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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	02 Jul	Shift 1

CHSL Exam 2024 Tier I (02-07-2024 - 9-00 AM - 10-00 AM)

Combined Higher Secondary Level Examination 2024 Tier I

Venue Name	
Exam Date	02/07/2024
Exam Time	9:00 AM - 10:00 AM
Subject	CHSL Exam 2024 Tier I

Q.1 **The given sentence is divided into four segments. Select the option that has the segment with a grammatical error.**
He organises / a children's fair every year / and his friends comes / to attend it.

Ans
✗ 1. to attend it.
✓ 2. and his friends comes
✗ 3. He organises
✗ 4. a children's fair every year

Q.2 **The following sentence has been divided into four segments. Identify the segment that contains an error.**

They have decided / to wind out / their business / without delay.

Ans
✗ 1. They have decided
✓ 2. to wind out
✗ 3. their business
✗ 4. without delay.

Q.3 **Select the option that corrects the following sentence.**
All the workers have called of the strike.

Ans
✗ 1. All the workers have called between the strike.
✓ 2. All the workers have called off the strike.
✗ 3. All the workers have called through the strike.
✗ 4. All the workers have called at the strike.

Q.4 **The underlined phrase in the given sentence has been used incorrectly. Select the option that can correctly replace the underlined segment.**

Samita <u>asked out</u> a favour of going early today.

Ans
✓ 1. asked for
✗ 2. asked over
✗ 3. asked around
✗ 4. asked after

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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.
(1)_____ health benefits, including protection from cardiovascular disease and cancer, have been (2)_____ to antioxidants; however, according to dietitian Vinson, these benefits depend on how well antioxidants are absorbed and (3)_____ by the body. According to the study, coffee has more antioxidant power than other well-known foods and drinks, like tea, milk, chocolate, and cranberries. Dates had the highest antioxidants per serving out of all the foods and drinks (4)_____, but because dates are not consumed to the same extent as coffee, the latter comes out on (5)_____, according to Vinson.

SubQuestion No : 5

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

Ans
✗ 1. Limited
✗ 2. Countable
✗ 3. Few
✓ 4. Numerous

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.
(1)_____ health benefits, including protection from cardiovascular disease and cancer, have been (2)_____ to antioxidants; however, according to dietitian Vinson, these benefits depend on how well antioxidants are absorbed and (3)_____ by the body. According to the study, coffee has more antioxidant power than other well-known foods and drinks, like tea, milk, chocolate, and cranberries. Dates had the highest antioxidants per serving out of all the foods and drinks (4)_____, but because dates are not consumed to the same extent as coffee, the latter comes out on (5)_____, according to Vinson.

SubQuestion No : 6

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

Ans
✗ 1. negative
✓ 2. attributed
✗ 3. similar
✗ 4. parallel

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.
(1)_____ health benefits, including protection from cardiovascular disease and cancer, have been (2)_____ to antioxidants; however, according to dietitian Vinson, these benefits depend on how well antioxidants are absorbed and (3)_____ by the body. According to the study, coffee has more antioxidant power than other well-known foods and drinks, like tea, milk, chocolate, and cranberries. Dates had the highest antioxidants per serving out of all the foods and drinks (4)_____, but because dates are not consumed to the same extent as coffee, the latter comes out on (5)_____, according to Vinson.

SubQuestion No : 7

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

Ans
✗ 1. rejected
✓ 2. utilised
✗ 3. impede
✗ 4. hinder

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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.
(1)_____ health benefits, including protection from cardiovascular disease and cancer, have been (2)_____ to antioxidants; however, according to dietitian Vinson, these benefits depend on how well antioxidants are absorbed and (3)_____ by the body. According to the study, coffee has more antioxidant power than other well-known foods and drinks, like tea, milk, chocolate, and cranberries. Dates had the highest antioxidants per serving out of all the foods and drinks (4)_____, but because dates are not consumed to the same extent as coffee, the latter comes out on (5)_____, according to Vinson.

SubQuestion No : 8

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

Ans
✗ 1. synthesised
✗ 2. assimilated
✓ 3. analysed
✗ 4. consumed

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.
(1)_____ health benefits, including protection from cardiovascular disease and cancer, have been (2)_____ to antioxidants; however, according to dietitian Vinson, these benefits depend on how well antioxidants are absorbed and (3)_____ by the body. According to the study, coffee has more antioxidant power than other well-known foods and drinks, like tea, milk, chocolate, and cranberries. Dates had the highest antioxidants per serving out of all the foods and drinks (4)_____, but because dates are not consumed to the same extent as coffee, the latter comes out on (5)_____, according to Vinson.

SubQuestion No : 9

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

Ans
✓ 1. top
✗ 2. bottom
✗ 3. below
✗ 4. lowest

Q.10 Select the INCORRECTLY spelt word.

Ans
✗ 1. stationery
✓ 2. marijuena
✗ 3. lascivious
✗ 4. dictator

Q.11 Select the most appropriate ANTONYM of the underlined word in the sentence.
He laboured very hard but could not yield anything from the <u>barren</u> piece of land.

Ans
✗ 1. Fruitless
✗ 2. Sterile
✓ 3. Fertile
✗ 4. Vile

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Q.12 **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'.**

A soldier of the tenth legion leaped into the water as soon as the ship touches the shore.

Ans
- ✔ 1. the ship touched the shore
- ✘ 2. the ship touch the shore
- ✘ 3. No substitution required
- ✘ 4. the ship was touch the shore

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

Ans
- ✘ 1. Dumb
- ✘ 2. Unskilled
- ✘ 3. Chatty
- ✔ 4. Qualified

Q.14 **Select the most appropriate ANTONYM of the underlined word in the given sentence.**
The dearth of governmental policies on the basic rights and comforts of the impaired population leads to low standard of public life in a country.

Ans
- ✘ 1. Lacunae
- ✔ 2. Abundance
- ✘ 3. Brevity
- ✘ 4. Paucity

Q.15 **Select the most appropriate synonym of the given word.**
Wonderful

Ans
- ✘ 1. Synthetic
- ✔ 2. Amazing
- ✘ 3. Awful
- ✘ 4. Upright

Q.16 **Select the most appropriate connotation to fill in the blank.**
I always love the _____ of my mother's cooking.

Ans
- ✘ 1. perfume
- ✘ 2. stench
- ✔ 3. aroma
- ✘ 4. scent

Q.17 **Select the most appropriate ANTONYM of the given word.**
Enemy

Ans
- ✘ 1. Attacker
- ✘ 2. Colleague
- ✘ 3. Combatant
- ✔ 4. Friend

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Q.18 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**
We feel <u>warm on</u> the subject

Ans
✔ 1. warmly about
✘ 2. warmed on
✘ 3. warmer on
✘ 4. warming about

Q.19 **Select the most appropriate ANTONYM of the underlined word.**
My parents have a <u>fertile</u> land in the backyard.

Ans
✘ 1. Timid
✘ 2. Potent
✔ 3. Barren
✘ 4. Scanty

Q.20 **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 plum tree in our garden <u>is cover in</u> blossoms, as are the trees outside my office window.

Ans
✘ 1. is covering at
✔ 2. is covered in
✘ 3. are cover at
✘ 4. No substitution required

Q.21 **Read the given sentence carefully. Change the meaning of the sentence by replacing the underlined word with its ANTONYM from the following options.**
The <u>equivocal</u> tone of the Prime Minister in his speech caused uproar in the chamber.

Ans
✘ 1. iffy
✘ 2. conflicting
✘ 3. irresolute
✔ 4. explicit

Q.22 **Select the most appropriate meaning of the given idiom.**
Put in mind

Ans
✘ 1. To forget
✘ 2. To understand
✘ 3. To calculate
✔ 4. To remind

Q.23 **Select the most appropriate option that can substitute the underlined segment in the given sentence.**

The dictator ordered the traitor <u>were</u> jailed.

Ans
✘ 1. might
✘ 2. is
✘ 3. was
✔ 4. to be

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Q.24 **Select the most appropriate meaning of the given idiom.**
Dog eat dog

Ans
✗ 1. Like-minded people connect better
✗ 2. Tit for tat
✗ 3. Being calculative
✓ 4. Ruthlessly competitive

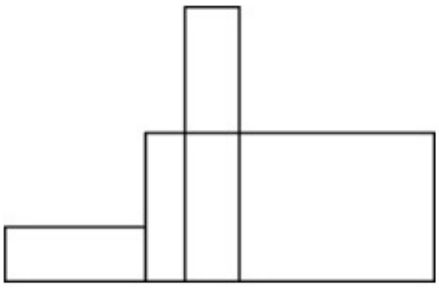
Q.25 **Select the correctly spelt word.**

Ans
✗ 1. Illuseon
✗ 2. Illuzion
✓ 3. Illusion
✗ 4. Ilusion

Q.1 **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.)
Plain : Austere

Ans
✗ 1. Lonely : Gloomy
✗ 2. Neutral : Detached
✗ 3. Abandon : Barren
✓ 4. Clean : Sterile

Q.2 **What is the maximum number of rectangles in the given figure?**



Ans
✗ 1. 12
✓ 2. 9
✗ 3. 10
✗ 4. 8

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Q.3 **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 journals are books.
Some books are fans.
All fans are wood.
Conclusion (I): Some journals are wood.
Conclusion (II): Some fans are books.

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

Q.4 **The position of how many letters will remain unchanged if each of the letters in the word 'ABDUCTS' is arranged in English alphabetical order?**

Ans
✗ 1. Two
✗ 2. Four
✗ 3. More than four
✓ 4. Three

Q.5 **If 9 March 2007 was Friday, then what was the day of the week on 13 March 2012?**

Ans
✗ 1. Wednesday
✗ 2. Monday
✗ 3. Thursday
✓ 4. Tuesday

Q.6 **'A × B' means 'A is B's brother'.**
'A ÷ B' means 'A is B's sister'.
'A + B' means 'A is B's father'.
'A – B' means 'A is B's mother'.
Using the same meaning of the mathematical operators as given above, which of the following means 'X is Z's mother's father'?

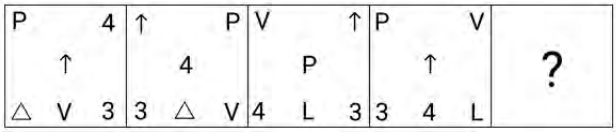
Ans
✗ 1. X + Y × Z
✓ 2. X + Y – Z
✗ 3. X × Y + Z
✗ 4. X – Y + Z

Q.7 In a certain code language, 'MONEY' is coded as '64381' and 'HONEY' is coded as '54381'. What is the code for 'H' in that language?

Ans
✗ 1. 4
✗ 2. 6
✗ 3. 8
✓ 4. 5

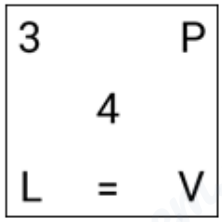
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Q.8 Identify the figure given in the options that when put in place of the question mark (?) will logically complete the series.



Ans

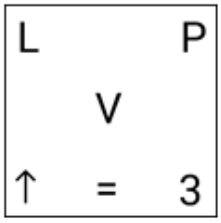
✗ 1.



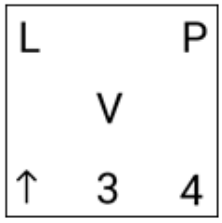
✗ 2.



✓ 3.

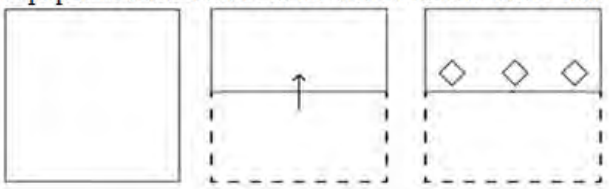


✗ 4.



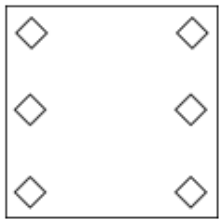
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Q.9 A paper is folded and cut as shown below. How will it appear when unfolded?

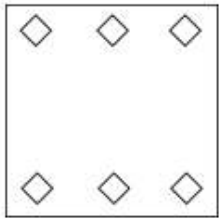


Ans

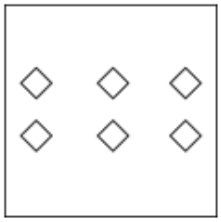
✗ 1.



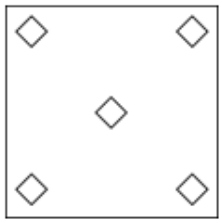
✗ 2.



✓ 3.



✗ 4.



Q.10 **What should come in place of the question mark (?) to complete the following letter-cluster series?**
BDC, EGF, HJI, ?

Ans

✗ 1. KLN

✗ 2. KLM

✗ 3. LMN

✓ 4. KML

Q.11 What should come in place of the question mark (?) in the given series?
131, 263, 527, 1055, ?

Ans

✗ 1. 1121

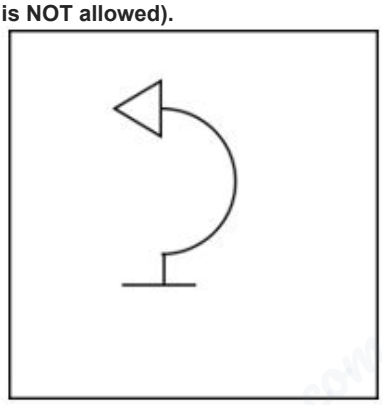
✗ 2. 1211

✓ 3. 2111

✗ 4. 2121

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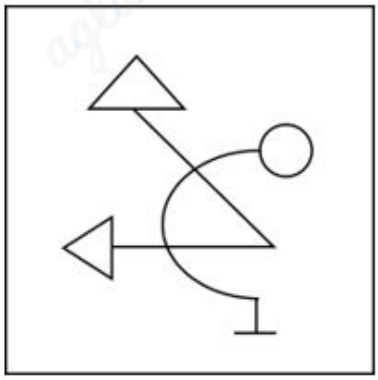
Q.12 Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).



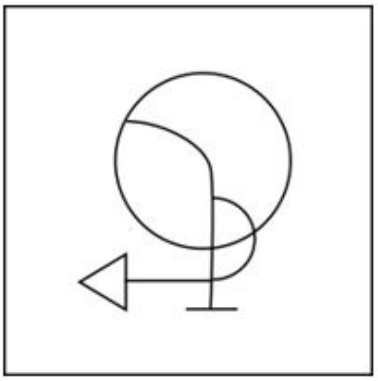
(X)

Ans

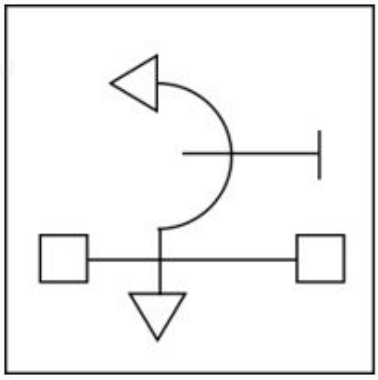
✗ 1.



✗ 2.

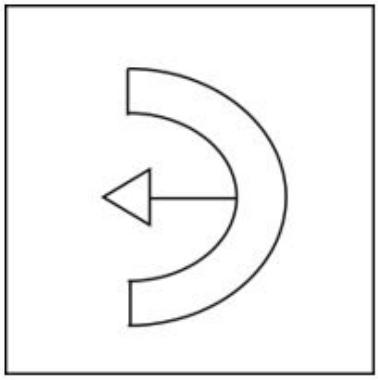


✓ 3.



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✗ 4.



Q.13 Which of the following numbers will replace the question mark (?) in the given series?

6, 16, 36, 76, ? , 316

Ans

✗ 1. 152

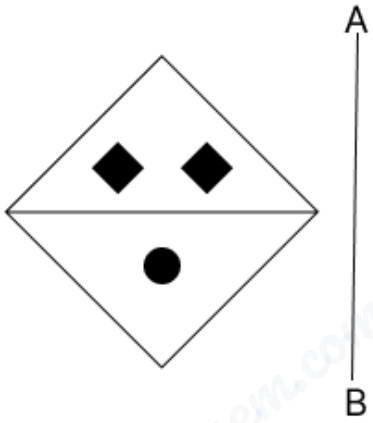
✗ 2. 168

✗ 3. 146

✓ 4. 156

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Q.14 Select the correct mirror image of the given figure when the mirror is placed at AB as shown below.

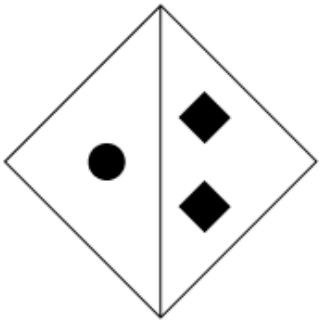


Ans

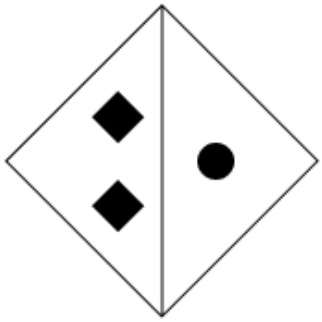
✗ 1.



✗ 2.



✗ 3.



✓ 4.



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

$80 + 18 \times 3 \div 5 - 23 = ?$

Ans
1. 80
2. 88
3. 85
4. 73 ✓

Q.16 What should come in place of the question mark (?) in the given series?

8, 21, 34, 47, 60, ?

Ans
1. 71
2. 72
3. 70
4. 73 ✓

Q.17 **Which two numbers should be interchanged to make the given equation correct?**

45 ÷ 3 + 12 × 9 – 15 + 2 × 5 = 36

(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. 3 and 9 ✓
2. 2 and 9
3. 5 and 3
4. 12 and 5

Q.18 Select the pair which follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern.

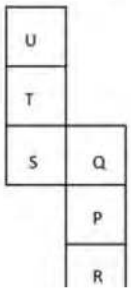
PTL : NRJ

AEX : YCV

Ans
1. BTM : DVO
2. ABC : ZTS
3. TVN : RTL ✓
4. GIF : FIG

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Q.19 What would be the letter on the opposite side of 'R' if the given sheet is folded to form a cube?



Ans
- ✗ 1. S
- ✗ 2. U
- ✓ 3. Q
- ✗ 4. T

Q.20 **5 is related to 27 by certain logic. Following the same logic, 7 is related to 51. To which of the following is 4 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/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. 64
- ✗ 2. 37
- ✗ 3. 15
- ✓ 4. 18

Q.21 **In a certain code language, 'art of war' is coded as 'gb pr ml' and 'the lost art' is coded as 'ml sj ak'. How is 'art' coded in the given language?**

Ans
- ✗ 1. ak
- ✗ 2. gb
- ✗ 3. pr
- ✓ 4. ml

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 their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(6, 12, 3)
(10, 20, 5)

Ans
- ✓ 1. (14, 28, 7)
- ✗ 2. (14, 28, 9)
- ✗ 3. (21, 28, 7)
- ✗ 4. (14, 21, 7)

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Q.23 **Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the one that is different.**
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster.)

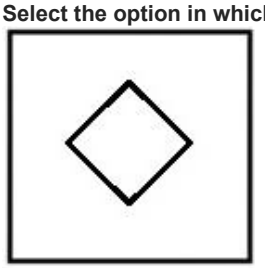
Ans
✗ 1. LQO
✗ 2. XCA
✓ 3. PTV
✗ 4. EJH

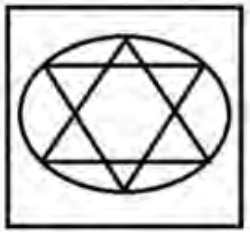
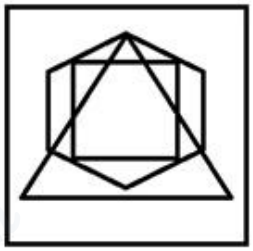
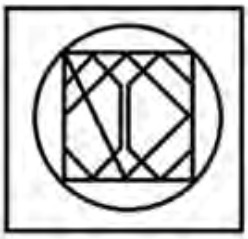
Q.24 What will come in the place of the question mark (?) in the following equation, if '+' and '×' are interchanged and '–' and '÷' are interchanged?

$132 - 12 \times 17 + 3 \div 27 = ?$

Ans
✗ 1. 36
✗ 2. 32
✓ 3. 35
✗ 4. 30

Q.25 **Select the option in which the given figure is embedded (rotation is NOT allowed).**



Ans
✗ 1.

✗ 2.

✗ 3.

✓ 4.


CHSL Exam 2024 Tier I (02-07-2024 - 9-00 AM - 10-00 AM)

Q.1 Twelve men working for 9 hours a day complete a piece of work in 24 days. In how many days can 8 men working for 12 hours a day complete the same piece of work?

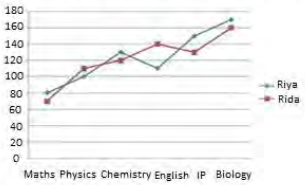
Ans
1. 28 days ✗
2. 27 days ✓
3. 24 days ✗
4. 21 days ✗

Q.2 How much water should be added to 60 liters of milk at $1\frac{1}{2}$ liters a rupee so as to have a mixture worth $1\frac{7}{8}$ liters a rupee?

Ans
1. 15 liters ✓
2. 20 liters ✗
3. 27 liters ✗
4. 12 liters ✗

Q.3 Study the following line graph carefully and answer the question below.

Given graph represents marks obtained by Riya and Rida in six subjects of 12th exam of CBSE. Maximum marks in Maths, Physics and Chemistry is 140 whereas maximum marks in English, IP and Biology is 180.



What is percentage marks obtained by Rida in PCM (Maths, Physics and Chemistry)?

Ans
1. 81.32% ✗
2. 50% ✗
3. 78.57% ✗
4. 71.43% ✓

Q.4 A bank charges simple interest for ₹K at the rate of $r^{\frac{1}{2}}$ for n^2 years. Another bank charges simple interest for ₹L at the rate of $r^{\frac{3}{2}}$ for n^3 years and gives the same interest. The ratio between K and L is:

Ans
1. $r^{\frac{1}{2}} : n^{\frac{1}{2}}$ ✗
2. $\frac{1}{r} : \frac{1}{n}$ ✗
3. $rn : 1$ ✓
4. $r^2 : n^2$ ✗

Q.5 A dozen pairs of gloves of ₹ 180 are available at a discount of 10%. How many pairs of gloves can be bought for ₹ 54?

Ans
1. 2 ✗
2. 8 ✗
3. 6 ✗
4. 4 ✓

CHSL Exam 2024 Tier I (02-07-2024 - 9-00 AM - 10-00 AM)

Q.6 **A boat can travel 60km downstream in 4 hours. If the speed of the boat in still water is 13 km/h, then in what time will it cover 30 km upstream?**

Ans

✗ 1. $3\frac{5}{7}$ hours

✗ 2. $3\frac{4}{7}$ hours

✗ 3. $2\frac{4}{7}$ hours

✓ 4. $2\frac{8}{11}$ hours

Q.7 If the diameter of a hemisphere is 21 cm, then the curved surface area (in cm^2) of the hemisphere is:

Take $\pi = \frac{22}{7}$

Ans

✗ 1. 639

✗ 2. 939

✓ 3. 693

✗ 4. 963

Q.8 **The ratio of a father's age to his son's age is 7 : 4. The product of the numbers representing their ages is 1372. The ratio of their ages after 8 years will be:**

Ans

✗ 1. 19 : 11

✗ 2. 19 : 14

✗ 3. 19 : 13

✓ 4. 19 : 12

Q.9 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 decrease in the production of cars of which types during the period 2018 to 2020?

Ans

✗ 1. B,D

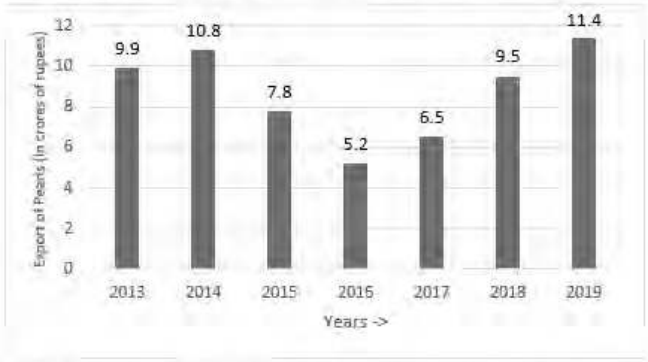
✓ 2. A,B

✗ 3. C,D

✗ 4. B,C

CHSL Exam 2024 Tier I (02-07-2024 - 9-00 AM - 10-00 AM)

Q.10 Study the given bar-graph carefully and answer the question that follows.



In which year was there maximum percentage increase in the export of pearls to

Ans
✔ 1. 2018
✘ 2. 2014
✘ 3. 2019
✘ 4. 2017

Q.11 **During the first year the population of a village increased by 5% and during the second year it diminished by 5%. At the end of the second year its population was 47,880. What was the population at the beginning of the first year?**

Ans
✘ 1. 43500
✘ 2. 53000
✔ 3. 48000
✘ 4. 45000

Q.12 **The capacity of a cylinder tank is 8316 cm^3 . If the radius of its base is 21 cm, then find the depth of the tank.**

Ans
✔ 1. 6 cm
✘ 2. 8 cm
✘ 3. 4 cm
✘ 4. 10 cm

Q.13

What is the value of $\cos(x + y) - \sin(x - y) + \tan(2z)$?

Ans
✘ 1.
$$\cos x \,.\, \cos y - \sin x.\, \sin y - \sin x.\, \cos y - \cos x \,.\, \sin y + \frac{2\tan z}{1-\tan^2 z}$$

✘ 2. $\sin x.\, \sin y + \frac{2\tan z}{1-\tan^2 z}$

✔ 3.
$$\cos x.\cos y - \sin x.\sin y - \sin x.\cos y + \cos x \,.\, \sin y + \frac{2\tan z}{1-\tan^2 z}$$

✘ 4. $\cos x.\cos y - \sin x.\, \sin y - \cos x.\, \sin y + \frac{\tan z}{1-\tan^2 z}$

CHSL Exam 2024 Tier I (02-07-2024 - 9-00 AM - 10-00 AM)

Q.14 **The perimeter of a minor sector of a circle of radius 4 units subtending an angle of 45° is:**

Ans
- ✗ 1. 4 − π units
- ✓ 2. 8 + π units
- ✗ 3. 8 − π units
- ✗ 4. 4 + π units

Q.15 Mahesh's annual salary increased from ₹2,00,000 to ₹2,40,000. Find the percentage increase in the salary.

Ans
- ✗ 1. 24%
- ✗ 2. 18%
- ✓ 3. 20%
- ✗ 4. 22%

Q.16 Simplify: $18 \div (7 \times 2 - 5) \times 5 \times 24 \div 30$

Ans
- ✗ 1. 10
- ✓ 2. 8
- ✗ 3. 0.5
- ✗ 4. 6

Q.17 **The graphs of two linear equations, x + 2y = 15 and 4x + 8y = 13 will be:**

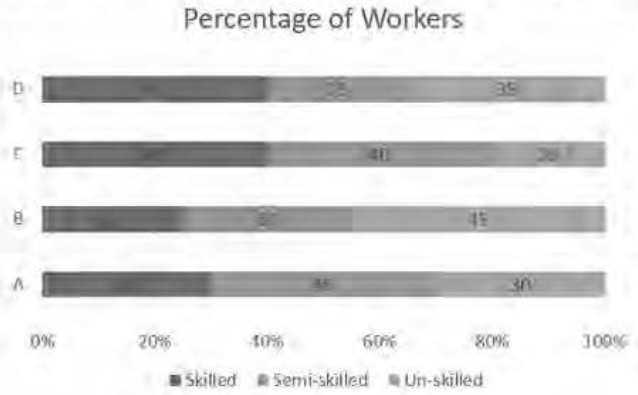
Ans
- ✗ 1. intersecting at one point
- ✓ 2. parallel
- ✗ 3. intersecting at two points
- ✗ 4. coincident

Q.18 **The areas of two similar triangles ΔPQR and ΔXYZ are 12.96 cm^2 and 635.04 cm^2, respectively. If QR = 2.9 cm, then the length (in cm) of YZ equals:**

Ans
- ✗ 1. 23.2
- ✗ 2. 25.2
- ✗ 3. 30.4
- ✓ 4. 20.3

CHSL Exam 2024 Tier I (02-07-2024 - 9-00 AM - 10-00 AM)

Q.19 Study the given graph and select the most appropriate option to fill in the blanks. Consider the percentage of workers in three categories, Skilled, Semi-skilled and Un-skilled in four companies, A, B, C and D in the graph below.



If all the companies have same number of total workers, then the company _____ has the highest number of Un-skilled workers and the company _____

Ans
- ✗ 1. B; C
- ✓ 2. B; B
- ✗ 3. C; C
- ✗ 4. C; B

Q.20 **In ΔABC,XY is drawn parallel to BC, cutting sides at X and Y, where AB = 5.4 cm ,BC = 7.2 cm and BX = 3 cm. What is the length of XY (in cm)?**

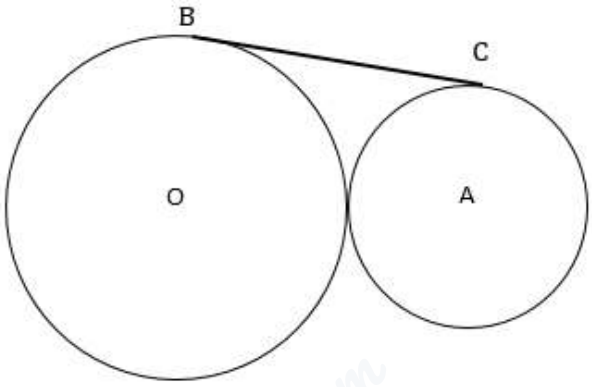
Ans
- ✗ 1. 3.0
- ✗ 2. 2.8
- ✗ 3. 4.3
- ✓ 4. 3.2

Q.21 **How many numbers lie between 2000 and 2020 that are divisible by 8?**

Ans
- ✗ 1. 4
- ✗ 2. 3
- ✓ 3. 2
- ✗ 4. 5

CHSL Exam 2024 Tier I (02-07-2024 - 9-00 AM - 10-00 AM)

Q.22



[Figure is not drawn to scale.]

Two circles touch each other externally as shown in the figure above. The radius of the circle with centre O is 49 cm. The radius of the circle with centre A is 16 cm. Find the length (in cm) of their common tangent BC.

Ans

✔ 1. 56

✘ 2. 58

✘ 3. 57

✘ 4. 55

Q.23 **O is the centre and the arc PQR subtends an angle of 240° at O. PQ is extended to A. Then ∠AQR is:**

Ans

✘ 1. 240°

✘ 2. 60°

✔ 3. 120°

✘ 4. 180°

Q.24 **In a group of 250 persons, 40% are males and 60% are females. If 30 more females join the group, then what will be the percentage of females in the new group? (Correct to 2 decimal places)**

Ans

✘ 1. 90.25%

✘ 2. 62.58%

✔ 3. 64.29%

✘ 4. 72.25%

Q.25 A merchant sold two refrigerators for ₹10,000 each. On one refrigerator, he incurred a 20% loss, and on the other, he gained 20%. What was his profit/loss percentage on the whole transaction?

Ans

✘ 1. Profit of 2%

✘ 2. Loss of 2%

✔ 3. Loss of 4%

✘ 4. Profit of 4%

CHSL Exam 2024 Tier I (02-07-2024 - 9-00 AM - 10-00 AM)

Q.1 On which river in India was the Somasila Dam built?

Ans
- ✗ 1. Krishna river
- ✗ 2. Tapti river
- ✓ 3. Pennar river
- ✗ 4. Sabarmati river

Q.2 What is the name of the centrally sponsored scheme related with literacy that was launched by the Government of India in March 2023?

Ans
- ✓ 1. New India Literacy Programme
- ✗ 2. India Literacy Programme
- ✗ 3. National Literacy Programme
- ✗ 4. Bharat Padhega

Q.3 Which kind of computer security requires verifying the genuineness of the individuals or organisations that want to access a system?

Ans
- ✓ 1. Authentication
- ✗ 2. Non-repudiation
- ✗ 3. Availability
- ✗ 4. Confidentiality

Q.4 Which Clause of Article 20 incorporates the doctrine of double jeopardy?

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

Q.5 _____ is a significant festival of the Parsi people who practice Zoroastrianism as it marks the birth anniversary of Zoroaster.

Ans
- ✓ 1. Khordad Sal
- ✗ 2. Gahambars
- ✗ 3. Pateti
- ✗ 4. Jamshed-e-Navroz

Q.6 By which ministry of Government of India was the Deendayal Antyodaya Yojana started?

Ans
- ✗ 1. Ministry of Corporate affairs
- ✓ 2. Ministry of Rural Development
- ✗ 3. Ministry of Home affairs
- ✗ 4. Ministry of Labour and Employment

Q.7 According to the Census of India-2011, which state has the largest gap between male and female literacy rates?

Ans
- ✗ 1. Andhra Pradesh
- ✗ 2. Assam
- ✓ 3. Rajasthan
- ✗ 4. Karnataka

CHSL Exam 2024 Tier I (02-07-2024 - 9-00 AM - 10-00 AM)

Q.8 **Who among the following was appointed, to the UN tax committee in July 2021, as a member for the 2021 to 2025 term?**

Ans
- ✔ 1. Rasmi Ranjan Das
- ✘ 2. Vivek Singh
- ✘ 3. Vipul Bansal
- ✘ 4. TV Somanathan

Q.9 **The loss of water in the form of water droplets from leaves of plants is called _____.**

Ans
- ✘ 1. Translocation
- ✘ 2. Plasmolysis
- ✘ 3. Pressure gradient
- ✔ 4. Guttation

Q.10 **As per Olympic rules, in the third game, badminton players change ends when a side scores _____ points.**

Ans
- ✘ 1. 15
- ✔ 2. 11
- ✘ 3. 12
- ✘ 4. 13

Q.11 **How many times has India won the South Asian Football Federation (SAFF) Championship as of December 2023?**

Ans
- ✘ 1. 5 times
- ✘ 2. 7 times
- ✘ 3. 6 times
- ✔ 4. 9 times

Q.12 **In MS Word, which feature allows you to create different headers and footers for odd and even pages in a document?**

Ans
- ✔ 1. Different Odd & Even Pages
- ✘ 2. Page Breaks
- ✘ 3. Section Breaks
- ✘ 4. Different First Page

Q.13 **Which theory describes the collective effects of changes in Earth's movements on its climate over thousands of years?**

Ans
- ✔ 1. Milankovitch theory
- ✘ 2. Copernicus' heliocentric theory
- ✘ 3. Plate tectonics theory
- ✘ 4. Continental drift theory

Q.14 **Who is the founder of modern micro finance ?**

Ans
- ✔ 1. Muhammad Yunus
- ✘ 2. Rangarajan
- ✘ 3. YV Reddy
- ✘ 4. VKV Rao

CHSL Exam 2024 Tier I (02-07-2024 - 9-00 AM - 10-00 AM)

Q.15 In which year was tennis included in the Olympic games?

Ans
✗ 1. 1927
✓ 2. 1896
✗ 3. 1935
✗ 4. 1948

Q.16 **How many types of writs can be issued by the Supreme Court to protect the Fundamental Rights of Indian citizens?**

Ans
✗ 1. Four
✗ 2. Seven
✓ 3. Five
✗ 4. Six

Q.17 **Which of the following was the last dynasty of the Vijayanagara Empire?**

Ans
✗ 1. Tuluva dynasty
✗ 2. Saluva dynasty
✗ 3. Sangam dynasty
✓ 4. Aravidu dynasty

Q.18 Match the following musical instruments with the maestros who play them.

a.	Santoor	i.	Bismillah Khan
b.	Sitar	ii.	Ustad Binda Khan
c.	Shehnai	iii.	Pt Shiv Kumar Sharma
d.	Sarangi	iv.	Anushka Shankar

Ans
✗ 1. a-ii, b-iii, c-i, d-iv
✗ 2. a-iv, b-iii, c-ii, d-i
✓ 3. a-iii, b-iv, c-i, d-ii
✗ 4. a-i, b-ii, c-iii, d-iv

Q.19 **Who among the following was primarily an integral part of the Indian National Army (INA)?**

Ans
✗ 1. Rabindranath Tagore
✓ 2. Subhas Chandra Bose
✗ 3. Chittaranjan Das
✗ 4. Abanindranath Tagore

Q.20 **PC Mahalanobis is remembered as a major contributor of India's developmental path because he _____.**
(A)set up Indian Institutes of Management located in different parts of India
(B)formulated the Second Five-Year Plan
(C)was the first Minister of Statistics and Programme Implementation

Ans
✗ 1. Only (A) and (C) are true
✓ 2. Only (B) is true
✗ 3. Only (A) and (B) are true
✗ 4. Only (A) is true

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CHSL Exam 2024 Tier I (02-07-2024 - 9-00 AM - 10-00 AM)

Q.21 A _____ is a cloud of dust and gas inside a galaxy.

Ans
- ✗ 1. black hole
- ✗ 2. photosphere
- ✓ 3. nebula
- ✗ 4. chromosphere

Q.22 In 2023, Gulab Chand Kataria became the Governor of which of the following states?

Ans
- ✗ 1. Himachal Pradesh
- ✓ 2. Assam
- ✗ 3. Tamil Nadu
- ✗ 4. Odisha

Q.23 Who among the following is a famous classical dancer?

Ans
- ✗ 1. S Janaki
- ✓ 2. Sonal Mansingh
- ✗ 3. Asha Bhosle
- ✗ 4. Pratibha Ray

Q.24 Which of the following types of crops are sown after the end of the monsoon season?

Ans
- ✗ 1. Kharif crops
- ✗ 2. Zaid crops
- ✓ 3. Rabi crops
- ✗ 4. Vital crops

Q.25 Match List-I (Name of the composition) with List-II (Writer).

List-I (Name of the Composition)		List-II (Writer)	
1.	Vande Mataram	A.	Pradeep
2.	Jana Gana Mana	B.	Bankim Chandra Chattopadhyay
3.	Ae Mere Watan Ke Logon	C.	Rabindranath Tagore

Ans
- ✗ 1. 1-C, 2-A, 3-B
- ✓ 2. 1-B, 2-C, 3-A
- ✗ 3. 1-C, 2-B, 3-A
- ✗ 4. 1-A, 2-B, 3-C