Combined Higher Secondary Level Examination 2024 Tier I

Venue Name	
Exam Date	09/07/2024
Exam Time	2:30 PM - 3:30 PM
Subject	CHSL Exam 2024 Tier I

Q.1 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
The workers called out / the strike because / the management acceded to / all their demands.

Ans ✗ 1. all their demands

✗ 2. the strike because

✓ 3. The workers called out

✗ 4. the management acceded to

Q.2 Select the most appropriate option that can substitute the underlined segment in the given sentence.
Mahima is **as smarter as** Shilpi.

Ans ✗ 1. more smart as

✗ 2. smartest than

✓ 3. as smart as

✗ 4. most smart as

Q.3 The following sentence has been divided into four segments. Identify the segment that contains a grammatical error.
She / did not watched / Frankenstein / last night.

Ans ✓ 1. did not watched

✗ 2. Frankenstein

✗ 3. last night.

✗ 4. She

Q.4 The given sentence is divided into four segments. Identify the segment that contains a grammatical error.
A company can / make money by / obtain resources / more affordably.

Ans ✗ 1. more affordably.

✗ 2. make money by

✓ 3. obtain resources

✗ 4. A company can

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.

Conversation is indeed the (1)_____ teachable of all arts. All you need to do in order to become a good conversationalist is to find a (2)_____ that interests you and your listeners. But the important thing is that you must talk about the other (3)_____ hobby rather than your own. Therein lies the secret of your (4)_____. Talk to your friends about the things that interest them, and you will get a reputation for good fellowship, charming wit, and a brilliant mind. There is nothing that (5)_____ people so much as your interest in their interest.

SubQuestion No : 5

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

Ans ✗ 1. most occasionally

✗ 2. more likely

✔ 3. most easily

✗ 4. more easily

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.

Conversation is indeed the (1)_____ teachable of all arts. All you need to do in order to become a good conversationalist is to find a (2)_____ that interests you and your listeners. But the important thing is that you must talk about the other (3)_____ hobby rather than your own. Therein lies the secret of your (4)_____. Talk to your friends about the things that interest them, and you will get a reputation for good fellowship, charming wit, and a brilliant mind. There is nothing that (5)_____ people so much as your interest in their interest.

SubQuestion No : 6

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

Ans ✗ 1. credit

✗ 2. luxury

✗ 3. result

✔ 4. subject

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.

Conversation is indeed the (1)_____ teachable of all arts. All you need to do in order to become a good conversationalist is to find a (2)_____ that interests you and your listeners. But the important thing is that you must talk about the other (3)_____ hobby rather than your own. Therein lies the secret of your (4)_____. Talk to your friends about the things that interest them, and you will get a reputation for good fellowship, charming wit, and a brilliant mind. There is nothing that (5)_____ people so much as your interest in their interest.

SubQuestion No : 7

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

Ans ✗ 1. self's

✗ 2. worker's

✔ 3. fellow's

✗ 4. victim's

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.

Conversation is indeed the (1)_____ teachable of all arts. All you need to do in order to become a good conversationalist is to find a (2)_____ that interests you and your listeners. But the important thing is that you must talk about the other (3)_____ hobby rather than your own. Therein lies the secret of your (4)_____. Talk to your friends about the things that interest them, and you will get a reputation for good fellowship, charming wit, and a brilliant mind. There is nothing that (5)_____ people so much as your interest in their interest.

SubQuestion No : 8

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

Ans ✖ 1. irrationality

✖ 2. capacity

✔ 3. popularity

✖ 4. audacity

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.

Conversation is indeed the (1)_____ teachable of all arts. All you need to do in order to become a good conversationalist is to find a (2)_____ that interests you and your listeners. But the important thing is that you must talk about the other (3)_____ hobby rather than your own. Therein lies the secret of your (4)_____. Talk to your friends about the things that interest them, and you will get a reputation for good fellowship, charming wit, and a brilliant mind. There is nothing that (5)_____ people so much as your interest in their interest.

SubQuestion No : 9

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

Ans ✖ 1. admits

✔ 2. pleases

✖ 3. advances

✖ 4. accompanies

Q.10 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**

Professor Singh is not in the office today. I <u>ask you try call</u> him tomorrow.

Ans ✔ 1. suggest you try calling

✖ 2. ask you to try called

✖ 3. am suggesting you calling

✖ 4. asked you to call

Q.11 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**
Bill Gates' fortune was bequeathed <u>for the old age home</u>.

Ans ✔ 1. to the old age home

✖ 2. into the old age home

✖ 3. by the old age home

✖ 4. with the old age home

Q.12 Choose an appropriate word that can substitute the bracketed word and complete the sentence meaningfully.
He never (talks) the truth.

Ans ✗ 1. narrates

✗ 2. declares

✓ 3. speaks

✗ 4. utters

Q.13 Select the INCORRECTLY spelt word in the given sentence.
The ministir ordered the engineers to build roads through high mountains and bridges across deep ravines in a week.

Ans ✓ 1. Ministir

✗ 2. Bridges

✗ 3. Engineers

✗ 4. Ravines

Q.14 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'.
The small size of his store makes it impossible for him to stock all the items.

Ans ✗ 1. made them impossible

✓ 2. No substitution required

✗ 3. making it impossible

✗ 4. is made it impossible

Q.15 Select the most appropriate option to correct the sentence by using the proper meaning of the underlined word.
He scores good marks in exams as he is quite meticulous.

Ans ✓ 1. Careful

✗ 2. Intelligent

✗ 3. Lazy

✗ 4. Selective

Q.16 Select the most appropriate ANTONYM of the underlined word.

The poet was lost in a reverie.

Ans ✗ 1. Daydream

✗ 2. Trance

✗ 3. Fantasy

✓ 4. Reality

Q.17 Select the most appropriate meaning of the given idiom.

A wild goose chase

Ans ✗ 1. On a hunt

✗ 2. Fruitful search

✓ 3. Fruitless search

✗ 4. Ideal seeking

Q.18 Select the most appropriate synonym of the bracketed word in the following sentence to fill in the blank.
The meeting was brought to a _____ (rapid) conclusion.

Ans ✗ 1. grim

✗ 2. stubborn

✗ 3. pervious

✓ 4. hasty

Q.19 The given sentence is divided into four segments. Identify the segment that contains a spelling error.
When the famous businessman / faced a huge loss / in his business, / no one expressed simpathy.

Ans ✓ 1. no one expressed simpathy

✗ 2. When the famous businessman

✗ 3. in his business

✗ 4. faced a huge loss

Q.20 Select the most appropriate synonym of the underlined word.
The girl tried to <u>alleviate</u> her brother's problem.

Ans ✗ 1. increase

✗ 2. soar

✗ 3. worsen

✓ 4. reduce

Q.21 Select the most appropriate synonym of the underlined word.

John is very <u>generous</u>; he regularly gives alms to the poor.

Ans ✗ 1. great

✗ 2. popular

✓ 3. kind

✗ 4. shrewd

Q.22 Select the most appropriate ANTONYM of the underlined word.

The encounter made the audience <u>squirm</u>.

Ans ✗ 1. Speak

✗ 2. Pray

✓ 3. Relax

✗ 4. Chat

Q.23 Select the most appropriate ANTONYM of the underlined word in the given sentence.
The coach was <u>optimistic</u> that Ronald will play the quarter final.

Ans ✓ 1. Doubtful

✗ 2. Tasteful

✗ 3. Cheerful

✗ 4. Helpful

Q.24 Select the most appropriate option to fill in the blank.

I would like to reach the _____ of the Everest.

Ans ✔ 1. peak

✘ 2. pike

✘ 3. pick

✘ 4. peek

Q.25 Select the most appropriate meaning of the given idiom.
An old head on young shoulders

Ans ✘ 1. A person who is slow at understanding things.

✔ 2. A young person who acts or speaks like an older person.

✘ 3. A young person who is lazy.

✘ 4. A young person who looks old.

Q.1 If 22 March 2000 is a Wednesday, then what will the day of the week on 16th January 2010?

Ans ✔ 1. Saturday

✘ 2. Sunday

✘ 3. Wednesday

✘ 4. Tuesday

Q.2 What should come in place of '?' in the given series?

126 1236 12336 123336 1233336 ?

Ans ✔ 1. 12333336

✘ 2. 12333363

✘ 3. 12333366

✘ 4. 1233633

Q.3 Identify the figure given in the options which when put in place of ? will logically complete the series.

Ans

1.

2.

✔ 3.

4.
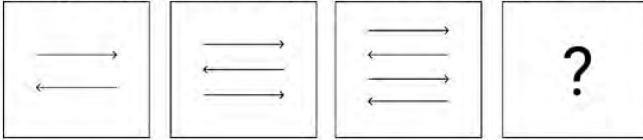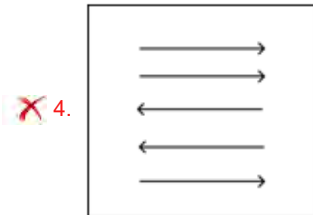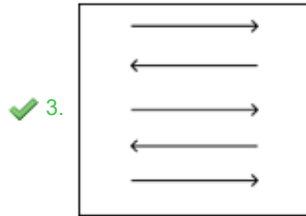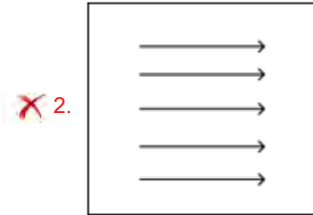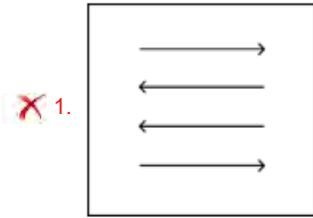
Q.4 This question consists of a pair of words which have a certain relationship to each other. Select the pair which does NOT have the same relationship.

Smart : Intelligent
1) Liable : Accountable
2) Modest : Humble
3) Nimble : Sluggish
4) Outbreak : Eruption

Ans ✗ 1. 1

✗ 2. 4

✗ 3. 2

✔ 4. 3

Q.5 EHJL is related to FJMP in a certain way based on the English alphabetical order. In the same way, BEGI is related to CGJM. To which of the following is DGIK related, following the same logic?

Ans ✗ 1. EIJO

✗ 2. EJIO

✔ 3. EILO

✗ 4. ELIO

Q.6 In a certain code language, 'if you are' is coded as 'go so lu' and 'where are you' is coded as 'so lu ga'. What is the code for 'where' in that language?

Ans
✗ 1. go

✗ 2. lu

✗ 3. so

✔ 4. ga

Q.7 If 19 February 2014 was Wednesday, then what was the day of the week on 19 February 2022?
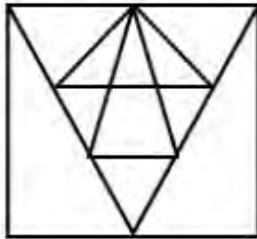
Ans
✗ 1. Tuesday

✗ 2. Thursday

✔ 3. Saturday

✗ 4. Wednesday

Q.8 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?

222 A 2 C 7 B 3 D 11 = ?

Ans
✗ 1. 141

✗ 2. 131

✗ 3. 111

✔ 4. 121

Q.9 How many triangles are there in the following figure?

Ans
✔ 1. 20

✗ 2. 18

✗ 3. 21

✗ 4. 19

Q.10 What should come in place of the question mark (?) in the given series based on the English alphabetical order?
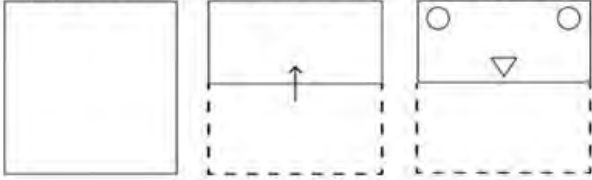
AEO, XAM, UWK, RSI, ?

Ans
✗ 1. MNH

✔ 2. OOG

✗ 3. NMF

✗ 4. LMH

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

86 129 105 118 124 107 143 96 ?

Ans ✗ 1. 149

✗ 2. 153

✗ 3. 138

✔ 4. 162

Q.12 A paper is folded and cut as shown below. How will it appear when unfolded?


Ans

✗ 1.

✗ 2.

✗ 3.

✔ 4.

Q.13 Which two numbers should be interchanged to make the given equation correct?

29 + 46 − (48 ÷ 4) + (7 × 3) − 26 = 61

(NOTE: Numbers must be interchanged and not the constituent digits e.g. if 2 and 3 are to be interchanged in the equation 43 × 3 + 4 ÷ 2, then interchanged equation is 43 × 2 + 4 ÷ 3)

Ans ✗ 1. 46 and 26

✗ 2. 46 and 48

✗ 3. 26 and 29

✔ 4. 4 and 3

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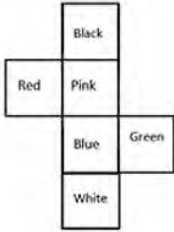
Ans

✗ 1. Pink

✔ 2. Red

✗ 3. White

✗ 4. Black

Q.15 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
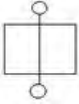(120, 8, 15)
(144, 24, 6)

Ans

✗ 1. (106, 4, 26)

✗ 2. (124, 6, 21)

✔ 3. (115, 23, 5)

✗ 4. (134, 22, 6)

Q.16 What will come in the place of '?' in the following equation if '+' and '÷' are interchanged and '×' and '–' are interchanged?
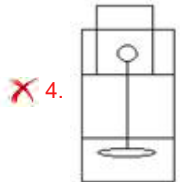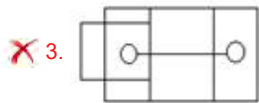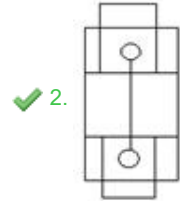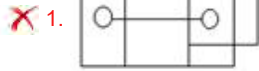36 – 42 ÷ 26 + 13 × 14 = ?

Ans

✗ 1. 1200

✗ 2. 1324

✗ 3. 3467

✔ 4. 1500

Q.17 Select the option in which the given figure is embedded. (Rotation is NOT allowed.)

Ans

✗ 1.

✓ 2.

✗ 3.

✗ 4.

Q.18 Select the term from among the given options that can replace the question mark (?) in the following series based on the English alphabetical order.

JKL, LHP, NET, ?, RYB, TVF

Ans ✗ 1. RAL

✗ 2. COL

✗ 3. POF

✓ 4. PBX

Q.19 In a certain code language, 'future is bright' is coded as 'pl mk ni' and 'bright shooting star' is coded as 'dg rz pl'. How is 'bright' coded in that language?

Ans ✗ 1. ni

✗ 2. dg

✓ 3. pl

✗ 4. mk

Q.20 242 is related to 22 following a certain logic. Following the same logic, 385 is related to 35. To which of the following is 572 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 /deleting /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.)
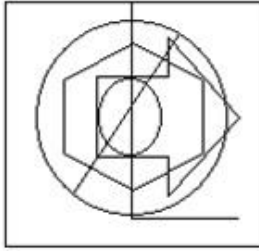
Ans ✗ 1. 50

✓ 2. 52

✗ 3. 54

✗ 4. 56

Q.21 Select the option in which the given figure is embedded. (Rotation is NOT allowed).
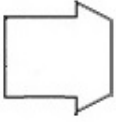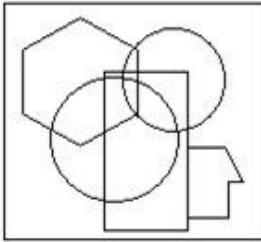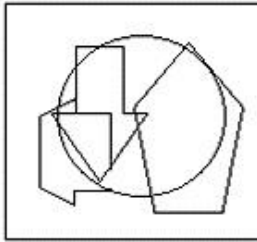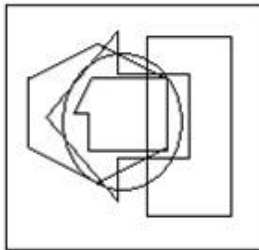

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.

Q.22 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 cloud is a mountain.
All mountains are rivers.
All rivers are oceans.
Conclusions:
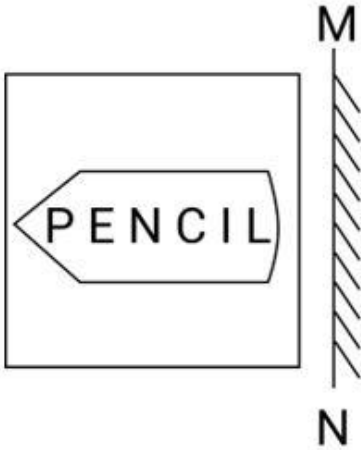(I) All rivers can never be clouds.
(II) All mountains are oceans.

Ans ✔ 1. Both conclusions I and II follow
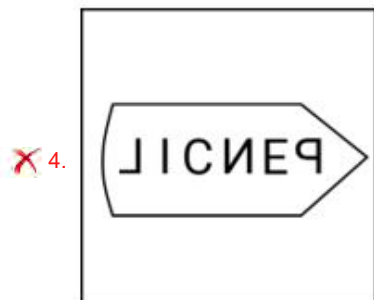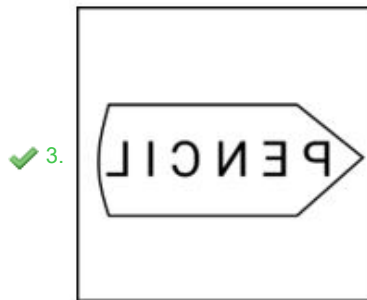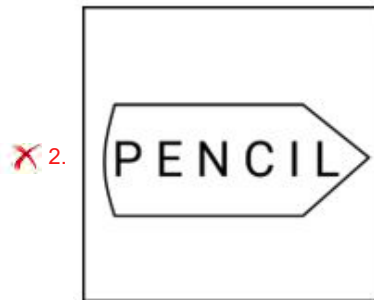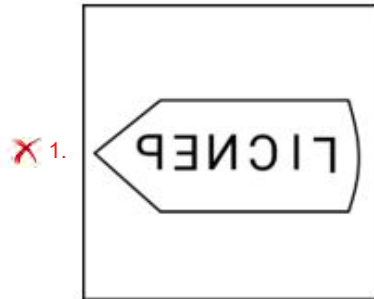
✘ 2. None of the conclusions follow

✘ 3. Only conclusion I follows

✘ 4. Only conclusion II follows

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

Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.

Q.24 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster.)

Ans ✗ 1. QRJI

✗ 2. JKQP

✗ 3. DEWV

✓ 4. OPMK

Q.25 In a certain code language,
'A@ B' means 'A is the husband of B',
'A # B' means 'A is the mother of B',
'A & B' means 'A is the daughter of B',
'A $ B' means 'A is the brother of B'.
Based on this, how is P related to M, if 'M & N @ O # P $ Q'?

Ans ✗ 1. Father

✗ 2. Son

✓ 3. Brother

✗ 4. Father's brother

Q.1 The lines x+y = 10 and -3x+y = 2 have a unique solution. What is the distance (in units) between the unique solution and the point of intersection of the line x+y = 10 and the x-axis?

Ans

✗ 1. $10\sqrt{2}$

✓ 2. $8\sqrt{2}$

✗ 3. 10

✗ 4. 8

Q.2 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	Maths (150)	Chemistry (130)	Physics (120)	Geography (100)	History (60)	Computer Science (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 median raw score of the marks obtained by the seven students in Chemistry?

Ans ✗ 1. 65

✓ 2. 84.5

✗ 3. 81.25

✗ 4. 62.5

Q.3 An amount invested fetched a total simple interest of ₹4,050 at the rate of 9% per annum in 5 years. What is the amount invested (in ₹)?

Ans
- ✗ 1. 9,050
- ✗ 2. 7,500
- ✗ 3. 8,300
- ✔ 4. 9,000

Q.4 The value of $\dfrac{5+7\times5\div8 \; of \; 5+3\div3\times5}{6\div6 \; of \; 4+9\times9\div3\times2\times2}$ is :

Ans
- ✗ 1. $\dfrac{67}{859}$
- ✔ 2. $\dfrac{87}{866}$
- ✗ 3. $\dfrac{97}{881}$
- ✗ 4. $\dfrac{77}{861}$

Q.5 Find the equation of the sphere having centre (-1,2,-3) and the radius of 3 units.

Ans
- ✔ 1. $x^2 + y^2 + z^2 + 2x - 4y + 6z + 5 = 0$
- ✗ 2. $x^2 + y^2 + z^2 - x + 2y - 3z + 5 = 0$
- ✗ 3. $x^2 + y^2 + z^2 - 2x + 4y - 6z + 5 = 0$
- ✗ 4. $x^2 + y^2 + z^2 + x - 2y + 3z + 5 = 0$

Q.6 Ramesh sells an article for ₹34,440, after allowing an 18% discount on the marked price and still manages to gain 40% profit. If Ramesh sold the article at a 12% discount on the marked price, then what will be his profit, correct to two places of decimals?

Ans
- ✗ 1. 50.42%
- ✗ 2. 48.24%
- ✔ 3. 50.24%
- ✗ 4. 48.42%

Q.7 By selling 60 pens, a man gains an amount equal to the selling price of 12 pens. What is his gain percentage?

Ans
- ✔ 1. 25%
- ✗ 2. 22%
- ✗ 3. 20%
- ✗ 4. 27%

Q.8 In a right angle triangle with sides 12 cm and 16 cm and hypotenuse 20 cm, the length of altitude drawn on the hypotenuse from the opposite vertex is K. Find the value of K.

Ans ✗ 1. 6.8 cm

✓ 2. 9.6 cm

✗ 3. 8.6cm

✗ 4. 6.9 cm

Q.9 The area of three adjacent faces of a cuboidal box is 120 cm^2, 72 cm^2 and 60 cm^2, respectively. Find the volume (in cm^3) of the box.

Ans ✓ 1. 720

✗ 2. 864

✗ 3. 425

✗ 4. 650

Q.10 If the radius of the base and slant height of the cone is 6 cm and 10 cm, respectively, then the volume of the cone is equal to:

Ans ✗ 1. 108 π cm^3

✗ 2. 98 π cm^3

✗ 3. 106 π cm^3

✓ 4. 96π cm^3

Q.11 Study the following bar chart, which represents the income and expenditure of a company.
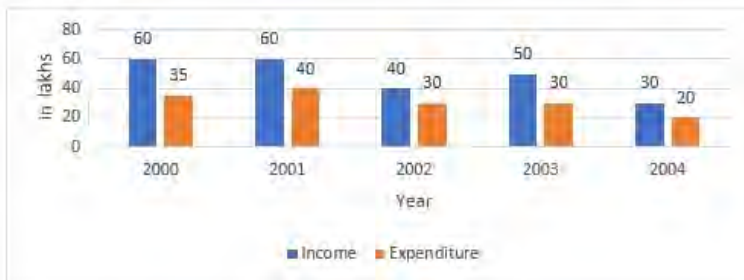
In how many years is the income of company less than the average income?

Ans ✗ 1. 4

✗ 2. 5

✗ 3. 3

✓ 4. 2

Q.12 A tangent is drawn from a point that is at a distance of 37 cm from center of the circle O, and diameter is 24 cm. The length (in cm) of the tangent is:

Ans ✗ 1. 30

✓ 2. 35

✗ 3. 28.16

✗ 4. 37

Q.13 A car is sold for ₹5,00,000, which is 20% less than its original price. What was the original price of the car?

Ans
  ✗ 1. ₹6,00,000
  ✗ 2. ₹6,75,000
  ✗ 3. ₹6,50,000
  ✓ 4. ₹6,25,000

Q.14 The average marks scored by the students of a class is 75. If the average marks scored by the girls in the same class is 90 and that of boys is 70, what is the percentage of boys in the class?

Ans
  ✗ 1. 60%
  ✗ 2. 70%
  ✗ 3. 65%
  ✓ 4. 75%

Q.15 Evaluate the given expression.

$$(45 + 9) \div 2 - 7 \times 33 \div 7 + \{(7 + 18) \times 6\} + 9 \times 8 - 89$$

Ans
  ✗ 1. 112
  ✗ 2. 118
  ✓ 3. 127
  ✗ 4. 125

Q.16 In an election there were only two candidates. One of the candidates secured 35% of votes and is defeated by the other candidate by 381 votes. The total number of votes polled is:

Ans
  ✗ 1. 1028
  ✓ 2. 1270
  ✗ 3. 635
  ✗ 4. 514

Q.17 The sides ST and TR and the median SU of the Δ STR are equal to the sides MN and NJ and the median MV of the Δ MNJ, respectively. If ∠TSU = 46°, ∠NMJ = 79°and ∠MVN = 88°, what is the degree measure of $\frac{7}{11}$ ∠SRT?

Ans
 ✓ 1. 35°
  ✗ 2. 56°
  ✗ 3. 47°
  ✗ 4. 55°

Q.18 If a person's salary increases from ₹200 per day to ₹234 per day, then the percentage increase in the person's salary is:

Ans
  ✗ 1. 14%
  ✗ 2. 16%
  ✗ 3. 15%
  ✓ 4. 17%

Q.19 If $\sin\theta = \dfrac{7}{25}$, then

$\cos\theta$ and $\tan\theta$ are respectively _____.

(where θ is in the first quadrant)

Ans

✗ 1. $\dfrac{25}{7}$ and $\dfrac{7}{24}$

✗ 2. $\dfrac{24}{25}$ and $\dfrac{24}{7}$

✔ 3. $\dfrac{24}{25}$ and $\dfrac{7}{24}$

✗ 4. $\dfrac{25}{24}$ and $\dfrac{24}{7}$

Q.20 The given bar graph shows the percentage of production of three companies C1, C2 and C3 over five years. Study the bar graph and answer the question that follows.
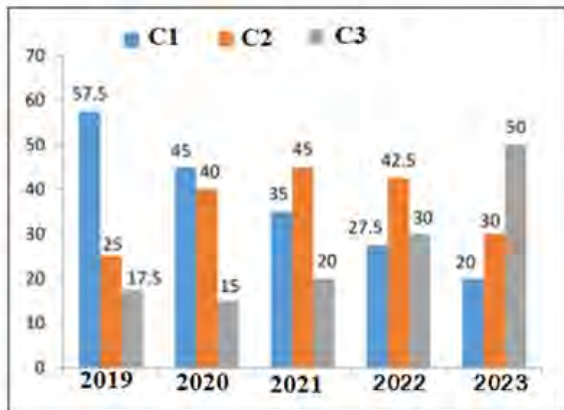
If the ratio of the total production in the year 2019 and 2022 is 3:5 and the total production in C1 in 2022 is 4125, then the total production of C3 in the year 2019 is:

Ans ✗ 1. 9000

✔ 2. 1575

✗ 3. 2250

✗ 4. 5175

Q.21 If Tanya walks at the speed of 6 km/h, she misses a train by 2 minutes. However, if she walks at the speed of 8 km/h, she reaches the station 3 minutes before the arrival of the train. The distance covered by Tanya to reach the station is:

Ans ✗ 1. 2.5 km

✗ 2. 2.75 km

✗ 3. 3 km

✔ 4. 2 km

Q.22 If 6 engineers can complete a work in 5 days and 5 skilled workers can complete the same work in 7 days, then the time taken (in days) to complete the same work by 7 engineers and 4 skilled workers will be:

Ans

✗ 1. $2\dfrac{64}{70}$

✔ 2. $2\dfrac{64}{73}$

✗ 3. $2\dfrac{65}{73}$

✗ 4. $3\dfrac{64}{73}$

Q.23 A tangent is drawn from a point at a distance of 25cm from the Centre of a circle $C(0, r)$ of radius 7cm. The length of the tangent is _____ cm.

Ans ✗ 1. 8

✗ 2. 16

✗ 3. 20

✔ 4. 24

Q.24
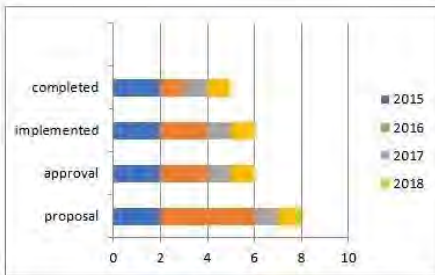
A company starts constructing buildings for a college. The constructions have 4 stages.

1. buildings proposals   2. proposals approval   3. constructions implemented   4. buildings completed

The above 3D-bar graph indicates the status of constructions for 4 years 2015 to 2018.

The X-axis scale 0, 2, 4, 6, 8,10 indicates 0, 20%, 40%, 60%, 80%, 100%.

Study the bar graph carefully and answer the following questions.

Find the ratio of proposals to buildings completed for the year 2016.

Ans

✗ 1. $3:1$

✗ 2. $2:1$

✔ 3. $4:1$

✗ 4. $2:3$

Q.25 If $A:B = 5:8$ and $B:C = 7:8$, then find $A:C$.

Ans ✗ 1. $34:64$

✗ 2. $55:30$

✔ 3. $35:64$

✗ 4. $35:56$

Q.1 Which of the following food grains highly benefited from the Green Revolution?

Ans ✗ 1. Maize

✓ 2. Wheat

✗ 3. Barley

✗ 4. Millet

Q.2 Who among the following confirmed Maxwell's theories with the discovery of radio waves and also became the first person to transmit and receive controlled radio waves in 1886?

Ans ✗ 1. Michael Faraday

✗ 2. Guglielmo Marconi

✗ 3. William Hopkins

✓ 4. Heinrich Hertz

Q.3 Calculate personal income (in ₹ crore) from the given data.

Particulars	₹ (in crore)
Private income	1800
Net retained earnings of private enterprises	500
Corporation tax	250

Ans ✗ 1. 1000

✗ 2. 950

✓ 3. 2050

✗ 4. 1100

Q.4 Article 15 of the Constitution of India entails:

Ans ✗ 1. equality of opportunity for all citizens in matters relating to employment or appointment

✓ 2. prohibition of discrimination against any citizen on grounds only of religion, race, caste, sex or place of birth

✗ 3. cultural and educational rights

✗ 4. freedom of speech and expression

Q.5 Mohiniyattam is a classical dance form of:

Ans ✓ 1. Kerala

✗ 2. Tamil Nadu

✗ 3. Tripura

✗ 4. Assam

Q.6 What is 'Padam' in Carnatic Music?

Ans ✓ 1. A love poem

✗ 2. A poem about courage

✗ 3. A patriotic poem

✗ 4. A lullaby

Q.7 In Cricket, the bowler does NOT get credit for _____.

Ans
- ✗ 1. catch
- ✗ 2. LBW
- ✗ 3. bowled
- ✓ 4. run out

Q.8 In which country do Kachin, Karen, Karenni, Chin and Mon ethnic groups belong?

Ans
- ✗ 1. Nepal
- ✓ 2. Myanmar
- ✗ 3. Afghanistan
- ✗ 4. Sri Lanka

Q.9 Manipur's _____ tribe celebrates the 'Gaan-Ngai' festival, which is a post-harvest festival of the tribe living in the regions of Manipur.

Ans
- ✗ 1. Chothe
- ✓ 2. Zeliangrong
- ✗ 3. Inpui
- ✗ 4. Gangte

Q.10 Bilhan was a court poet in which of the following kingdoms?

Ans
- ✗ 1. Vijayaditya VII
- ✓ 2. Vikramaditya VI
- ✗ 3. Kulottunga I
- ✗ 4. Rajaraja II

Q.11 Which Excel feature allows you to simultaneously edit the same cell or range of cells with multiple users in real-time?

Ans
- ✓ 1. co-authoring
- ✗ 2. Track Changes
- ✗ 3. Conditional Formatting
- ✗ 4. Data Validation

Q.12 Which of the following is a food-borne disease caused by the consumption of contaminated food or beverages?

Ans
- ✗ 1. Tuberculosis
- ✗ 2. Malaria
- ✓ 3. Cholera
- ✗ 4. Chicken pox

Q.13 Which of the following Fundamental Rights has been deleted from the original list of fundamental rights provided in the Constitution of India?

Ans
- ✓ 1. Right to property
- ✗ 2. Cultural and educational rights
- ✗ 3. Right to constitutional remedies
- ✗ 4. Right to freedom of religion

Q.14 A flat ring of small, icy bodies that revolve around the sun beyond the orbit of the planet Neptune is called:

Ans ✗ 1. Oort Cloud

✗ 2. Bow Shock

✗ 3. Asteroid Belt

✓ 4. Kuiper Belt

Q.15 In the year 2021, which of the following ministries published the amended rules related to Corporate Social Responsibility (CSR)?

Ans ✗ 1. Ministry of Home Affairs

✓ 2. Ministry of Corporate Affairs

✗ 3. Ministry of New and Renewable Energy

✗ 4. Ministry of Science and Technology

Q.16 In which year was the Board of Control for Cricket in India (BCCI) formed?

Ans ✗ 1. 1931

✓ 2. 1928

✗ 3. 1947

✗ 4. 1914

Q.17 Which of the following airports is being built as India's first 'carbon-neutral airport'?

Ans ✗ 1. Kangra airport

✓ 2. Leh airport

✗ 3. Jammu airport

✗ 4. Srinagar airport

Q.18 Who was the first Indian wrestler to win a world championship medal?

Ans ✓ 1. Udey Chand

✗ 2. Malwa Singh

✗ 3. KD Jadhav

✗ 4. Dara Singh

Q.19 Match the pair correctly:

National Waterways	Stretch
a) NW-1	1. Kakinada-Puducherry
b) Nw-2	2. Kottapuram- Kallam
c) NW-3	3. Allahabad - Haldia
d) NW-5	4. Sadiya- Dhubri
	5. Talchar–Dhamra

Ans ✗ 1. a-1, b-2, c-4, d–5

✓ 2. a-3, b-4, c-2, d–5

✗ 3. a-4, b-3, c-5, d– 1

✗ 4. a-2, b-5, c-3, d-1

Q.20 The Wild Life (Protection) Amendment Act, 2022 received the assent of the President on _____.

Ans ✗ 1. 17 December 2022

✓ 2. 19 December 2022

✗ 3. 10 December 2022

✗ 4. 14 December 2022

Q.21 What was the name of the campaign led by the Ali brothers and Maulana Abul Kalam Azad to save the Ottoman Caliphate as a symbol of unity among the Muslim community?

Ans ✗ 1. Faraizi Movement

✗ 2. Ahmadiya Movement

✗ 3. Wahabi Movement

✓ 4. Khilafat Movement

Q.22 Which key can be pressed to initiate a slide show in MS PowerPoint?

Ans ✗ 1. Function key F2

✗ 2. Function key F8

✗ 3. Function key F4

✓ 4. Function key F5

Q.23 The Chilika Lake is located to the south of the _____ delta.

Ans ✓ 1. Mahanadi

✗ 2. Narmada

✗ 3. Godavari

✗ 4. Cauvery

Q.24 Which statement about Syama Sastri is correct?

Ans ✗ 1. His famous composition is Pancharatna Kritis.

✗ 2. His signature name was Guruguha.

✗ 3. A crater on planet mercury is named after him.

✓ 4. He is one among the trinity of Carnatic Music.

Q.25 The approach driven by seven engines, which is powered by Clean Energy and 'Sabka Prayas' is related to which scheme?

Ans ✗ 1. Pradhan Mantri Mudra Yojana

✗ 2. Garib Kalyan Rojgar Abhiyan

✗ 3. Aatmanirbhar Bharat Rojgar Yojana

✓ 4. PM Gati Shakti Master Plan