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FOR SSC CHSL EXAM PREPARATION

SSC CHSL 2024 Question Paper · Tier 1

EXAM	YEAR	TYPE	SUBJECT	DATE	SHIFT
SSC CHSL	2024	Question Paper	Tier 1	10 Jul	Shift 1

CHSL Exam 2024 Tier I (10-07-2024 - 9-00 AM - 10-00 AM)

Combined Higher Secondary Level Examination 2024 Tier I

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

Q.1 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**

UNICEF builds partnerships across the global community on accelerate gender equality.

Ans
- ✓ 1. global community to accelerate
- ✗ 2. global community till accelerate
- ✗ 3. global community in accelerate
- ✗ 4. global community with accelerate

Q.2 **Parts of the given sentence have been underlined. One of them contains an error. The underlined parts are given as options with some changes. Select the option that correctly rectifies the error.**
Raveena's daughter Kavya is most intelligent student and she consistently achieves top grades.

Ans
- ✓ 1. an intelligent
- ✗ 2. topper grades
- ✗ 3. she has consistently
- ✗ 4. Raveenas' daughter

Q.3 **The given sentence is divided into three segments. Select the option that has the segment with a grammatical error. If there is no error, select 'No error'.**
The volunteer gave on to / the food packets to the / children of the orphanage.

Ans
- ✗ 1. No error
- ✓ 2. The volunteer gave on to
- ✗ 3. children of the orphanage.
- ✗ 4. the food packets to the

Q.4 **The given sentence is divided into four segments. Select the option that has the segment with a grammatical error.**
It was my niece / who was leaving college / last year, and / not my son.

Ans
- ✓ 1. who was leaving college
- ✗ 2. It was my niece
- ✗ 3. last year, and
- ✗ 4. not my son.

CHSL Exam 2024 Tier I (10-07-2024 - 9-00 AM - 10-00 AM)

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option for each blank.
I was reading a book two days back. It was titled Charlie and the Chocolate Factory by Roland Dahl. It was fantastic. It has now become my favourite (1)_____. It is about a boy named Charlie who is (2) _____ poor. He wins a golden ticket that (3) _____ him to enter the most famous chocolate factory in the world. He (4) _____it with his grandfather. But the other kids who accompany him are nasty. They are all spoilt. But you have to read the book to (5) _____out more about them. The amazing part of the book is that it is like a dream come true.

SubQuestion No : 5

Q.5 Select the most appropriate option to fill in blank no. 1.

Ans
✔ 1. book
✘ 2. manual
✘ 3. guide
✘ 4. text

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option for each blank.
I was reading a book two days back. It was titled Charlie and the Chocolate Factory by Roland Dahl. It was fantastic. It has now become my favourite (1)_____. It is about a boy named Charlie who is (2) _____ poor. He wins a golden ticket that (3) _____ him to enter the most famous chocolate factory in the world. He (4) _____it with his grandfather. But the other kids who accompany him are nasty. They are all spoilt. But you have to read the book to (5) _____out more about them. The amazing part of the book is that it is like a dream come true.

SubQuestion No : 6

Q.6 Select the most appropriate option to fill in blank no. 2.

Ans
✔ 1. very
✘ 2. finally
✘ 3. nicely
✘ 4. properly

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option for each blank.
I was reading a book two days back. It was titled Charlie and the Chocolate Factory by Roland Dahl. It was fantastic. It has now become my favourite (1)_____. It is about a boy named Charlie who is (2) _____ poor. He wins a golden ticket that (3) _____ him to enter the most famous chocolate factory in the world. He (4) _____it with his grandfather. But the other kids who accompany him are nasty. They are all spoilt. But you have to read the book to (5) _____out more about them. The amazing part of the book is that it is like a dream come true.

SubQuestion No : 7

Q.7 Select the most appropriate option to fill in blank no. 3.

Ans
✔ 1. allows
✘ 2. suffers
✘ 3. gets
✘ 4. bears

CHSL Exam 2024 Tier I (10-07-2024 - 9-00 AM - 10-00 AM)

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option for each blank.
I was reading a book two days back. It was titled Charlie and the Chocolate Factory by Roland Dahl. It was fantastic. It has now become my favourite (1)_____. It is about a boy named Charlie who is (2) _____ poor. He wins a golden ticket that (3) _____ him to enter the most famous chocolate factory in the world. He (4) _____it with his grandfather. But the other kids who accompany him are nasty. They are all spoilt. But you have to read the book to (5) _____out more about them. The amazing part of the book is that it is like a dream come true.

SubQuestion No : 8

Q.8 Select the most appropriate option to fill in blank no. 4.

Ans
✗ 1. examines
✓ 2. visits
✗ 3. inspects
✗ 4. explores

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option for each blank.
I was reading a book two days back. It was titled Charlie and the Chocolate Factory by Roland Dahl. It was fantastic. It has now become my favourite (1)_____. It is about a boy named Charlie who is (2) _____ poor. He wins a golden ticket that (3) _____ him to enter the most famous chocolate factory in the world. He (4) _____it with his grandfather. But the other kids who accompany him are nasty. They are all spoilt. But you have to read the book to (5) _____out more about them. The amazing part of the book is that it is like a dream come true.

SubQuestion No : 9

Q.9 Select the most appropriate option to fill in blank no. 5.

Ans
✓ 1. find
✗ 2. unlearn
✗ 3. spot
✗ 4. locate

Q.10 Select the most appropriate option to fill in the blank.

I find that students nowadays are not interested in _____ letters by hand.

Ans
✓ 1. writing
✗ 2. rating
✗ 3. rioting
✗ 4. righting

Q.11 Select the sentence that brings out the most appropriate meaning of the idiom 'Dog in the manger'.

Ans
✗ 1. Mohit was so loyal and committed to his company that he rejected lucrative offers from different companies.
✓ 2. Rachit had some important work and so he cancelled the show tickets for everyone.
✗ 3. To prove this is not a trap, I want to check the credibility of your plan.
✗ 4. You are here just because you have recognised your hidden potential.

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Q.12 **Select the most appropriate synonym of the given word.**
Alert

Ans
✗ 1. Dull
✗ 2. Smart
✗ 3. Inactive
✓ 4. Vigilant

Q.13 **Select the most appropriate synonym of the given word.**
Retract

Ans
✓ 1. Revoke
✗ 2. Disturb
✗ 3. Please
✗ 4. Implement

Q.14 **Select the most appropriate ANTONYM of the given word.**
Enormous

Ans
✗ 1. Strong
✓ 2. Minute
✗ 3. Tremendous
✗ 4. Monstrous

Q.15 **Select the most appropriate meaning of the underlined idiom.**

The technicians who were repairing the broken elevator called it a day.

Ans
✗ 1. Stopped to take a short break
✗ 2. Felt unhappy
✓ 3. Stopped work for the day
✗ 4. Shouted with anger

Q.16 **Select the option that will improve the underlined part of the given sentence.**

Allusive handwriting creates a poor impression.

Ans
✗ 1. Eligible handwriting
✗ 2. Descriptive handwriting
✓ 3. Illegible handwriting
✗ 4. Legal handwriting

Q.17 **Select the most appropriate synonym of the underlined word.**
For Rana, unable to see a thing, the parade seemed to last forever.

Ans
✗ 1. darkness
✓ 2. procession
✗ 3. concealment
✗ 4. hiding

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Q.18 **Select the most appropriate option to correct the sentence by using the denotation of the underlined word.**

Mr. Sen is <u>clever</u> enough to handle his professional hazards.

Ans
✗ 1. Bold
✓ 2. Intelligent
✗ 3. Callous
✗ 4. Foolish

Q.19 **Select the INCORRECTLY spelt word in the given sentence.**

The Chinese are believed to have a longer history than that of any other civilisation in the wolrd.

Ans
✓ 1. Wolrd
✗ 2. Chinese
✗ 3. Believed
✗ 4. Civilisation

Q.20 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**

The housing loan taken <u>by Ramesh effected</u> his daily expenses adversely.

Ans
✗ 1. from Ramesh effected
✗ 2. of Ramesh effected
✓ 3. by Ramesh affected
✗ 4. for Ramesh effected

Q.21 **Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select No improvement required.**
Although uncountable files stack up on the tables of government officials, they prefer doing their work <u>at a more leisure pace.</u>

Ans
✗ 1. No improvement needed
✗ 2. at a more leisure paced
✓ 3. at a more leisurely pace
✗ 4. at a more leisurely paced

Q.22 **Select the option that rectifies the spelling of the underlined word in the given sentence.**
It was a <u>privvilege</u> to receive the award from the President.

Ans
✗ 1. privillege
✗ 2. privilegge
✗ 3. privileege
✓ 4. privilege

Q.23 **Select the most appropriate option that can replace the bracketed word segment in the following sentence.**
Classical buildings in ancient Greek and Roman times were (characteristically built) from marble or some other attractive, durable stone.

Ans
✗ 1. strange build
✓ 2. typically built
✗ 3. fascinating to build
✗ 4. mainly having been built

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Q.24 **Select the most appropriate ANTONYM of the given word.**
Sluggish

Ans
✗ 1. Hassled
✗ 2. Leisurely
✓ 3. Rapid
✗ 4. Lethargic

Q.25 **Select the most appropriate ANTONYM of the given word.**
Timid

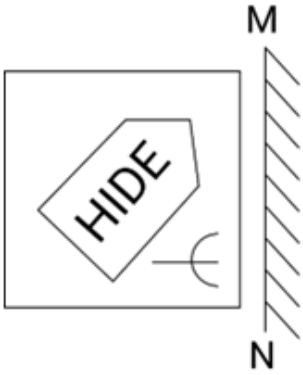
Ans
✗ 1. Resolute
✗ 2. Assertive
✓ 3. Audacious
✗ 4. Blunt

Q.1 In a certain code language, 'DIVERT' is coded as '36' and 'DOLDRUMS' is coded as '64'. What is the code for 'DOGMA' in the given code language?

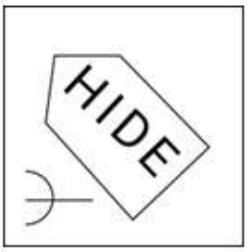
Ans
✗ 1. 64
✗ 2. 49
✓ 3. 25
✗ 4. 36

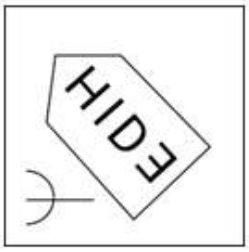
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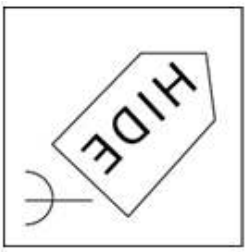
Q.2 **Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.**

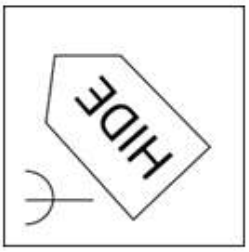


Ans

✗ 1.


✗ 2.


✗ 3.


✓ 4.


Q.3 **If 23 June 2008 was Monday, then what was the day of the week on 23 June 2020?**

Ans

✗ 1. Sunday

✓ 2. Tuesday

✗ 3. Saturday

✗ 4. Wednesday

CHSL Exam 2024 Tier I (10-07-2024 - 9-00 AM - 10-00 AM)

Q.4 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?

14 B 11 D 22 C 328 A 8 = ?

Ans

✔ 1. 173

✘ 2. 133

✘ 3. 163

✘ 4. 153

Q.5 **Select the letter-cluster pair that best represents a similar relationship to the one expressed in the pairs of letter-clusters given below.**
VPN : ZTR
SMK : WQO

Ans

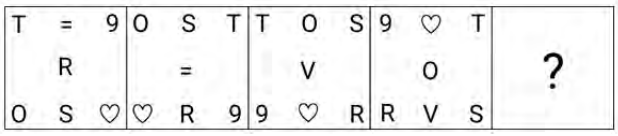
✘ 1. PMK : TOL

✘ 2. HDB : MIG

✘ 3. KFD : OJK

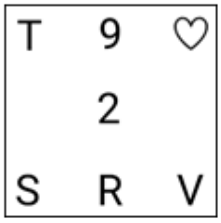
✔ 4. LFD : PJH

Q.6 Identify the figure given in the options that when put in place of the question mark (?) will logically complete the series.



Ans

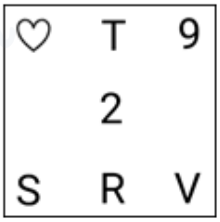
✔ 1.



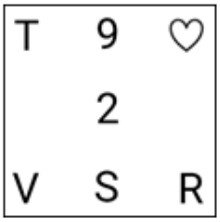
✘ 2.



✘ 3.



✘ 4.



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Q.7 **92 is related to 23 following a certain logic. Following the same logic, 136 is related to 34. To which of the following is 224 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. 54
✗ 2. 52
✓ 3. 56
✗ 4. 58

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

BJR ? RTH MYC HDX

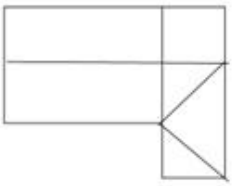
Ans
✗ 1. OMW
✗ 2. MOW
✓ 3. WOM
✗ 4. OWM

Q.9 Which of the following numbers will replace the question mark (?) in the given series?

612 571 535 504 478 ?

Ans
✗ 1. 444
✗ 2. 468
✓ 3. 457
✗ 4. 435

Q.10 **How many quadrilaterals are there in the given figure?**



Ans
✗ 1. 10
✗ 2. 12
✓ 3. 11
✗ 4. 7

Q.11 What should come in place of ? in the given series?

155 146 137 128 119 ?

Ans
✗ 1. 111
✗ 2. 122
✗ 3. 133
✓ 4. 110

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Q.12 **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 houses are trees.
All trees are stones.
All stones are rocks.
Conclusion (I): Some stones are trees.
Conclusion (II): All houses are rocks.

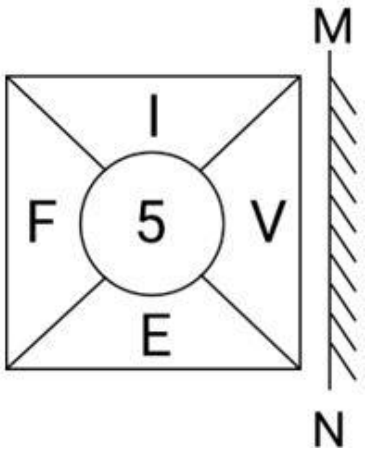
Ans
✔ 1. Both conclusions (I) and (II) follow.
✘ 2. Only conclusion (II) follows.
✘ 3. Only conclusion (I) follows.
✘ 4. Neither conclusion (I) nor (II) follows.

Q.13 **The position of how many letters will remain unchanged if each of the letters in the word DOCUMENTARY is arranged from left to right in alphabetical order?**

Ans
✘ 1. None
✘ 2. Three
✘ 3. One
✔ 4. Two

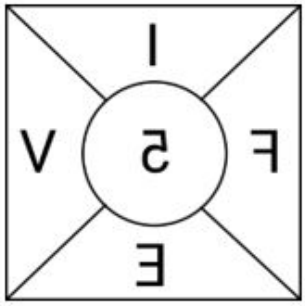
CHSL Exam 2024 Tier I (10-07-2024 - 9-00 AM - 10-00 AM)

Q.14 Select the correct mirror image of the given figure when the mirror is placed at MN.

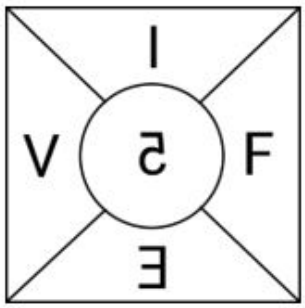


Ans

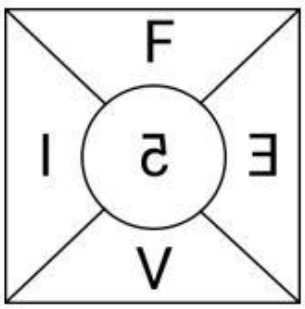
✔ 1.



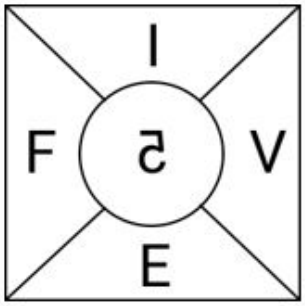
✘ 2.



✘ 3.



✘ 4.



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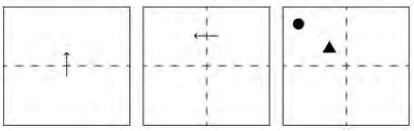
Q.15 **Three of the following four letter-clusters are alike in a certain way and thus form a group. Which is the one that does NOT belong to that group?**
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster.)
1) EFINU
2) BCFKR
3) JKNSZ
4) HIMQX

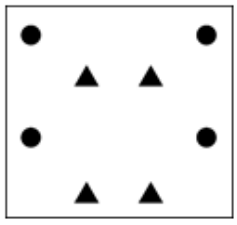
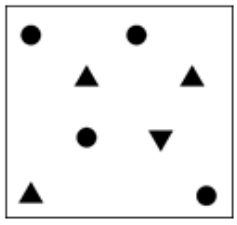
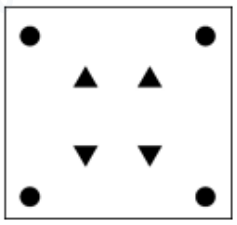
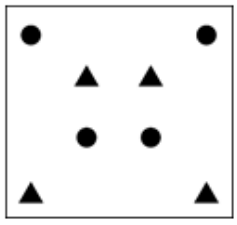
Ans
✗ 1. BCFKR
✗ 2. JKNSZ
✗ 3. EFINU
✓ 4. HIMQX

Q.16 **If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '–', then the resultant of which of the following will be 218?**

Ans
✗ 1. 32 A 8 D 160 B 2 C 42
✗ 2. 32 B 8 D 160 C 2 A 42
✗ 3. 32 C 8 D 160 A 2 B 42
✓ 4. 32 B 8 D 160 A 2 C 42

Q.17 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.


CHSL Exam 2024 Tier I (10-07-2024 - 9-00 AM - 10-00 AM)

Q.18 **Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.**



Ans

✗ 1. TΣLHBD

✗ 2. TΣLBHD

✗ 3. TJZHBD

✓ 4. TΣLHBD

Q.19 **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 husband of B'
A ÷ B means A is the father of B'
Based on the above, how is K related to L if 'K × Q + R − S ÷ L'?

Ans

✗ 1. Father's brother

✗ 2. Father's father's brother

✗ 3. Father's mother's father

✓ 4. Father's father

Q.20 Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.
(The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)
Flower – Petal

Ans

✗ 1. Horse – Mare

✓ 2. Fruit – Seed

✗ 3. Tiny – Large

✗ 4. Clarify – Explain

Q.21 **Which of the following letter-clusters can replace the question mark (?) in the given series to make it logically complete?**
AFK, ? , IXM, MTN, QPO

Ans

✗ 1. EBC

✗ 2. FAL

✗ 3. FAE

✓ 4. EBL

Q.22 **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)
(5, 4, 41)
(7, 2, 53)

Ans

✗ 1. (10, 5, 130)

✓ 2. (9, 3, 90)

✗ 3. (13, 6, 208)

✗ 4. (11, 9, 204)

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Q.23 In a certain code language, 'strength to innovate' is coded as '42 64 32' and 'strength to create' is coded as '32 42 24'. What is the code for 'create' in that language?

Ans
- ✗ 1. 32
- ✗ 2. 64
- ✗ 3. 42
- ✓ 4. 24

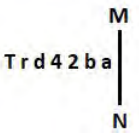
Q.24 **Which two numbers should be interchanged to make the given equation correct?**

15 × 5 − 75 + (300 ÷ 6) + 3 × 19 = 115

(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. 6 and 5
- ✓ 2. 15 and 19
- ✗ 3. 6 and 3
- ✗ 4. 15 and 6

Q.25 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



Ans
- ✓ 1. ɓdƧ⊁bɿT
- ✗ 2. ɐbƧ⊁bɿT
- ✗ 3. ɓdƧ⊁pɾT
- ✗ 4. ɓd2⊁pɿT

Q.1 A patient in a hospital is given tea daily in a cylindrical cup of diameter 7 cm. If the cup is filled with tea to a height of 4 cm, how much tea the hospital has to prepare daily to serve 180 patients? (Use $\pi = \frac{22}{7}$)

Ans
- ✗ 1. 22.27 litres
- ✗ 2. 27.27 litres
- ✓ 3. 27.72 litres
- ✗ 4. 22.77 litres

Q.2 **Four years ago, Ravi was four times as old as Kavya. Seven years from now, Ravi will be three times as old as Kavya. Find the sum of their present ages.**

Ans
- ✗ 1. 122 years
- ✗ 2. 117 years
- ✓ 3. 118 years
- ✗ 4. 115 years

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Q.3 **Ram spends 30% of his salary on food, 10% on house rent, 7% on entertainment, and 6% on conveyance. If at the end of a month his savings are ₹1,880, then his monthly salary is:**

Ans
- ✔ 1. ₹4,000
- ✘ 2. ₹4,500
- ✘ 3. ₹5,000
- ✘ 4. ₹5,500

Q.4 **The radii of the two circles are 7 cm and 4 cm. If the distance between their centres is 25 cm, then the length of the transverse common tangent is equal to:**

Ans
- ✘ 1. $6\sqrt{11}$ cm
- ✘ 2. $6\sqrt{12}$ cm
- ✔ 3. $6\sqrt{14}$ cm
- ✘ 4. $6\sqrt{13}$ cm

Q.5 A vendor sells his goods using weights 19% less than true weights and makes a profit of 35%. His net gain percentage (rounded off to 2 decimal places) is:

Ans
- ✘ 1. 81.33%
- ✘ 2. 66.33%
- ✘ 3. 81.67%
- ✔ 4. 66.67%

Q.6 **Raju and Ramu have more land than Sonu by 15% and 25%, respectively. What is the ratio of land owned by Raju and Ramu?**

Ans
- ✘ 1. 15 : 25
- ✘ 2. 21 : 23
- ✔ 3. 23 : 25
- ✘ 4. 25 : 23

Q.7 **To finish a work, P takes half of the number of days required by Q to finish it. If they together can finish the work in 36 days, then in how many days Q alone can finish the work?**

Ans
- ✘ 1. 84
- ✘ 2. 60
- ✘ 3. 24
- ✔ 4. 108

Q.8 $(8^6 + 1)$ when divided by 7, would leave a remainder of:

Ans
- ✘ 1. 1
- ✘ 2. 4
- ✔ 3. 2
- ✘ 4. 6

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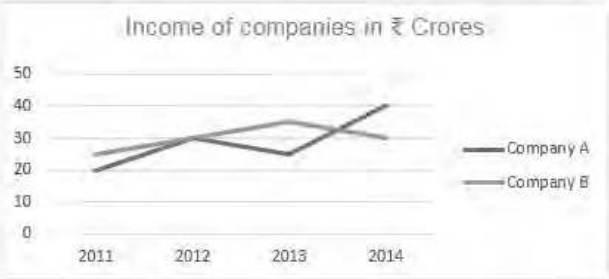
Q.9 **In an election between two candidates, A gets 63% of the total valid votes. If the total votes polled were 8,750, what is the number of valid votes that the other candidate B gets, if 20% of the total votes were declared invalid?**

Ans
- ✗ 1. 4,410
- ✗ 2. 3,560
- ✗ 3. 6,450
- ✓ 4. 2,590

Q.10 A sum of ₹2,430 gives a simple interest of ₹1,093.50 in 3 years. The rate of interest per annum is:

Ans
- ✗ 1. 20%
- ✗ 2. 10%
- ✓ 3. 15%
- ✗ 4. 25%

Q.11 Read the given information and answer the question that follows.



If Company A makes 25% of income as profit in 2014, then its expenditure in that

Ans
- ✗ 1. ₹32 crores
- ✗ 2. ₹40 crores
- ✓ 3. ₹30 crores
- ✗ 4. ₹35 crores

Q.12 **If the radius of a circle is 48 cm and the length of the arc is 15 cm, then the area of the sector corresponding to that arc is:**

Ans
- ✗ 1. 360 m^2
- ✗ 2. 720 cm^2
- ✗ 3. 7200 m^2
- ✓ 4. 360 cm^2

Q.13 **A person reaches his destination 30 minutes late, if his speed is 3 km/h, and reaches 30 minutes before time if his speed is 4 km/h. Find the distance of his destination from his starting point.**

Ans
- ✗ 1. 11 km
- ✗ 2. 14 km
- ✓ 3. 12 km
- ✗ 4. 13 km

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Q.14 55 workers can finish a work in 16 days. For finishing the same work in 10 days, how many more workers are required?

Ans
- ✗ 1. 88
- ✗ 2. 68
- ✓ 3. 33
- ✗ 4. 31

Q.15 **A rectangle with the largest area is cut out of a circle with radius 5 units. What is the area of the remaining portion?**

Ans
- ✗ 1. 25(2π-3)
- ✗ 2. 25(2π-5)
- ✗ 3. 25(π-3)
- ✓ 4. 25(π-2)

Q.16 Simplify the following:

$$12 \div 4 \text{ of } 3 \times 6 + 8 \div 16 \text{ of } 4 \times 8 - 4 \div 6 \times 9$$

Ans
- ✓ 1. 1
- ✗ 2. -1
- ✗ 3. $6\frac{1}{4}$
- ✗ 4. 13

Q.17 **A cyclist rides 10 km at an average speed of 15 km/hr and then the next 15 km at an average speed of 10 km/hr. The average speed of the entire ride is:**

Ans
- ✗ 1. 20 km/hr
- ✓ 2. 11.54 km/hr
- ✗ 3. 12.5 km/hr
- ✗ 4. 10 km/hr

Q.18 **The sum of the digits of a two-digit number is 9. If the digits are reversed, then the number is increased by 27. Find the number.**

Ans
- ✗ 1. 63
- ✓ 2. 36
- ✗ 3. 54
- ✗ 4. 45

Q.19 **R wishes to use a stick of length 6 units as common internal tangent to two circles of radius two units and three units. What can be the maximum distance (in units) between the centres of the circle?**

Ans
- ✗ 1. $\sqrt{67}$
- ✗ 2. $\sqrt{33}$
- ✗ 3. $\sqrt{37}$
- ✓ 4. $\sqrt{61}$

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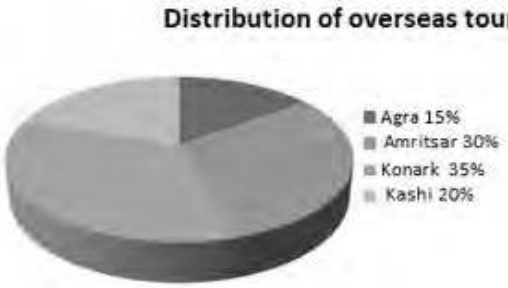
Q.20 A cuboidal water purifier can carry 10 litres of water. Its breadth is $\frac{1}{5}$ of its height and length is $\frac{1}{3}$ of the sum of the breadth and height. The height of the tank is:

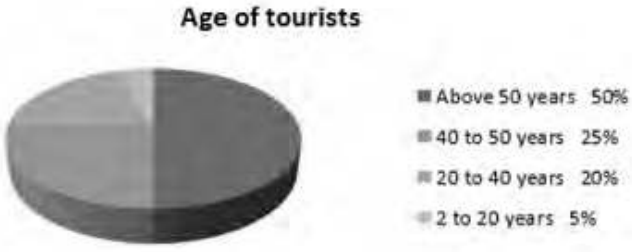
Ans
- ✗ 1. 20 cm
- ✗ 2. 10 cm
- ✗ 3. 80 cm
- ✓ 4. 50 cm

Q.21 If $tanA = \sqrt{2} - 1$ then find the value of $sinAcosA + tanA$.

Ans
- ✗ 1. $\frac{24\sqrt{2} + 15}{4}$
- ✗ 2. $\frac{24\sqrt{2} - 15}{4}$
- ✗ 3. $\frac{5\sqrt{2} + 4}{4}$
- ✓ 4. $\frac{5\sqrt{2} - 4}{4}$

Q.22 Study the given pie charts and answer the question that follows.





Ans
- ✗ 1. 15%
- ✓ 2. 35%
- ✗ 3. 20%
- ✗ 4. 17.5%

CHSL Exam 2024 Tier I (10-07-2024 - 9-00 AM - 10-00 AM)

Q.23 The total number of students in different subjects of a college and percentage of girls and boys are shown in the below table.

Girls students and boys student are NOT having multiple subjects.

Subjects	Number of Students	Girls %	Boys %
Mathematics	840	40	60
Chemistry	220	70	30
Physics	450	30	70
Biology	200	80	20

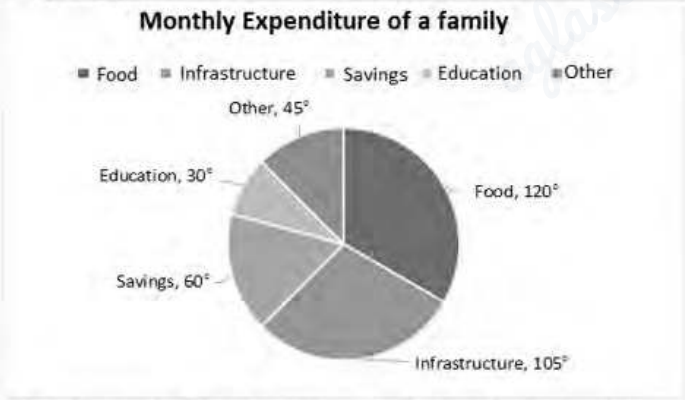
What is the percentage of girl students in the college?

Ans
- ✔ 1. 45.9
- ✘ 2. 46.9
- ✘ 3. 42.9
- ✘ 4. 45.2

Q.24 **A mirror is placed on the ground facing upwards. A man sees the top of a tower in the mirror which is at a distance of 105 m from the mirror. The man is 0.5 m away from the mirror, and his height is 1.5 m. Find the height of the tower (in metres).**

Ans
- ✘ 1. 280
- ✘ 2. 115
- ✔ 3. 315
- ✘ 4. 210

Q.25 The savings and expenditure of a family in a month on different heads is shown in the given pie chart. The family saves ₹8,000 per month.



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

Q.1 **Which of the following teams won the Indian Super League 2022-23?**

Ans
- ✘ 1. Bengaluru FC
- ✘ 2. Mumbai City FC
- ✔ 3. AKT Mohun Bagan
- ✘ 4. Hyderabad FC

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Q.2 **Which of the following statements about Akbar are true?**
1 He introduced the Mansabdari system.
2 He defeated and merged the state of Bijapur in his empire.
3 He made Fatehpur Sikri his capital.

Ans
✗ 1. All 1, 2, 3
✓ 2. Only 1 and 3
✗ 3. Only 2 and 3
✗ 4. Only 1 and 2

Q.3 **A constellation of the northern sky easily recognised by a group of five bright stars forming a slightly irregular 'W' is called:**

Ans
✓ 1. Cassiopeia
✗ 2. Orion
✗ 3. Ursa Major
✗ 4. Cygnus

Q.4 On 2 March 2023, the Supreme Court delivered an order on appointments to the Election Commission. According to this order, appointments will be done under the recommendation of a committee having which of the following members?

Ans
✗ 1.
Prime Minister, Chief Justice of India and Speaker of the Lok Sabha
✗ 2.
Prime Minister, Leader of the opposition and Chairman Rajya Sabha
✓ 3.
Prime Minister, Leader of the opposition and Chief Justice of India
✗ 4.
Prime Minister, Leader of the opposition and Speaker of the Lok Sabha

Q.5 **Which of the following Fundamental Rights is available for Indians as well as foreigners?**

Ans
✗ 1. Right to protection of language, script and culture of minorities
✗ 2. Equality of opportunity in matters of public employment
✗ 3. Right of minorities to establish and administer educational institutions
✓ 4. Right to elementary education

Q.6 **In which year was the National Human Rights Commission established in India?**

Ans
✗ 1. 2003
✗ 2. 1995
✓ 3. 1993
✗ 4. 2005

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Q.7 Consider the following:

Which of the following reasons may be considered as India's pull factors for migration?

1) Labour demand

2) Natural disaster

3) Protection of human and civil rights

4) High consumption and living standards

Ans

✗ 1. Both 1 and 4

✗ 2. Only 2

✓ 3. Only 1, 3 and 4

✗ 4. Only 2, 3 and 4

Q.8 What is the duration of International hockey match?

Ans

✗ 1. 55 min

✗ 2. 50 min

✓ 3. 60 min

✗ 4. 70 min

Q.9 Which of the following statements is INCORRECT about the Music of India?

Ans

✗ 1. Tala is a cyclic arrangement of time units.

✗ 2. The sruti is a unit of measure or small difference between the various consecutive pitches within a grama or a scale.

✗ 3. A raga is believed to have started as a tribal or folk tune.

✓ 4. The musical instrument Kamaicha is majorly used by the 'Manganiar' Community of Manipur as a popular accompaniment to their songs

Q.10 The Himalayas' outermost range is called _____.

Ans

✓ 1. Shiwaliks

✗ 2. Kanchenjunga

✗ 3. Dhaula Dhar

✗ 4. Pir Panjal

Q.11 Which of the following is NOT a characteristics of the National Investment and Manufacturing Zones (NIMZs) of India?

Ans

✗ 1. A special purpose vehicle will be constituted to take care of the functioning of NIMZs.

✗ 2. The state government will provide power connectivity, water and other infrastructural facilities.

✓ 3. It prescribes a minimum area of 10000 hectares for establishing NIMZs.

✗ 4. At least 30% of the total land area proposed for the NIMZ is to be utilized for manufacturing units.

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Q.12 **In MS Word, which icon from the icons below the Menu Bar is commonly used to save the current document?**

Ans
- ✗ 1. The undo icon
- ✗ 2. The envelope icon
- ✗ 3. The printer icon
- ✓ 4. The floppy disk icon

Q.13 **Which revolutionary organisation was established at Feroz Shah Kotla in New Delhi in 1928?**

Ans
- ✗ 1. Indian Home Rule Society
- ✓ 2. Hindustan Socialist Republican Association
- ✗ 3. Swadesh Bandhab Samiti
- ✗ 4. Bharat Naujawan Sabha

Q.14 **Which of the following is/are an example of public goods?**
a) Defense
b) House

Ans
- ✗ 1. Both a and b
- ✗ 2. Only b
- ✗ 3. Neither a nor b
- ✓ 4. Only a

Q.15 **Which of the following persons was appointed Chairman of the Second National Judicial Pay Commission?**

Ans
- ✓ 1. Justice PV Reddi
- ✗ 2. Justice JS Verma
- ✗ 3. Justice R Basant
- ✗ 4. Justice AS Anand

Q.16 Which of the following states is famous for celebrating the festival of Vijaya Dashami, which marks the end of Durga Puja?

Ans
- ✓ 1. West Bengal
- ✗ 2. Rajasthan
- ✗ 3. Telengna
- ✗ 4. Chhattisgarh

Q.17 **In addition to using the arrow keys and mouse clicks, what other method can be used to move around a table in Microsoft Word?**

Ans
- ✗ 1. Pressing the 'Ctrl' key and clicking on the cell
- ✓ 2. Pressing the 'Enter' key or using the scroll wheel
- ✗ 3. Using the Tab key or double-clicking on the cell
- ✗ 4. Right-clicking on the cell and selecting 'Move to Next Cell'

Q.18 **Where is the renowned Bhatkhande music institute located?**

Ans
- ✗ 1. Chennai
- ✓ 2. Lucknow
- ✗ 3. Surat
- ✗ 4. Madurai

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Q.19 **In which year did the Bhopal gas tragedy occur?**

Ans
- ✔ 1. 1984
- ✘ 2. 1982
- ✘ 3. 1988
- ✘ 4. 1985

Q.20 **Which of the following Amendment Acts led to the insertion of Article 21 A?**

Ans
- ✘ 1. Eighty-seventh Amendment Act, 2003
- ✘ 2. Eighty-fourth Amendment Act, 2002
- ✔ 3. Eighty-sixth Amendment Act, 2002
- ✘ 4. Eighty-fifth Amendment Act, 2002

Q.21 Rukmini Devi Arundale is associated with which art form?

Ans
- ✔ 1. Dance
- ✘ 2. Kalaripayattu
- ✘ 3. Mural
- ✘ 4. Painting

Q.22 **In which of the following states is the Sanchi Stupa UNESCO world heritage site located?**

Ans
- ✔ 1. Madhya Pradesh
- ✘ 2. Rajasthan
- ✘ 3. Bihar
- ✘ 4. Punjab

Q.23 **In 1812, who described the hypothesis that equal volumes of different gases contain an equal number of molecules?**

Ans
- ✘ 1. John Dalton
- ✘ 2. Albert Einstein
- ✘ 3. James Watt
- ✔ 4. Amedeo Avogadro

Q.24 **National Sports Day is celebrated on the birthday of _____.**

Ans
- ✘ 1. Kapil Dev
- ✘ 2. Roop Singh
- ✔ 3. Major Dhyan Chand
- ✘ 4. MS Dhoni

Q.25 **Identify a carbohydrate but does not fit into the definition.**

Ans
- ✘ 1. Maltose
- ✘ 2. Sucrose
- ✘ 3. Fructose
- ✔ 4. Rhamnose