Combined Higher Secondary Level Examination 2024 Tier I

Venue Name	
Exam Date	03/07/2024
Exam Time	9:00 AM - 10:00 AM
Subject	CHSL Exam 2024 Tier I

Q.1 **Parts of the following sentence have been given as options. Select the option that contains an error.**
His mother's transfer from a small town to Delhi brought up a huge change in his schooling.

Ans
✔ 1. brought up a huge change
✘ 2. in his schooling.
✘ 3. from a small town to Delhi
✘ 4. His mother's transfer

Q.2 **The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.**

Mrs. Meera and family / received his letter / a week ago.

Ans
✘ 1. a week ago
✔ 2. No error
✘ 3. Mrs. Meera and family
✘ 4. received his letter

Q.3 **Identify the error in the given sentence and select the correct sentence from the given options.**
Petrified wood is type of fossilised wood that exhibits the original details of the wood.

Ans
✘ 1. The petrified wood is the type of fossilised wood that exhibits a original details of the wood.
✘ 2. A petrified wood is type of fossilised wood that exhibits an original details of the wood.
✔ 3. Petrified wood is a type of fossilised wood that exhibits the original details of the wood.
✘ 4. Petrified wood is the type of fossilised wood that exhibits a original details of the wood.

Q.4 **The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.**
Ramya is working / hardly / to get good marks.

Ans
✘ 1. to get good marks
✔ 2. hardly
✘ 3. No error
✘ 4. Ramya is working

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.
On the afternoon of 30 March 1981, many Americans experienced a (i)_____ of déjà-vu. Déjà-vu is a name given to the feeling that a person has seen or experienced an event before. Many Americans could not help having that feeling on this day.
The (ii) _____ hit TVs and radios immediately. President Ronald Raegan had been shot. He was leaving a hotel in Washington DC, turned to wave at some of the people gathered to see him, and fell towards the ground. Before he could hit the ground, his Secret Service Agents (iii) _____ him into the car and rushed to the nearest hospital. This same story had been heard before. On 22 November 1963 President John F Kennedy was riding in a motorcade through Dallas, Texas. He smiled and waved to the crowd that had gathered to see him. (iv) _____ rang out from a nearby building. The President collapsed into the backseat of the car and was immediately taken to the nearest hospital. He was (v) _____ dead at the hospital. Now, just seventeen years later, the news sounded eerily the same.

SubQuestion No : 5

Q.5 Select the most appropriate option to fill in blank No. (i).

Ans
✗ 1. dealing
✗ 2. blinking
✗ 3. recalling
✓ 4. feeling

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.
On the afternoon of 30 March 1981, many Americans experienced a (i)_____ of déjà-vu. Déjà-vu is a name given to the feeling that a person has seen or experienced an event before. Many Americans could not help having that feeling on this day.
The (ii) _____ hit TVs and radios immediately. President Ronald Raegan had been shot. He was leaving a hotel in Washington DC, turned to wave at some of the people gathered to see him, and fell towards the ground. Before he could hit the ground, his Secret Service Agents (iii) _____ him into the car and rushed to the nearest hospital. This same story had been heard before. On 22 November 1963 President John F Kennedy was riding in a motorcade through Dallas, Texas. He smiled and waved to the crowd that had gathered to see him. (iv) _____ rang out from a nearby building. The President collapsed into the backseat of the car and was immediately taken to the nearest hospital. He was (v) _____ dead at the hospital. Now, just seventeen years later, the news sounded eerily the same.

SubQuestion No : 6

Q.6 Select the most appropriate option to fill in blank No. (ii).

Ans
✗ 1. arrow
✗ 2. ball
✓ 3. news
✗ 4. sceptre

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.
On the afternoon of 30 March 1981, many Americans experienced a (i)_____ of déjà-vu. Déjà-vu is a name given to the feeling that a person has seen or experienced an event before. Many Americans could not help having that feeling on this day.
The (ii) _____ hit TVs and radios immediately. President Ronald Raegan had been shot. He was leaving a hotel in Washington DC, turned to wave at some of the people gathered to see him, and fell towards the ground. Before he could hit the ground, his Secret Service Agents (iii) _____ him into the car and rushed to the nearest hospital. This same story had been heard before. On 22 November 1963 President John F Kennedy was riding in a motorcade through Dallas, Texas. He smiled and waved to the crowd that had gathered to see him. (iv) _____ rang out from a nearby building. The President collapsed into the backseat of the car and was immediately taken to the nearest hospital. He was (v) _____ dead at the hospital. Now, just seventeen years later, the news sounded eerily the same.

SubQuestion No : 7

Q.7 Select the most appropriate option to fill in blank No. (iii).

Ans
✗ 1. called
✗ 2. pulled
✓ 3. whisked
✗ 4. pushed

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.
On the afternoon of 30 March 1981, many Americans experienced a (i)_____ of déjà-vu. Déjà-vu is a name given to the feeling that a person has seen or experienced an event before. Many Americans could not help having that feeling on this day.
The (ii) _____ hit TVs and radios immediately. President Ronald Raegan had been shot. He was leaving a hotel in Washington DC, turned to wave at some of the people gathered to see him, and fell towards the ground. Before he could hit the ground, his Secret Service Agents (iii) _____ him into the car and rushed to the nearest hospital. This same story had been heard before. On 22 November 1963 President John F Kennedy was riding in a motorcade through Dallas, Texas. He smiled and waved to the crowd that had gathered to see him. (iv) _____ rang out from a nearby building. The President collapsed into the backseat of the car and was immediately taken to the nearest hospital. He was (v) _____ dead at the hospital. Now, just seventeen years later, the news sounded eerily the same.

SubQuestion No : 8

Q.8 Select the most appropriate option to fill in blank No. (iv).

Ans
✗ 1. Prayers
✗ 2. Music
✗ 3. Alarm
✓ 4. Shots

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.
On the afternoon of 30 March 1981, many Americans experienced a (i)_____ of déjà-vu. Déjà-vu is a name given to the feeling that a person has seen or experienced an event before. Many Americans could not help having that feeling on this day.
The (ii) _____ hit TVs and radios immediately. President Ronald Raegan had been shot. He was leaving a hotel in Washington DC, turned to wave at some of the people gathered to see him, and fell towards the ground. Before he could hit the ground, his Secret Service Agents (iii) _____ him into the car and rushed to the nearest hospital. This same story had been heard before. On 22 November 1963 President John F Kennedy was riding in a motorcade through Dallas, Texas. He smiled and waved to the crowd that had gathered to see him. (iv) _____ rang out from a nearby building. The President collapsed into the backseat of the car and was immediately taken to the nearest hospital. He was (v) _____ dead at the hospital. Now, just seventeen years later, the news sounded eerily the same.

SubQuestion No : 9

Q.9 Select the most appropriate option to fill in blank No. (v).

Ans
✗ 1. shot
✓ 2. pronounced
✗ 3. acting
✗ 4. almost

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

Ans
✗ 1. Striking
✗ 2. Critical
✓ 3. Propitious
✗ 4. Listless

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

I will require a quiet room to work at.

Ans
✗ 1. on
✓ 2. in
✗ 3. with
✗ 4. about

Q.12 Select the most appropriate synonym of the bracketed word in the following sentence to fill in the blank.
Lead paint is an environmental _____ (danger) and can harm children.

Ans
✓ 1. hazard
✗ 2. toil
✗ 3. empathy
✗ 4. conflict

Q.13 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Gulliver hear his watch ticking in his pocket.

Ans
✗ 1. could hear his watch ticked
✗ 2. heard his watch tickling
✓ 3. could hear his watch ticking
✗ 4. watch ticking

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

Ans
✗ 1. Stay
✗ 2. Annoy
✓ 3. Flee
✗ 4. Avoid

Q.15 Choose the most appropriate meaning of the given idiom.
Ace in the hole

Ans
✗ 1. A lot to do
✗ 2. A second chance to do something
✗ 3. On the point of
✓ 4. A hidden advantage

Q.16 Identify the most appropriate ANTONYM of the given word.
Lenient

Ans
✗ 1. Kind
✓ 2. Strict
✗ 3. Rude
✗ 4. Rowdy

Q.17 Select the most appropriate spelling of the underlined word in the given sentence.
Nobody could move on after such a scandlous allegation is made on them.

Ans
✗ 1. skandelous
✓ 2. scandalous
✗ 3. scendolous
✗ 4. scandelous

Q.18 Read the sentence carefully and select the synonym of the underlined word from the given alternatives.

The Television show was hosted by a young and vivacious woman called Laura.

Ans
✗ 1. Liberal
✓ 2. Energetic
✗ 3. Legendary
✗ 4. Atrocious

Q.19 Select the most appropriate option that can substitute the underlined segment in the given sentence.
In every country of the world, primary caregivers are the women of children and elders.

Ans
✗ 1. women are the caregivers primary of
✗ 2. the women primary caregivers are of
✓ 3. women are the primary caregivers of
✗ 4. primary caregivers women are of the

Q.20 **Select the most appropriate synonym of the given word.**
Confidential

Ans
✗ 1. Public
✓ 2. Secret
✗ 3. Limited
✗ 4. Open source

Q.21 **Select the appropriate meaning of the given idiom.**
Last resort

Ans
✗ 1. Last ride
✗ 2. Last friend remaining
✓ 3. Last course of action
✗ 4. Last hotel on the way

Q.22 **Select the most appropriate synonym of the given word.**
Interpret

Ans
✓ 1. Clarify
✗ 2. Cleanse
✗ 3. Complicate
✗ 4. Celebrate

Q.23 **Select the most appropriate option to fill in the blank.**
She _____ gracefully and greeted the interview committee with respect.

Ans
✓ 1. smiled
✗ 2. grinned
✗ 3. leered
✗ 4. smirked

Q.24 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**

The woman lost much <u>to her body weight due to</u> diabetes.

Ans
✗ 1. off her body weight due to
✗ 2. from her body weight due to
✗ 3. for her body weight due to
✓ 4. of her body weight due to

Q.25 **Select the INCORRECTLY spelt word.**

Ans
✓ 1. Ommision
✗ 2. License
✗ 3. Aspirant
✗ 4. Autonomous

Q.1 **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/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.)
(10, 20, 4)
(15, 30, 6)

Ans
✗ 1. (20, 30, 8)
✓ 2. (20, 40, 8)
✗ 3. (10, 40, 8)
✗ 4. (20, 40, 6)

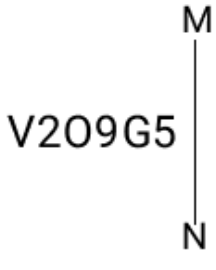
Q.2 In a certain code language, 'mobile switched off' is written as 'rq mg cr' and 'turn off light' is written as 'my cp rq'. How is 'off' written in the given language?

Ans
✗ 1. cp
✗ 2. cr
✓ 3. rq
✗ 4. mg

Q.3 What will come in the place of '?' in the following equation, if '+' and '–' are interchanged and '×' and '÷' are interchanged?
$66 \times 11 - 26 + 3 \div 9 = ?$

Ans
✓ 1. 5
✗ 2. 15
✗ 3. 8
✗ 4. 11

Q.4 **Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.**



Ans
✗ 1. ΛƧOϑϽƧ
✗ 2. V2O9G5
✓ 3. ƧϽϑ9OƧV
✗ 4. Ƨ9϶6OZΛ

Q.5 What will come in the place of the question mark (?) in the following equation, if '+' and '÷' are interchanged and '×' and '–' are interchanged?

$16 - 33 + 11 \div 22 \times 5 = ?$

Ans

✗ 1. 62

✓ 2. 65

✗ 3. 60

✗ 4. 69

Q.6 **HJKN is related to EGHK in a certain way based on the English alphabetical order. In the same way, QSTW is related to NPQT. To which of the following is IKLO related, following the same logic?**

Ans

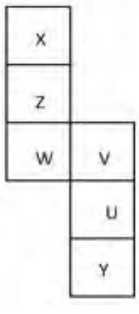
✗ 1. FHJL

✗ 2. FHIK

✗ 3. FGIL

✓ 4. FHIL

Q.7 What is opposite to 'V' when the given figure is folded to form a cube?



Ans

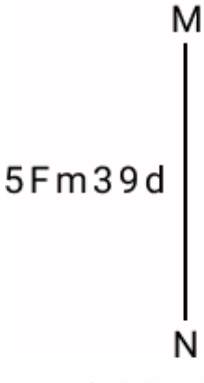
✗ 1. Z

✗ 2. X

✗ 3. W

✓ 4. Y

Q.8 **Select the correct mirror image of the given combination when the mirror is placed at MN as shown below.**



Ans

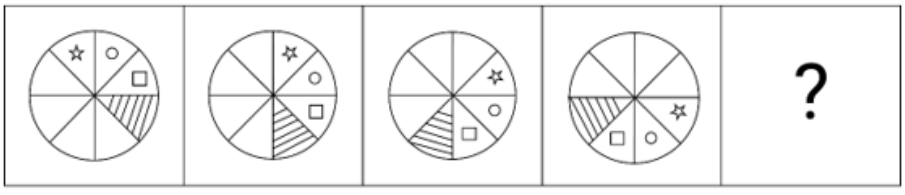
✓ 1. b9ƐmƎƧ

✗ 2. d9ƐwƎ5

✗ 3. b39mƎƧ

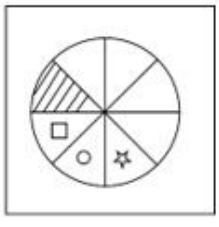
✗ 4. 5Fm39d

Q.9 **Identify the figure in the options that when put in place of the question mark (?) will logically complete the series?**

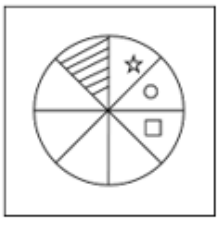


Ans

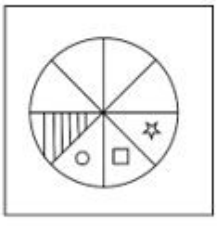
✔ 1.



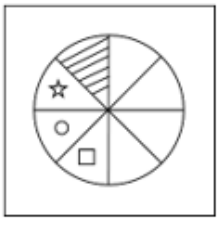
✘ 2.



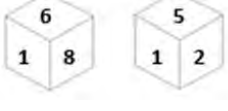
✘ 3.



✘ 4.



Q.10 Six numbers 1, 2, 5, 6, 8 and 9 are written on different faces of a dice. Two positions of this dice are shown in the figure. Which is the number on the face opposite to the face containing 8?



Ans

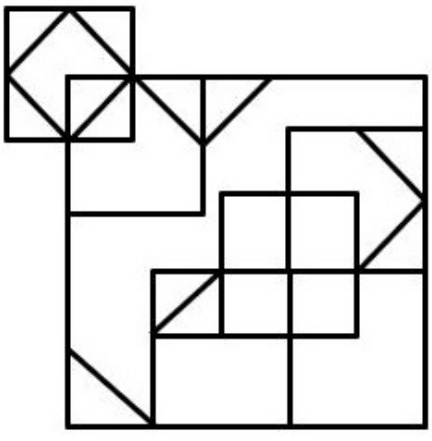
✘ 1. 1

✔ 2. 2

✘ 3. 9

✘ 4. 5

Q.11 How many triangles are there in the given figure?



Ans
✗ 1. 11
✗ 2. 12
✓ 3. 13
✗ 4. 14

Q.12 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. AFED
✗ 2. RWVU
✗ 3. PUTS
✓ 4. IMNL

Q.13 If 3 April 1996 was Wednesday, then what was the day of the week on 7 April 2001?

Ans
✓ 1. Saturday
✗ 2. Sunday
✗ 3. Friday
✗ 4. Monday

Q.14 What should come in place of the question mark (?) in the given series?
499, 498, 490, 463, 399, ?

Ans
✗ 1. 273
✓ 2. 274
✗ 3. 276
✗ 4. 275

Q.15 What will come in the place of the question mark (?) in the following equation, if '+' and '–' are interchanged and '×' and '÷' are interchanged?
333 × 3 + 11 – 5 ÷ 5 = ?

Ans
✗ 1. 192
✗ 2. 152
✓ 3. 125
✗ 4. 175

Q.16 Which of the following letter numeric clusters will replace the question mark (?) in the given series to make it logically complete?

JX 26, KY 31, ?, PD 47, TH58

Ans
✔ 1. MA 38
✘ 2. NA 38
✘ 3. NB 37
✘ 4. MB 37

Q.17 **Select the correct option that when filled in the blanks in the same sequence will make the series logically complete.**
TRIC_TRI_KT_IWK_R_TK

Ans
✘ 1. KATIR
✘ 2. KBTIR
✘ 3. KIRTA
✔ 4. KZRTI

Q.18 **If 15 January 2019 was a Tuesday, then what day of the week was it on 29 January 2020?**

Ans
✘ 1. Tuesday
✘ 2. Thursday
✔ 3. Wednesday
✘ 4. Friday

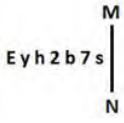
Q.19 **'Z + Y' means 'Z is the father of Y'**
'Z – Y' means 'Z is the mother of Y'
'Z × Y' means 'Z is the brother of Y'
'Z ÷ Y' means 'Z is the sister of Y'.
What does 'A × B – C' mean?

Ans
✔ 1. A is the mother's brother of C
✘ 2. A is the father's brother of C
✘ 3. A is the father's father of C
✘ 4. A is the father of C

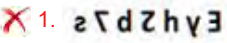
Q.20 In a certain code language, 'MENIAL' is coded as 'NIEAML' and 'INCOME' is coded as 'CONMIE'. What is the code for 'FOREGO' in the given code language?

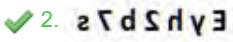
Ans
✔ 1. REOGFO
✘ 2. OFOREG
✘ 3. OGEROF
✘ 4. FOGERO

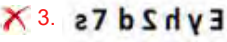
Q.21 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

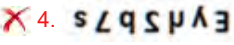


Ans

✗ 1. 

✓ 2. 

✗ 3. 

✗ 4. 

Q.22 Which of the following numbers will replace the question mark (?) in the given series?

549 482 439 372 329 262 219 ?

Ans

✓ 1. 152

✗ 2. 132

✗ 3. 149

✗ 4. 162

Q.23 **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 paints are houses.
All houses are wood.
Some streets are wood.
Conclusion (I): Some streets are houses.
Conclusion (II): All paints are wood.

Ans

✗ 1. Neither conclusion (I) nor (II) follows.

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

✗ 3. Only conclusion (I) follows.

✓ 4. Only conclusion (II) follows.

Q.24 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

ECZ, HFC, KIF, NLI, ?

Ans

✗ 1. QLO

✗ 2. OLQ

✗ 3. OQL

✓ 4. QOL

Q.25 **72 is related to 96 following a certain logic. Following the same logic, 66 is related to 88. Which of the following numbers is related to 104 using the same logic?**
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

Ans

✗ 1. 80

✗ 2. 77

✓ 3. 78

✗ 4. 75

Q.1 Two stations T1 and T2 300 km apart. A car starts from station T1 at 8 am and moves towards station T2 at a speed of 45km/hr. and at 10 am another car starts from station T2 towards T1 at a speed of 60km/hr. Then the cars will meet at:

Ans

✔ 1. 12:00 p.m.

✘ 2. 11:00 a.m.

✘ 3. 1:00 p.m.

✘ 4. 10:00 a.m.

Q.2 **In ΔPQR, S and T are points on PQ and PR, respectively, such that ST ∥ QR and ST divides the ΔPQR into two parts of equal areas. Then the ratio of PS and QS is:**

Ans

✘ 1. $1 : \sqrt{2}$

✘ 2. $1 : 1$

✔ 3. $1 : \sqrt{2} - 1$

✘ 4. $1 : \sqrt{2} + 1$

Q.3 **The internal length, breadth and height of a cardboard box are 6 cm, 10 cm and 12 cm, respectively. How many boxes are needed in which cubes whose volume is 2160 cm^3 can be packed?**

Ans

✘ 1. 6

✘ 2. 5

✔ 3. 3

✘ 4. 4

Q.4 The following table shows the production of cars in a company from 2016 to 2020.

Years	2016	2017	2018	2019	2020
A	30	23	39	25	18
B	16	10	14	12	8
C	15	18	19	25	30
D	31	12	21	19	20

There was a continuous increase in the production of cars of which type during the period 2016 to 2020?

Ans

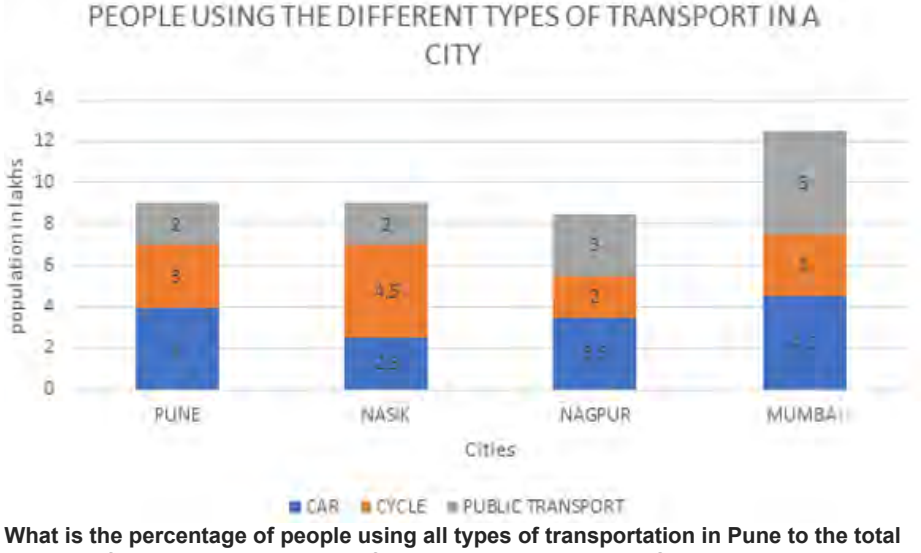
✘ 1. B

✘ 2. D

✔ 3. C

✘ 4. A

Q.5 **Study the given chart based on the population using different types of transport in the given cities. Assuming that no person uses more than one type of transport, answer the question that follows.**



What is the percentage of people using all types of transportation in Pune to the total number of people using all types of transportation in all cities?

Ans
- ✗ 1. 22.08%
- ✓ 2. 23.08%
- ✗ 3. 33.08%
- ✗ 4. 28.08%

Q.6 **A and B are centres of two circles of radii 32 cm and 8 cm, respectively. CD is a direct common tangent to the circles. If the length of AB = 30 cm, then the length of CD will be:**

Ans
- ✗ 1. 10 cm
- ✓ 2. 18 cm
- ✗ 3. 20 cm
- ✗ 4. 9 cm

Q.7 **$(\cot\theta + \tan\theta)(\text{cosec}\,\theta - \sin\theta)(\cos\theta - \sec\theta) =$ _____.**

Ans
- ✓ 1. −1
- ✗ 2. 2
- ✗ 3. 0
- ✗ 4. 1

Q.8 **An 8 digit number is divisible by 99. If the digits are shuffled, then the number is always divisible by _____.**

Ans
- ✓ 1. 9
- ✗ 2. 11
- ✗ 3. 6
- ✗ 4. 5

Q.9 **A retail fruit vendor buys a score of apples for ₹400 and retails them for ₹264 at a dozen. What was his loss/gain per cent? (a score = 20 no's)**

Ans
- ✗ 1. 20% profit
- ✗ 2. 5% loss
- ✗ 3. 10% loss
- ✓ 4. 10% profit

Q.10 **In a circle with centre O, ABC is a secant intersecting the circle at A and B and DC is a tangent to the circle at D. If DC = 12 cm and BC = 6 cm, then the length of AB is equal to:**

Ans

✗ 1. 20 cm

✗ 2. 16 cm

✓ 3. 18 cm

✗ 4. 22 cm

Q.11 **The given line graph shows the number of scooters manufactured (in thousands) by companies X and Z, over the years.**



What is the approximate difference between the total production by companies X and Z in the given years?

Ans

✗ 1. 205000

✗ 2. 292000

✗ 3. 210000

✓ 4. 192000

Q.12 A bus driver must complete a 240 km trip in 4 hours. If he averages 70 km an hour for the first 3 hours of his trip, how fast must he travel (in km/h) in the last/final hour?

Ans

✗ 1. 50

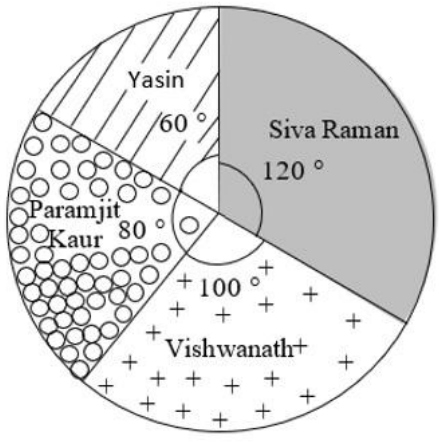
✗ 2. 60

✓ 3. 30

✗ 4. 35

Q.13 Study the given pie-chart and answer the question that follows.

The pie-chart represents the total number of valid votes obtained by four students who contested for school leadership. The total number of valid votes polled was 720.



What is the minimum number of votes obtained by any candidate?

Ans
- ✔ 1. 120
- ✘ 2. 200
- ✘ 3. 160
- ✘ 4. 240

Q.14 **Among the ratios 3 : 4, 5 : 8, 1 : 2, 6 : 9 which is the greatest?**

Ans
- ✘ 1. 5 : 8
- ✘ 2. 6 : 9
- ✘ 3. 1 : 2
- ✔ 4. 3 : 4

Q.15 **The heights of two cones are in the ratio of 5 : 3 and their radii are in the ratio 6 : 5. Find the ratio of their volumes.**

Ans
- ✘ 1. 10 : 5
- ✘ 2. 13 : 5
- ✔ 3. 12 : 5
- ✘ 4. 11 : 5

Q.16 The marked price of an article is ₹600. A shopkeeper purchased it on two successive discounts of 10% and 20%. He spent ₹68 on transportation and sold the article for ₹600. Find his gain or loss percentage.

Ans
- ✘ 1. 15% Profit
- ✔ 2. 20% Profit
- ✘ 3. 18% Loss
- ✘ 4. 25% Loss

Q.17 **What is the present worth of ₹2,400 due in 4 years at a rate of 5% simple interest per annum?**

Ans
- ✘ 1. ₹2,240
- ✘ 2. ₹2,456
- ✔ 3. ₹2,000
- ✘ 4. ₹2,200

Q.18 In an election between two candidates, the defeated candidate secured 42% of the valid votes polled and lost the election by 2545800 votes. If 365500 votes were declared invalid and 30% people did not cast their vote, what was the approximate number of people (in millions) in the electorate who did NOT cast their votes?

Ans
- ✔ 1. 7
- ✘ 2. 8
- ✘ 3. 6
- ✘ 4. 5

Q.19 The length of the portion of the straight line 5x + 12y = 60 intercepted between the axes is:

Ans
- ✔ 1. 13
- ✘ 2. 17
- ✘ 3. 5
- ✘ 4. 12

Q.20 If a circle whose centre is (2, 3) touches the line 4x + 3y − 7 = 0, then the radius of the circle is:

Ans
- ✘ 1. 1 unit
- ✘ 2. 3 unit
- ✘ 3. 4 unit
- ✔ 4. 2 unit

Q.21 In an election between two candidates, a candidate who gets 78% of the votes is elected by a majority of 448 votes. What is the total number of votes polled?

Ans
- ✔ 1. 800
- ✘ 2. 750
- ✘ 3. 850
- ✘ 4. 700

Q.22 Joey completed the school project in 15 days. How many days will Tim take to complete the same work if he is 25% more efficient than Joey?

Ans
- ✔ 1. 12 days
- ✘ 2. 16 days
- ✘ 3. 8 days
- ✘ 4. 10 days

Q.23 When a number is divided by 512 it leaves a remainder 67. If the same number is divided by 32, then what will be the remainder?

Ans
- ✘ 1. 5
- ✘ 2. 0
- ✘ 3. 4
- ✔ 4. 3

Q.24 **Monthly expenditure of Ritvik decreases from ₹12,800 to ₹11,712. Find the percentage decrease in his expenditure.**

Ans
✗ 1. 9.25%
✓ 2. 8.5%
✗ 3. 6.25%
✗ 4. 7.7%

Q.25 **If the radius of a sphere is doubled, then the volume of the sphere becomes _____ times the previous volume.**

Ans
✗ 1. two
✗ 2. one
✓ 3. eight
✗ 4. four

Q.1 **Which folk music of Jammu and Kashmir is sung in wedding ceremonies?**

Ans
✗ 1. Alha
✓ 2. Wanawun
✗ 3. Panihari
✗ 4. Baul

Q.2 **According to the Census of India, who are considered to be literates?**

Ans
✗ 1. Person aged five and above, who can both read and write with understanding in any language
✗ 2. Person aged fifteen and above, who can both read and write with understanding in any language
✗ 3. Person aged eighteen and above, who can both read and write with understanding in any language
✓ 4. Person aged seven and above, who can both read and write with understanding in any language

Q.3 **According to Census of India 2011, which of the following states recorded the least population?**

Ans
✗ 1. Punjab
✗ 2. Tamil Nadu
✗ 3. Gujarat
✓ 4. Sikkim

Q.4 **Which of the following statements is correct with respect to the Badminton game and match length?**

Ans
✗ 1. A match consists of the best of two games of 21 points.
✗ 2. A match consists of the best of five games of 21 points.
✓ 3. A match consists of the best of three games of 21 points.
✗ 4. A match consists of the best of four games of 21 points.

Q.5 **Which is the largest part of the northern plains and is formed of older alluvium?**

Ans
- ✗ 1. Terai
- ✗ 2. Bhabar
- ✓ 3. Bhangar
- ✗ 4. Khadar

Q.6 **What kind of technology is most frequently used to manage and digitise e-land records?**

Ans
- ✗ 1. Virtual Reality (VR)
- ✗ 2. Blockchain
- ✗ 3. Augmented Reality (AR)
- ✓ 4. Geographic Information System (GIS)

Q.7 Which of the following statements are true?

i. The First Five-Year Plan was based on the PC Mahalanobis model.

ii. The First Five-Year Plan laid emphasis on agriculture development.

iii. The Five-Year planning model in India was borrowed from Russia.

Ans
- ✗ 1. Only i and iii
- ✓ 2. Only ii and iii
- ✗ 3. Only i and ii
- ✗ 4. i, ii and iii

Q.8 **What is the main sense organ that virtual reality displays are aiming for?**

Ans
- ✗ 1. Taste
- ✗ 2. Smell
- ✓ 3. Vision
- ✗ 4. Touch

Q.9 **Which of the following Indian classical dances has originated from Andhra Pradesh?**

Ans
- ✗ 1. Odissi
- ✓ 2. Kuchipudi
- ✗ 3. Kathakali
- ✗ 4. Mohiniattam

Q.10 **Jamshedi Navroz is a festival of _____ community.**

Ans
- ✗ 1. Christian
- ✗ 2. Hindu
- ✓ 3. Parsi
- ✗ 4. Jain

Q.11 Who was the first female Indian wrestler to win Gold at the Commonwealth Games?

Ans
- ✗ 1. Babita Phogat
- ✗ 2. Alka Tomar
- ✓ 3. Geeta Phogat
- ✗ 4. Sakshi Malik

Q.12 In 2000-01, NABARD instituted Micro Finance Development Fund with a corpus of _____.

Ans
- ✗ 1. ₹189 crores
- ✗ 2. ₹245 crores
- ✗ 3. ₹150 crores
- ✓ 4. ₹100 crores

Q.13 In May 2023, the Supreme Court of India issued a set of directions to strengthen the POSH Act. To which of the following is this Act related?

Ans
- ✓ 1. Sexual harassment of women at workplace
- ✗ 2. Food security
- ✗ 3. Amenities in jails
- ✗ 4. Child trafficking

Q.14 Which from following unemployment scheme was extended by the government of India for a period of two years from July 2022 to June 2024?

Ans
- ✗ 1. Grameen Udyami Yojana
- ✗ 2. Aatmanirbhar Bharat Rojgar Yojana
- ✗ 3. Pradhan Mantri Berojgari Bhatta Yojana
- ✓ 4. Atal Beemit Vyakti Kalyan Yojana

Q.15 Certiorari comes under the:

Ans
- ✗ 1. right to religious freedom
- ✓ 2. right to constitutional remedies
- ✗ 3. right against exploitation
- ✗ 4. right to equality

Q.16 Which state is introduced India's first 'Right to Health Care Act, 2022'?

Ans
- ✗ 1. Chhattisgarh
- ✗ 2. Kerala
- ✗ 3. Assam
- ✓ 4. Rajasthan

Q.17 Indian athlete Shaili Singh won bronze medal in women's long jump at the Golden Grand Prix 2023 athletics meet held at _____.

Ans
- ✗ 1. Singapore
- ✓ 2. Japan
- ✗ 3. Malaysia
- ✗ 4. South Korea

Q.18 **_____ Fundamental Duties were added in Part-IV of the Constitution under Article 51-A in the year 1976 through the 42nd Constitutional Amendment.**

Ans
✗ 1. Nine
✗ 2. Eight
✓ 3. Ten
✗ 4. Twelve

Q.19 **Which of the following statements about climate is INCORRECT?**

Ans
✗ 1. India's climate has characteristics of tropical as well as subtropical climates.
✗ 2. Coastal areas of India experience less contrasts in temperature conditions as compared to the interior of the country.
✗ 3. 'Monsoon' type of climate is found mainly in south and southeast Asia.
✓ 4. India experiences comparatively stronger winters as compared to central Asia.

Q.20 **The Ghadar Party was founded in _____ by Sohan Singh Bhakna, Kanshi Ram, Harnam Singh Tundilat, Lala Har Dayal and others.**

Ans
✓ 1. 1913
✗ 2. 1910
✗ 3. 1901
✗ 4. 1905

Q.21 **Match the following names of primitive forms of cultivation in different states correctly.**

States	Name of Primitive form of cultivation
1. Madhya Pradesh	a. Penda
2. Andhra Pradesh	b. Bewar
3. Odisha	c. Kuruwa
4. Jharkhand	d. Bringa

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

Q.22 **The Yakshagana is the dance-drama primarily associated with which of the following states?**

Ans
✗ 1. Bihar
✗ 2. Odisha
✗ 3. Himachal Pradesh
✓ 4. Karnataka

Q.23 **In which year did Hans Christian Oersted discover that a compass needle gets deflected when an electric current passes through a metallic wire placed nearby?**

Ans
✓ 1. 1820
✗ 2. 1824
✗ 3. 1826
✗ 4. 1822

Q.24 Which of the following enzymes are essential of DNA replication in an animal cell?

Ans

✗ 1. Reverse transcriptase, RNA polymerase, Ligase

✗ 2. Reverse transcriptase, DNA polymerase, DNA primase

✓ 3. Topoisomerase, DNA ligase, DNA polymerase, DNA primase

✗ 4. Reverse transcriptase, DNA polymerase, Ligase

Q.25 Balban followed the tradition of 'Sijda and Pabos' from which of following traditions?

Ans

✓ 1. Persian

✗ 2. Roman

✗ 3. Mangol

✗ 4. Chinese