 1. Rashtrakuta
 - ☐ 2. Pratihara
 - ☐ 3. Chola
 - ☒ 4. Pallava

Q.9 Which folk music does NOT belong to Nagaland?

- Ans**
- ☒ 1. Nyioga
 - ☐ 2. Hereileu
 - ☐ 3. Heliamleu
 - ☐ 4. Neuleu

Q.10 Article 20 of the Constitution of India is related to ____.

- Ans**
- ☒ 1. protection in respect of conviction for offenses
 - ☐ 2. abolition of titles
 - ☐ 3. equality of opportunities in matters of public employment
 - ☐ 4. freedom to manage religious affairs

Q.11 Which of the following is NOT a poverty alleviation programme in India?

- Ans**
- ☐ 1. Swarna Jayanti Shahari Rozgar Yojana
 - ☒ 2. Rashtriya Uchatar Shiksha Abhiyan
 - ☐ 3. Integrated Rural Development Program
 - ☐ 4. Prime Minister Rozgar Yojana

Q.12 On what type of data can MS Excel functions operate?

- Ans**
- ☐ 1. External data sources only
 - ☒ 2. Range of cells or groups of cells
 - ☐ 3. Entire worksheets only
 - ☐ 4. Individual cells only

Q.13 Which of the following was NOT a venue for the 66th National School Games 2022-23?

- Ans**
- ☐ 1. Delhi
 - ☐ 2. Gwalior
 - ☐ 3. Bhopal
 - ☒ 4. Ludhiana

Q.14 Which of the following groups of places in India has little differences in day and night temperatures?

- Ans**
- ☐ 1. Bhopal and Indore
 - ☒ 2. Chennai and Thiruvananthapuram
 - ☐ 3. Jammu and Kashmir
 - ☐ 4. Jaipur and Jaisalmer

Q.15 Which of the following is the festival of Kerala that heralds the harvest season, lasts for 10 days, and has snake boat races etc?

- Ans**
- ☐ 1. Thiruvathira
 - ☒ 2. Onam
 - ☐ 3. Thrissur Pooram
 - ☐ 4. Vishu

Q.16 When was the Bharat Nirman Programme launched by the Government of India?

- Ans**
- ☐ 1. 2010
 - ☐ 2. 2014
 - ☒ 3. 2005
 - ☐ 4. 2000

Q.17 'Chhau' is a popular dance of which of the following state?

- Ans**
- ☒ 1. Gujarat
 - ☐ 2. Kerala
 - ☐ 3. Haryana
 - ☐ 4. Jharkhand

Q.18 What is the main objective of Fiscal Responsibility and Budget Management Act (FRBMA), 2003?

- Ans**
- ☐ 1. To reduce subsidies
 - ☐ 2. To increase exports
 - ☒ 3. To reduce fiscal deficit
 - ☐ 4. To increase excise duty

Q.19 How do the muscle cells help in movement?

- Ans**
- ☐ 1. The lining of the vessels inside help in movement.
 - ☒ 2. The contraction and relaxation of these cells result in movement.
 - ☐ 3. The blood flow of the cells helps in movement.
 - ☐ 4. The thickness of the cell layer helps in movement.

Q.20 What will happen when you select the cell contents of a particular row in MS-Excel and then click the Delete button?

- Ans**
- ☒ 1. Entries in all the selected cells will be deleted
 - ☐ 2. Only first three cells will be deleted
 - ☐ 3. Entire row will be deleted
 - ☐ 4. First five cell entries will be deleted

Q.21 The Reserve Bank of India was fully nationalised and owned by the Government of India in which of the following years?

- Ans**
- ☒ 1. 1949
 - ☐ 2. 1950
 - ☐ 3. 1947
 - ☐ 4. 1948

Q.22 Orographic rainfall occurs when _____.

- Ans**
- ☐ 1. a cyclone makes a landfall
 - ☐ 2. the air masses collide at Intertropical Convergence Zone
 - ☒ 3. saturated air mass comes across a mountain
 - ☐ 4. hot air rises up in conventional currents

Q.23 The fifth edition of the Khelo India Youth Games were organised in Bhopal city in which year?

- Ans**
- ☐ 1. 2022
 - ☐ 2. 2020
 - ☐ 3. 2021
 - ☒ 4. 2023

Q.24 In April 2023, Government of India launched Vibrant Village Programme from Kibithoo village which is located in _____.

- Ans**
- ☐ 1. Meghalaya
 - ☐ 2. Bihar
 - ☒ 3. Arunachal Pradesh
 - ☐ 4. Assam

Q.25 In July 2021, which state government passed a resolution supporting an ad hoc committee report that favoured the creation of a legislative council?

- Ans**
- ☒ 1. West Bengal
 - ☐ 2. Bihar
 - ☐ 3. Telangana
 - ☐ 4. Odisha