

Combined Higher Secondary Level Examination 2024 Tier I

Exam Date	11/07/2024
Exam Time	5:15 PM - 6:15 PM
Subject	CHSL Exam 2024 Tier I

Section : English Language

Q.1 Parts of the following sentence have been given as options. Select the option that contains an error.

Geeta was working now but she can be seen swimming in the river every evening.

- Ans**
- ☐ 1. swimming in the
 - ☐ 2. river every evening.
 - ☐ 3. but she can be seen
 - ☒ 4. Geeta was working now

Q.2 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
The manager asked / the cooking team, "Who / among you is to baked the / Christmas cake this year?"

- Ans**
- ☐ 1. Christmas cake this year?"
 - ☐ 2. The manager asked
 - ☒ 3. among you is to baked the
 - ☐ 4. the cooking team, "Who

Q.3 Select the grammatically INCORRECT sentence.

- Ans**
- ☐ 1. They often meet each other.
 - ☐ 2. They always meet each other.
 - ☒ 3. They quite meet each other.
 - ☐ 4. They hardly meet each other.

Q.4 The following sentence has been divided into four segments. Identify the segment that contains a grammatical error.
The new / secretary / does not likes / me.

- Ans**
- ☐ 1. me.
 - ☐ 2. secretary
 - ☐ 3. The new
 - ☒ 4. does not likes

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.

Teachers 1_____ given continuous opportunities for self-improvement and to learn the latest innovations and advances in their professions. Each teacher 2_____ expected to participate in at least 50 hours of CPD opportunities every year for their own professional development, driven 3_____ their own interests. CPD opportunities will, in particular, 4_____ cover the latest pedagogies regarding foundational literacy and numeracy, formative and adaptive assessment of learning outcomes, competency-based learning and related pedagogies, 5_____ experiential learning, arts-integrated, sports-integrated and storytelling-based approaches, etc.

SubQuestion No : 5

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

- Ans**
- ☒ 1. shall be
 - ☒ 2. will be
 - ☒ 3. can be
 - ☒ 4. would be

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.

Teachers 1_____ given continuous opportunities for self-improvement and to learn the latest innovations and advances in their professions. Each teacher 2_____ expected to participate in at least 50 hours of CPD opportunities every year for their own professional development, driven 3_____ their own interests. CPD opportunities will, in particular, 4_____ cover the latest pedagogies regarding foundational literacy and numeracy, formative and adaptive assessment of learning outcomes, competency-based learning and related pedagogies, 5_____ experiential learning, arts-integrated, sports-integrated and storytelling-based approaches, etc.

SubQuestion No : 6

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

- Ans**
- ☒ 1. shall be
 - ☒ 2. would be
 - ☒ 3. can be
 - ☒ 4. will be

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.

Teachers 1_____ given continuous opportunities for self-improvement and to learn the latest innovations and advances in their professions. Each teacher 2_____ expected to participate in at least 50 hours of CPD opportunities every year for their own professional development, driven 3_____ their own interests. CPD opportunities will, in particular, 4_____ cover the latest pedagogies regarding foundational literacy and numeracy, formative and adaptive assessment of learning outcomes, competency-based learning and related pedagogies, 5_____ experiential learning, arts-integrated, sports-integrated and storytelling-based approaches, etc.

SubQuestion No : 7

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

- Ans**
- ☒ 1. by
 - ☒ 2. from
 - ☒ 3. at
 - ☒ 4. for

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.

Teachers 1_____ given continuous opportunities for self-improvement and to learn the latest innovations and advances in their professions. Each teacher 2_____ expected to participate in at least 50 hours of CPD opportunities every year for their own professional development, driven 3_____ their own interests. CPD opportunities will, in particular, 4_____ cover the latest pedagogies regarding foundational literacy and numeracy, formative and adaptive assessment of learning outcomes, competency-based learning and related pedagogies, 5_____ experiential learning, arts-integrated, sports-integrated and storytelling-based approaches, etc.

SubQuestion No : 8

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

- Ans**
- ☒ 1. carelessly
 - ☒ 2. systematically
 - ☒ 3. roughly
 - ☒ 4. partially

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.

Teachers 1_____ given continuous opportunities for self-improvement and to learn the latest innovations and advances in their professions. Each teacher 2_____ expected to participate in at least 50 hours of CPD opportunities every year for their own professional development, driven 3_____ their own interests. CPD opportunities will, in particular, 4_____ cover the latest pedagogies regarding foundational literacy and numeracy, formative and adaptive assessment of learning outcomes, competency-based learning and related pedagogies, 5_____ experiential learning, arts-integrated, sports-integrated and storytelling-based approaches, etc.

SubQuestion No : 9

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

- Ans**
- ☒ 1. same as
 - ☒ 2. such as
 - ☒ 3. from as
 - ☒ 4. for as

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

The waters of Germany are abundant in fish, but there are few genera and species in them.

- Ans**
- ☒ 1. deficient
 - ☒ 2. flourish
 - ☒ 3. allay
 - ☒ 4. discord

Q.11 Select the most appropriate synonym of the given word.

Revolution

- Ans**
- ☒ 1. Stagnation
 - ☒ 2. Gyration
 - ☒ 3. Harmony
 - ☒ 4. Order

Q.12 Select the most appropriate **ANTONYM** for the given word.

Ghastly

- Ans**
- ☒ 1. Agitated
 - ☒ 2. Bitter
 - ☒ 3. Relaxing
 - ☒ 4. Pleasant

Q.13 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.
I opened the box beneath the table and took of a book, the Materia Medica.

- Ans**
- ☒ 1. took out
 - ☐ 2. take off
 - ☐ 3. took in
 - ☐ 4. No substitution required

Q.14 Parts of the following sentence have been given as options. Select the option that contains a spelling error.
I was alarmed lest we should be wreked.

- Ans**
- ☐ 1. I was
 - ☒ 2. be wreked.
 - ☐ 3. we should
 - ☐ 4. alarmed lest

Q.15 Based on the situation in the sentence, select the most appropriate idiom.
After many years of rivalry, the two schools decided to _____ and participate in a National Event together.

- Ans**
- ☐ 1. bell the cat
 - ☒ 2. bury the hatchet
 - ☐ 3. go cold turkey
 - ☐ 4. be in the doldrums

Q.16 Choose the option that best describes the meaning of the idioms and phrases underlined in the given sentence.
A jack of all trades cannot survive in the world of specialisation.

- Ans**
- ☐ 1. A good communicator
 - ☒ 2. A person who can do many things but is not an expert in any
 - ☐ 3. An expert of many jobs
 - ☐ 4. A businessman

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

Do not later about the street.

- Ans**
- ☒ 1. loiter around
 - ☐ 2. litre about
 - ☐ 3. litter about
 - ☐ 4. latter about

Q.18 Select the most appropriate ANTONYM of the given word.
Compulsory

- Ans**
- ☒ 1. Optional
 - ☐ 2. Reliable
 - ☐ 3. Factional
 - ☐ 4. Full-fledged

Q.19 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Well, I prefer eating at home from eating out.

- Ans**
- ☐ 1. and eating out
 - ☐ 2. than eating out
 - ☐ 3. while eating out
 - ☒ 4. to eating out

Q.20 Rectify the sentence by selecting the correct spelling from the options.

The advertisement of vacancies in education sector has received huge response.

- Ans**
- ☒ 1. Vecencies
 - ☐ 2. Vacansies
 - ☐ 3. Vecancies
 - ☒ 4. Vacancies

Q.21 Select the most appropriate ANTONYM of the underlined word in the given sentence.
The athlete looked unsettled before the race.

- Ans**
- ☒ 1. Confident
 - ☐ 2. Reticent
 - ☐ 3. Triumphant
 - ☐ 4. Tangent

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

- Ans**
- ☐ 1. Cruel
 - ☐ 2. Bright
 - ☐ 3. Top
 - ☒ 4. Honest

Q.23 Select the most appropriate option to fill in the blank.

The artist received a _____ from the audience.

- Ans**
- ☐ 1. handful of applause
 - ☒ 2. round of applause
 - ☐ 3. bunch of applause
 - ☐ 4. plenty of applause

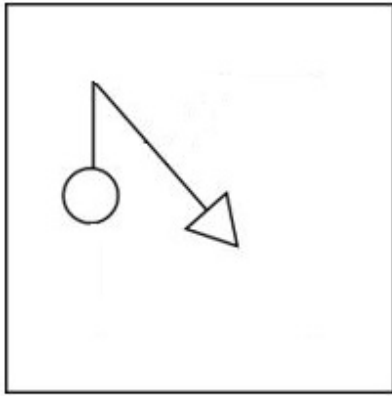
Q.24 Select the most appropriate option that can substitute the underlined word in the given sentence.
The experienced surgeon handled the delicate procedure with care and precision.

- Ans**
- ☒ 1. seasoned
 - ☐ 2. amateur
 - ☐ 3. untrained
 - ☐ 4. unskilled

Q.25 Select the most appropriate ANTONYM of the underlined word in the following sentence.
I have left it to his discretion to accept or decline my offer.

- Ans**
- ☐ 1. Wisdom
 - ☐ 2. Calculation
 - ☒ 3. Inattention
 - ☐ 4. Judgement

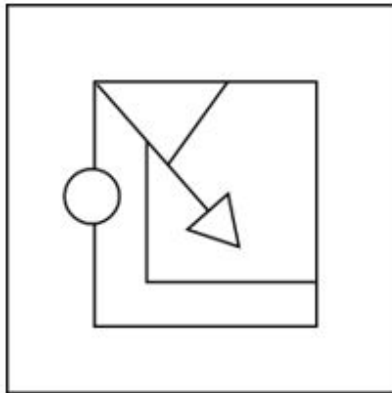
Q.1 Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).



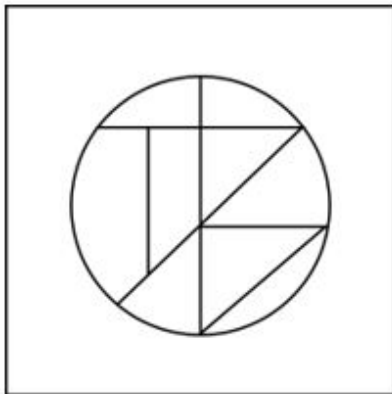
(X)

Ans

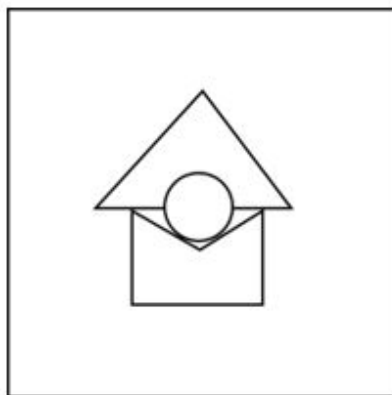
✓ 1.



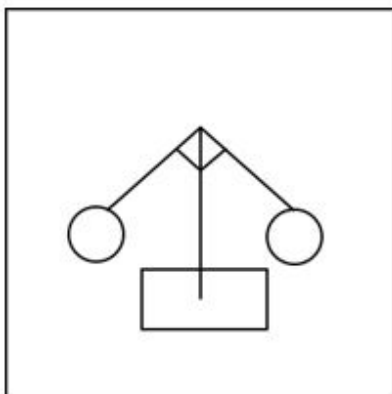
✗ 2.



✗ 3.



✗ 4.



Q.2 Each of the letters in the word **FRANCHISE** are arranged from left to right in alphabetical order to form a new word. How many letters are there in the English alphabetical series between the alphabet which is fifth from the left and the one which is third from the right in the newly formed word?

- Ans**
- ☐ 1. Seven
 - ☒ 2. Five
 - ☐ 3. Four
 - ☐ 4. Six

Q.3 CYRF is related to NJCQ in a certain way based on the English alphabetical order. In the same way, GBUM is related to RMFX. To which of the following is CZKP related, following the same logic?

- Ans**
- ☒ 1. NKVA
 - ☐ 2. NAKV
 - ☐ 3. NKA V
 - ☐ 4. NAVK

Q.4 If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', then the resultant of which of the following will be 421?

- Ans**
- ☐ 1. 63 B 7 A 125 D 5 C 5
 - ☐ 2. 63 A 7 D 125 B 5 C 5
 - ☒ 3. 63 B 7 D 125 A 5 C 5
 - ☐ 4. 63 C 7 D 125 A 5 B 5

Q.5 In this question, three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusion(s) logically follows/follow from the statements.

Statements:

No rose is an orchid.

All roses are lilies.

All lilies are lotuses.

Conclusions:

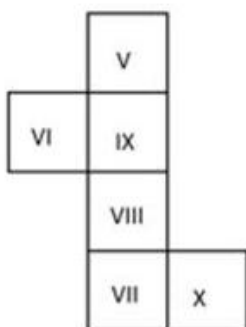
I. Some lilies are orchids.

II. Some lotuses are orchids.

III. All lilies are orchids.

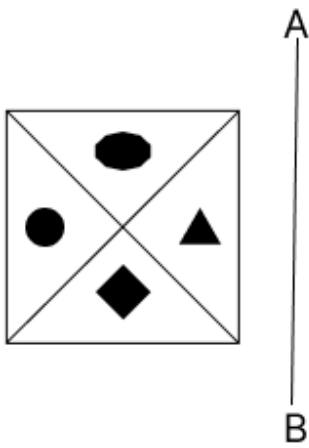
- Ans**
- ☐ 1. Both conclusions I and III follow.
 - ☒ 2. Neither conclusions I, II nor III follows.
 - ☐ 3. Both conclusions I and II follow.
 - ☐ 4. Both conclusions II and III follow.

Q.6 What would be the Roman numeral on the opposite side of 'V' if the given sheet is folded to form a cube?



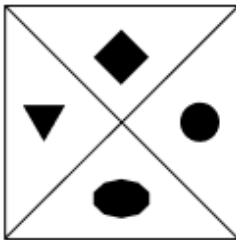
- Ans**
- ☐ 1. VII
 - ☐ 2. X
 - ☒ 3. VIII
 - ☐ 4. VI

Q.7 Select the correct mirror image of the given figure when the mirror is placed at AB as shown below.

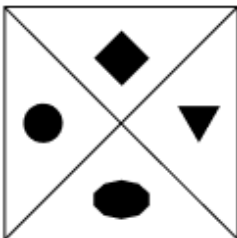


Ans

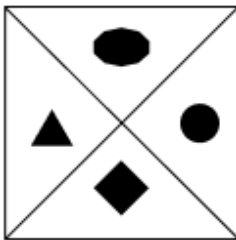
✗ 1.



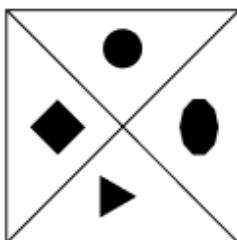
✗ 2.



✓ 3.



✗ 4.



Q.8 What should come in place of ? in the given series based on the English alphabetical order?

QRS MXB IDK EJT ?

Ans ✗ 1. PCA

✗ 2. CPA

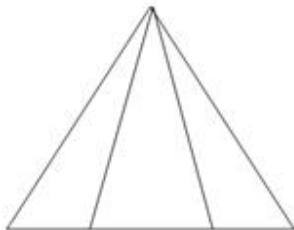
✓ 3. APC

✗ 4. AAC

Q.9

- Ans
- 1.
 - ☒ 2. cx
 - ☒ 3. ot
 - ☒ 4. rb

Q.10 Find the number of triangles in the given figure.



- Ans
- ☒ 1. 8
 - ☒ 2. 6
 - ☒ 3. 4
 - ☒ 4. 5

Q.11 Which of the following letter-clusters can replace the question mark (?) in the given series to make it logically complete?
JMD, OHJ, ? , YXV, DSB

- Ans
- ☒ 1. RST
 - ☒ 2. AOZ
 - ☒ 3. TCP
 - ☒ 4. VCP

Q.12 What should come in place of the question mark (?) in the given series?

86, 88, 90, 92, 94, ?

- Ans
- ☒ 1. 99
 - ☒ 2. 96
 - ☒ 3. 97
 - ☒ 4. 98

Q.13 78 is related to 30 following a certain logic. Following the same logic, 67 is related to 26.
To which of the following is 54 related, following the same logic?

- Ans
- ☒ 1. 18
 - ☒ 2. 20
 - ☒ 3. 16
 - ☒ 4. 28

Q.14 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$125 \div 5 - 19 - 190 \times 19 = ?$$

- Ans
- ☒ 1. 606
 - ☒ 2. 636
 - ☒ 3. 616
 - ☒ 4. 626

Q.15

Ans 1.

✗ 2. Po

✗ 3. Bk

✓ 4. Tu

Q.16 IJLO is related to GHJM in a certain way based on the English alphabetical order. In the same way, HIKN is related to FGIL. To which of the following is EFHK related, following the same logic?

Ans ✗ 1. CEDI

✓ 2. CDFI

✗ 3. CDEF

✗ 4. CEFI

Q.17 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. UXY

✗ 2. JMN

✗ 3. DGH

✓ 4. ORT

Q.18 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$87 \div 3 + 35 - 88 \times 11 = ?$$

Ans ✗ 1. 231

✗ 2. 233

✓ 3. 234

✗ 4. 232

Q.19 If 25 August 2006 was Friday, then what was the day of the week on 25 August 2018?

Ans ✓ 1. Saturday

✗ 2. Sunday

✗ 3. Thursday

✗ 4. Wednesday

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

O			T			L			B			?
B	L	T	4	B	L	C	4	B	↑	C	4	
4			C			↑			D			

Ans

✗ 1.

		4
D	↑	B
8		

✓ 2.

		4
D	↑	C
8		

✗ 3.

		4
D	8	B
↑		

✗ 4.

		4
D	↑	C
B		

Q.21 Which of the following numbers will replace the question mark (?) in the given series?

$[\frac{5}{9}]$, $[\frac{14}{9}]$, $[\frac{23}{9}]$, $[\frac{32}{9}]$, $[\frac{41}{9}]$, ?

Ans

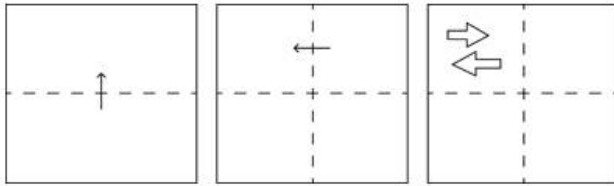
✗ 1. $[\frac{44}{9}]$

✗ 2. $[\frac{51}{9}]$

✗ 3. $[\frac{47}{9}]$

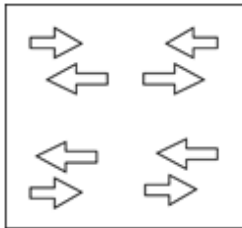
✓ 4. $[\frac{50}{9}]$

Q.22 A square sheet of paper is folded along the dotted line successively along the directions shown and is then punched in the last. How would the paper look when unfolded?

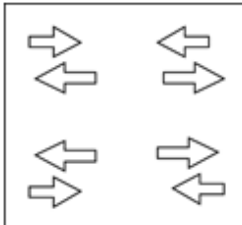


Ans

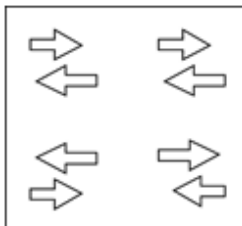
✗ 1.



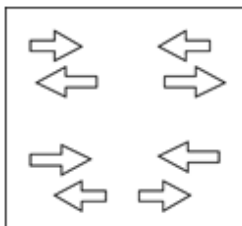
✓ 2.



✗ 3.



✗ 4.



Q.23 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 their 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.)
(4, 8, 32)
(7, 14, 56)

Ans ✓ 1. (11, 22, 88)

✗ 2. (11, 33, 88)

✗ 3. (11, 33, 77)

✗ 4. (11, 22, 77)

Q.24 In a certain code language,
A % B means 'A is the mother of B'
A # B means 'A is the brother of B'
A @ B means 'A is the wife of B'
A & B means 'A is the father of B'
Based on the above, how is P related to T if 'P & Q % R # S @ T'?

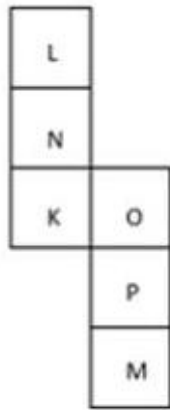
Ans ✗ 1. Wife's father

✓ 2. Wife's mother's father

✗ 3. Wife's mother's brother

✗ 4. Wife's brother

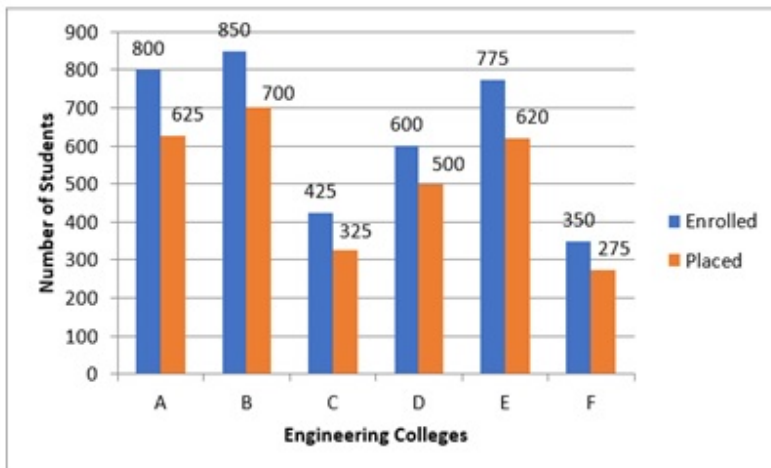
Q.25 What would be the letter on the opposite side of 'P' if the given sheet is folded to form a cube?



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

Section : Quantitative Aptitude

Q.1 The following bar graph represents the total number of students enrolled and the number of students who got campus placement in six different engineering colleges A, B, C, D, E, and F. Study the graph carefully and answer the question given below:



What per cent (correct up to two decimal places) of total enrolled students have got campus placements in colleges A, C, and F?

- Ans
- ☒ 1. 86.67%
 - ☒ 2. 77.78%
 - ☒ 3. 82.78%
 - ☒ 4. 79.67%

Q.2

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

The numbers in the brackets give 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 135 in Maths?

Ans

✗ 1. 0

✓ 2. 2

✗ 3. 1

✗ 4. 3

Q.3

If L is the mid-point of side BC of $\triangle ABC$ and the area of $\triangle ABL$ is 15 cm^2 , then the area (in sq cm) of $\triangle ABC$ is:

Ans

✗ 1. 32

✓ 2. 30

✗ 3. 27

✗ 4. 25

Q.4

In $\triangle ABC$, D and E are points on sides AB and AC, such that $DE \parallel BC$. If $AD = x$, $DB = x - 3$, $AE = x + 3$ and $EC = x - 2$, then the value of x is:

Ans

✗ 1. 5.2

✗ 2. 4.0

✓ 3. 4.5

✗ 4. 4.2

Q.5

X, Y and Z can do a work in 24 days, 5 days and 12 days, respectively. In how many days can they do the same work if they work together?

Ans

✗ 1. 4 days

✓ 2. $3\frac{1}{13}$ days✗ 3. $\frac{1}{24}$ days✗ 4. $\frac{7}{24}$ days

Q.6

- Ans ☒ 1. 313
☐ 2. 225
☐ 3. 164
☐ 4. 189

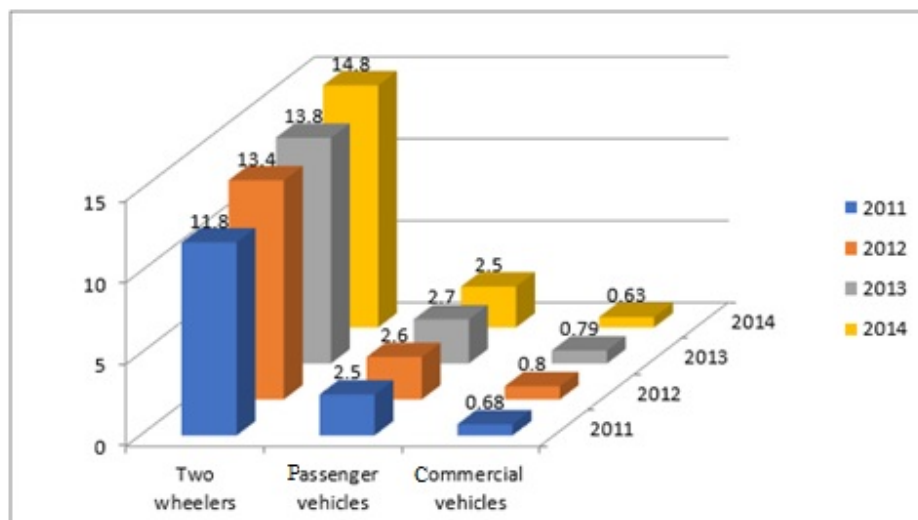
Q.7 If the price of a commodity is increased by 36%, by what percentage (rounded off to 1 decimal place) should its consumption be decreased so that the expenditure of the commodity stays the same?

- Ans ☒ 1. 26.5%
☐ 2. 36%
☐ 3. 29.5%
☐ 4. 32%

Q.8 In an obtuse-angled triangle ABC, the length of its longest side AB is 50 cm and one of the other two sides is 42 cm. If the area of the triangle is 294 cm^2 , what is the length (in cm) of its third side?

- Ans ☐ 1. $8\sqrt{35}$
☐ 2. $15\sqrt{21}$
☒ 3. $2\sqrt{58}$
☐ 4. $12\sqrt{43}$

Q.9 The given chart represents the sales of automobiles in India (by type, in million units) from the year 2011 to 2014. Study the chart and answer the question that follows.



The percentage increase in the sales in 2013 over the previous year was the maximum for which of the categories of vehicles?

- Ans ☐ 1. Two wheelers
☐ 2. Commercial vehicles
☒ 3. Passenger vehicles
☐ 4. Two wheelers and Passenger vehicles

Q.10 Tom travelled 285 km in 6 hours. In his total travelling, he travelled the first part by bus at 40 km/hr and the remaining part by train at 55 km/hr. How much distance has he travelled by train?

- Ans**
- ☐ 1. 155 km
 - ☒ 2. 120 km
 - ☐ 3. 165 km
 - ☐ 4. 135 km

Q.11 The average of 50 numbers is 23. If each number is multiplied by 13, then the new average is:

- Ans**
- ☒ 1. 219
 - ☐ 2. 299
 - ☐ 3. 650
 - ☐ 4. 88

Q.12 What should be added to each term of the ratio 5 : 11 so that the ratio becomes 3 : 5?

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

Q.13 A cylindrical candle, 14 cm in diameter and length 2 cm is melted to form a cuboid candle of dimensions 7 cm × 11 cm × 2 cm. How many cuboidal candles can be obtained?

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

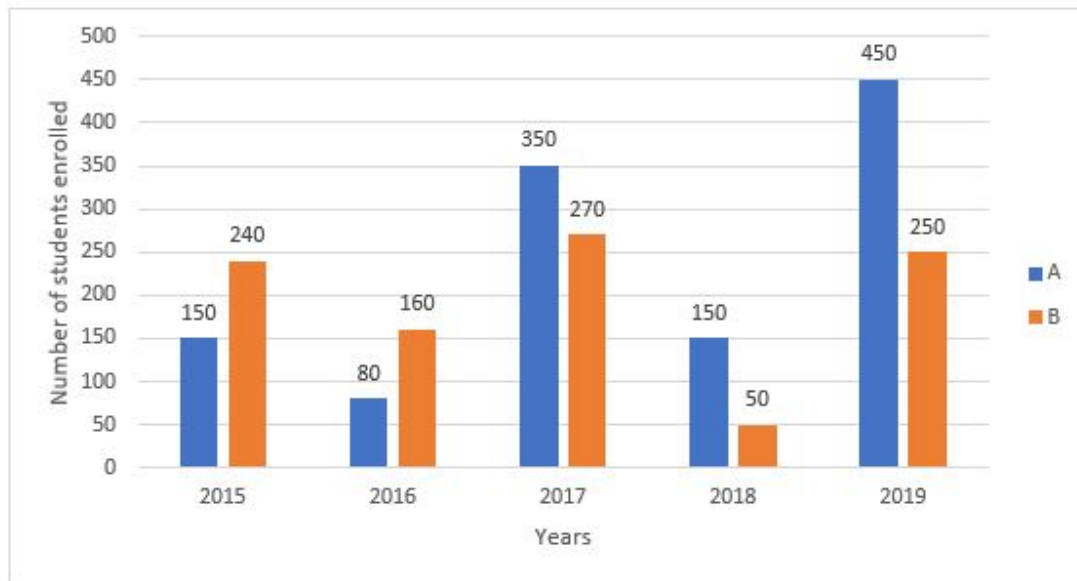
Q.14 A right angled triangle of area 600 m^2 is to be made such that the hypotenuse is double the base. For the triangle, the hypotenuse is _____ more than the base.

- Ans**
- ☒ 1. 20.36 m
 - ☐ 2. 22.32 m
 - ☐ 3. 24.36 m
 - ☐ 4. 26.32 m

Q.15 How much simple interest will ₹5,000 earn in 14 months at a 12% interest rate per annum?

- Ans**
- ☒ 1. ₹600
 - ☐ 2. ₹800
 - ☐ 3. ₹700
 - ☐ 4. ₹500

Q.16 Refer to the bar graph below and answer the question that follows.



What is the difference between the number of students enrolled in Institute A in 2015 and 2017 and that in Institute B in 2016, 2018 and 2019?

- Ans
- ✓ 1. 40
 - ✗ 2. 150
 - ✗ 3. 75
 - ✗ 4. 100

Q.17 If 10% of 24% of x is 240, then $x = ?$

- Ans
- ✗ 1. 100
 - ✗ 2. 1000
 - ✓ 3. 10000
 - ✗ 4. 100000

Q.18 If $\tan A + \sin A = x$, $\tan A - \sin A = y$, what is the value of $x^2 - y^2$?

- Ans
- ✗ 1. $2\sqrt{\frac{x}{y}}$
 - ✗ 2. $4\sqrt{\frac{x}{y}}$
 - ✗ 3. $\sqrt{xy}$
 - ✓ 4. $4\sqrt{xy}$

Q.19 The number 611611611611 is:
(a) divisible by both 6 and 11
(b) neither divisible by 6 nor by 11
(c) divisible by 6 only
(d) divisible by 11 only

- Ans
- ✓ 1. (d)
 - ✗ 2. (c)
 - ✗ 3. (b)
 - ✗ 4. (a)

Q.20 My father is presently 25 years older than me. The sum of our ages 5 years ago was 39 years. Find my present age.

Ans ☐ 1. 13 years

☐ 2. 12 years

☒ 3. 15 years

☒ 4. 20 years

Q.21 An election was held between two candidates. The winning candidate scored 54% of the valid votes and won by 88 votes. If 58 votes were declared invalid, then find the total number of votes polled in the election.

Ans ☒ 1. 1850

☒ 2. 1158

☒ 3. 1156

☒ 4. 2000

Q.22 The salary of employees in a factory was reduced by 20% due to economic crisis. In order to have their salary back to original amount, it must be raised by:

Ans ☒ 1. 20%

☒ 2. 12.5%

☒ 3. 40%

☒ 4. 25%

Q.23 What is the area (in square units) of the sector if the radius of the circle is given to be 24 units and the arc length is 7.5 units?

Ans ☒ 1. 135

☒ 2. 180

☒ 3. 45

☒ 4. 90

Q.24 The volume of rectangular block is 12288 m^3 . Its dimension are in the ratio of 4 : 3: 2. If the entire surface is polished at the rate 2 paise per m^2 , then find the total cost of polishing

Ans ☒ 1. ₹33.28

☒ 2. ₹44. 42

☒ 3. ₹66.56

☒ 4. ₹11.14

Q.25 The marked price of a table lamp is ₹2,165. During the festive season, it is sold for ₹1,710.35. Find the percentage discount offered.

Ans ☒ 1. 21%

☒ 2. 20.5%

☒ 3. 18%

☒ 4. 22.5%

Section : General Awareness

Q.1 Which of the following is the fastest way to open the Help window in Microsoft Word?

Ans ☒ 1. Type 'help' in the search bar and then, press Enter

☒ 2. Click the Microsoft Office button and then, click Help

☒ 3. Press F1

☒ 4. Click the Help button on the ribbon

Q.2 Which star is also known as the ‘Pole Star’?

- Ans**
- ☐ 1. The West star
 - ☐ 2. The South star
 - ☒ 3. The North star
 - ☐ 4. The East star

Q.3 According to Census 2011, which union territory recorded the highest female literacy rate in India?

- Ans**
- ☐ 1. Delhi
 - ☒ 2. Lakshadweep
 - ☐ 3. Chandigarh
 - ☐ 4. Puducherry

Q.4 In Equestrian sports, _____ occurs when a horse or rider lowers an element of a jump that establishes the height of an obstacle.

- Ans**
- ☐ 1. canter
 - ☐ 2. curb
 - ☐ 3. clean round
 - ☒ 4. knockdown

Q.5 Which group of states was concentrated in the cotton production in the early years to develop textile industry?

- Ans**
- ☐ 1. West Bengal and Odisha
 - ☐ 2. Bihar and West Bengal
 - ☒ 3. Maharashtra and Gujarat
 - ☐ 4. Punjab and Haryana

Q.6 Which of the following hills is located in the Eastern most part of India?

- Ans**
- ☒ 1. Patkai Bum Hills
 - ☐ 2. Jaintia Hills
 - ☐ 3. Khasi Hills
 - ☐ 4. Garo Hills

Q.7 Who among the following is NOT associated with the Green Revolution?

- Ans**
- ☐ 1. MS Swaminathan
 - ☒ 2. P Chidambaram
 - ☐ 3. Norman Borlaug
 - ☐ 4. Chidambaram Subramaniam

Q.8 Who among the following is related to Hindustani classical singing?

- Ans**
- ☒ 1. Mallikarjun Mansur
 - ☐ 2. Srinavasa Iyer
 - ☐ 3. Aruna Sairam
 - ☐ 4. Ramanuj Iyengar

Q.9 The original constitution did NOT mention any fundamental duty because:

- Ans**
- ☐ 1. initially fundamental duties were not expected to be performed
 - ☒ 2. it was expected that the citizens of the country would perform their duties willingly
 - ☐ 3. it was expected that the citizens of the country would perform their duties forcefully
 - ☐ 4. initially fundamental duties were punishable as per the constitution

Q.10 Which of the following measures can be adopted by the government to reduce revenue deficit?

- Ans**
- 1. Offering freebies
 - 2. Increasing subsidies
 - ☒ 3. Increasing money supply
 - ☒ 4. Tax reforms

Q.11 Every year in the month of February, this camel festival is organised by Rajasthan Tourism Development Corporation in _____.

- Ans**
- ☒ 1. Barmer
 - ☒ 2. Bikaner
 - ☒ 3. Jaisalmer
 - ☒ 4. Jodhpur

Q.12 MLAs in which of the following states/UTs received an increase of about 66% in salaries and allowances w.e.f. 14 February 2023?

- Ans**
- ☒ 1. Tamil Nadu
 - ☒ 2. Lakshadweep
 - ☒ 3. Delhi
 - ☒ 4. Bihar

Q.13 From which book is the national song of India compiled?

- Ans**
- ☒ 1. Anand Math
 - ☒ 2. Mandukya Upanishad
 - ☒ 3. Katha Upanishad
 - ☒ 4. Bharat Bharti

Q.14 With reference to 'Saila dance' consider the following statements and select the correct option.

- a) A group comprising of male performers.
- b) The dance is performed with bamboo sticks.
- c) It is performed after the cutting of crops.

- Ans**
- ☒ 1. a, b, c
 - ☒ 2. Both b and c
 - ☒ 3. Both a and c
 - ☒ 4. Both a and b

Q.15 Who was the first person to conduct a systematic study of chromosomes during division and called this process mitosis?

- Ans**
- ☒ 1. Friedrich Miescher
 - ☒ 2. Thomas Hunt Morgan
 - ☒ 3. Antonie van Leeuwenhoek
 - ☒ 4. Walther Flemming

Q.16 In cricket, a fast, head-high delivery of the ball is referred to as _____.

- Ans**
- ☒ 1. grubber
 - ☒ 2. leg-bye
 - ☒ 3. duck
 - ☒ 4. bouncer

Q.17 According to the Census of India 2011, which of the following states has the largest Buddhist population?

Ans ☒ 1. Uttar Pradesh

☒ 2. Maharashtra

☐ 3. Madhya Pradesh

☐ 4. West Bengal

Q.18 Who captained India to victory in the 2011 Cricket World Cup final win over Sri Lanka?

Ans ☐ 1. Sourav Ganguly

☒ 2. Mahendra Singh Dhoni

☐ 3. Sachin Tendulkar

☐ 4. Rahul Dravid

Q.19 Which function is used to calculate the maximum value in a selected column in MS Excel?

Ans ☐ 1. Auto max

☐ 2. High

☒ 3. Max

☐ 4. Auto high

Q.20 Which British colonel is remembered as the Butcher of Amritsar for his role in the Jallianwala Bagh massacre in 1919?

Ans ☒ 1. Reginald Dyer

☐ 2. Robert Clive

☐ 3. William Birdwood

☐ 4. William Slim

Q.21 The 42nd Constitutional Amendment Act of Indian Constitution was passed in the year _____.

Ans ☒ 1. 1976

☐ 2. 1977

☐ 3. 1978

☐ 4. 1979

Q.22 In which of the following liquids would anthracene dissolve easily?

Ans ☒ 1. Benzene

☐ 2. Sodium chloride

☐ 3. Methane

☐ 4. Water

Q.23 In March 2023, the Uttarakhand government had approved how much horizontal reservation for statehood activists in state government jobs?

Ans ☒ 1. 10%

☐ 2. 15%

☐ 3. 8%

☐ 4. 5%

Q.24 The Press and Registration of Books (PRB) Act was enacted in which year?

Ans ☐ 1. 1887

☐ 2. 1877

☒ 3. 1867

☐ 4. 1857

Q.25 Who amongst the following Delhi Sultanate rulers sent his army under Malik Kafur's command to conquer South India?

Ans

1. Ghiyas-ud-din Balban

2. Iltutmish

✓ 3. Alauddin Khilji

✗ 4. Qutub-al-din Aibak