

Combined Higher Secondary Level Examination 2024 Tier I

Exam Date	05/07/2024
Exam Time	5:15 PM - 6:15 PM
Subject	CHSL Exam 2024 Tier I

Section : English Language

Q.1 Select the most appropriate option to fill in the blank.
He _____ the truth.

- Ans**
- ☐ 1. spoken
 - ☐ 2. speaking
 - ☒ 3. spoke
 - ☐ 4. speak

Q.2 The following sentence has been divided into four segments. Identify the segment in which the article has been used **INCORRECTLY**.
Ms. Rose is a / sweetest of / all the girls / in the class.

- Ans**
- ☐ 1. sweetest of
 - ☐ 2. all the girls
 - ☐ 3. in the class.
 - ☒ 4. Ms. Rose is a

Q.3 The following sentence has been divided into four segments. Identify the segment that contains a grammatical error.
The shop / usually opened / ten minutes / late.

- Ans**
- ☒ 1. usually opened
 - ☐ 2. late.
 - ☐ 3. The shop
 - ☐ 4. ten minutes

Q.4 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
I am going / to buy a red car / with a leather seats / and a sunroof.

- Ans**
- ☐ 1. I am going
 - ☐ 2. and a sunroof
 - ☐ 3. to buy a red car
 - ☒ 4. with a leather seats

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.

Today, lets explore the significant role of human beings in shaping the world as we know it. Can you 1. _____ a world without human beings? Who would have 2. _____ the resources and created social and cultural environment? The people are 3. _____ to develop the economy and the society. The people make and use resources and are themselves resources with 4. _____ quality. Coal is but a piece of rock, until people were able to 5. _____ technology to obtain it and make it a 'resource'.

SubQuestion No : 5

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

- Ans**
- ☒ 1. ignore
 - ☒ 2. fabricate
 - ☒ 3. neglect
 - ☒ 4. imagine

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.

Today, lets explore the significant role of human beings in shaping the world as we know it. Can you 1. _____ a world without human beings? Who would have 2. _____ the resources and created social and cultural environment? The people are 3. _____ to develop the economy and the society. The people make and use resources and are themselves resources with 4. _____ quality. Coal is but a piece of rock, until people were able to 5. _____ technology to obtain it and make it a 'resource'.

SubQuestion No : 6

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

- Ans**
- ☒ 1. broken
 - ☒ 2. destroyed
 - ☒ 3. crippled
 - ☒ 4. utilised

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.

Today, lets explore the significant role of human beings in shaping the world as we know it. Can you 1. _____ a world without human beings? Who would have 2. _____ the resources and created social and cultural environment? The people are 3. _____ to develop the economy and the society. The people make and use resources and are themselves resources with 4. _____ quality. Coal is but a piece of rock, until people were able to 5. _____ technology to obtain it and make it a 'resource'.

SubQuestion No : 7

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

- Ans**
- ☒ 1. crucial
 - ☒ 2. frantic
 - ☒ 3. hopeful
 - ☒ 4. hasty

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.

Today, lets explore the significant role of human beings in shaping the world as we know it. Can you 1. _____ a world without human beings? Who would have 2. _____ the resources and created social and cultural environment? The people are 3. _____ to develop the economy and the society. The people make and use resources and are themselves resources with 4. _____ quality. Coal is but a piece of rock, until people were able to 5. _____ technology to obtain it and make it a 'resource'.

SubQuestion No : 8

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

- Ans**
- ☒ 1. deviating
 - ☒ 2. alternating
 - ☒ 3. inconstant
 - ☒ 4. varying

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.

Today, let's explore the significant role of human beings in shaping the world as we know it. Can you 1. _____ a world without human beings? Who would have 2. _____ the resources and created social and cultural environment? The people are 3. _____ to develop the economy and the society. The people make and use resources and are themselves resources with 4. _____ quality. Coal is but a piece of rock, until people were able to 5. _____ technology to obtain it and make it a 'resource'.

SubQuestion No : 9

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

- Ans**
- ☐ 1. fashion
 - ☐ 2. mint
 - ☒ 3. invent
 - ☐ 4. open

Q.10 Identify the most appropriate ANTONYM of the underlined word in the given sentence.
His joyial nature has won him many friends.

- Ans**
- ☐ 1. Shrewd
 - ☒ 2. Miserable
 - ☐ 3. Dumb
 - ☐ 4. Cunning

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

Lazy

- Ans**
- ☐ 1. Barren
 - ☐ 2. Helpful
 - ☒ 3. Diligent
 - ☐ 4. Genuine

Q.12 Select the most appropriate meaning of the given idiom.

Spill the beans

- Ans**
- ☐ 1. To help someone extraordinarily
 - ☒ 2. To leak a secret
 - ☐ 3. The act of loving beans
 - ☐ 4. Cook the beans carefully

Q.13 Identify the most appropriate meaning of the given word.
Accept

- Ans**
- ☒ 1. Agree
 - ☐ 2. Refuse
 - ☐ 3. Present
 - ☐ 4. Regret

Q.14 Select the most appropriate ANTONYM of the word 'Plausible' from the given sentence.
The trend of improvement is unlikely to continue for the foreseeable future.

- Ans**
- ☒ 1. unlikely
 - ☐ 2. trend
 - ☐ 3. foreseeable
 - ☐ 4. future

Q.15 Select the most appropriate option to fill in the blank.

The grass on my lawn is glistening with the morning_____.

- Ans**
- ☒ 1. duo
 - ☐ 2. due
 - ☒ 3. dew
 - ☐ 4. do

Q.16 Select the most appropriate option that can substitute the underlined segment in the given sentence.
Vihaan is clumsy at dancing.

- Ans**
- ☒ 1. all thumbs
 - ☐ 2. easy handed
 - ☐ 3. master skill
 - ☐ 4. heavy duty

Q.17 Select the option to fill in the blank with the most appropriate collocation.
In boarding schools, students need to _____ by themselves.

- Ans**
- ☐ 1. wash the bed
 - ☐ 2. turn the bed
 - ☒ 3. make the bed
 - ☐ 4. run the bed

Q.18 Select the INCORRECTLY spelt word.

- Ans**
- ☒ 1. Scatered
 - ☐ 2. Brazen
 - ☐ 3. Crowded
 - ☐ 4. Imprudent

Q.19 Select the most appropriate option that can substitute the underlined segment in the following sentence.
Play cards is not allowed here

- Ans**
- ☐ 1. Play card
 - ☐ 2. Played cards
 - ☒ 3. Playing cards
 - ☐ 4. Playing card

Q.20 Identify the correct spelling of the underlined word.
The police issued a varant to the criminals.

- Ans**
- ☐ 1. Warant
 - ☐ 2. Varrant
 - ☐ 3. Warent
 - ☒ 4. Warrant

Q.21 Select the most appropriate synonym of the given word.
Change

- Ans**
- ☐ 1. Resolute
 - ☐ 2. Renew
 - ☐ 3. Adjust
 - ☒ 4. Alter

Q.22 Select the most appropriate option to substitute the underlined segment in the following sentence.
There was a noise that was wake me up.

- Ans**
- ☐ 1. woken me up
 - ☒ 2. has woke me up
 - ☐ 3. woke me up
 - ☐ 4. wakes me up

Q.23 Select the most appropriate ANTONYM of the given word.

Absurd

- Ans**
- ☒ 1. Reasonable
 - ☐ 2. Foolish
 - ☐ 3. Nonsensical
 - ☐ 4. Insane

Q.24 Read the sentence carefully and select the most appropriate option to substitute the underlined part.

The crux of the study has been delineated by the researcher.

- Ans**
- ☐ 1. relevant part
 - ☐ 2. fixed limitation
 - ☐ 3. collected data
 - ☒ 4. central point

Q.25 Select the most appropriate meaning of the underlined idiom in the given sentence.
When I got an opportunity to start a new business, Ravikanth queered my pitch.

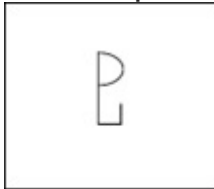
- Ans**
- ☐ 1. Supported me with money
 - ☐ 2. Helped me by standing beside me
 - ☒ 3. Ruined my plan
 - ☐ 4. Advised me

Section : General Intelligence

Q.1 In a certain code language, 'sanitiser saves us' is written as 'ra kl mq' and 'let us go' is written as 'kl mt ax'. How is 'us' written in the given language?

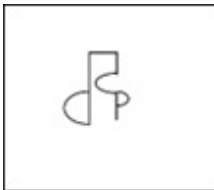
- Ans**
- ☐ 1. mt
 - ☐ 2. ra
 - ☒ 3. kl
 - ☐ 4. mq

Q.2 Select the option in which the given figure is embedded (rotation is not allowed).



Ans

✗ 1.



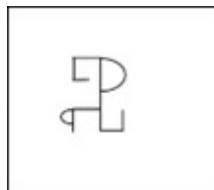
✗ 2.



✗ 3.



✓ 4.



Q.3 The position of how many letters will remain unchanged if all the letters in the word HARMONY are arranged in alphabetical order?

- Ans
- ✗ 1. Four
 - ✗ 2. Three
 - ✓ 3. Two
 - ✗ 4. One

Q.4 CKMZ is related to VDFS in a certain way based on the English alphabetical order. In the same way, LPBV is related to EIUO. To which of the following is UXBN related, following the same logic?

- Ans
- ✗ 1. NGUQ
 - ✗ 2. NGQU
 - ✓ 3. NQUG
 - ✗ 4. NQGU

Q.5 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some movies are videos.

No video is audio.

All audios are songs.

Conclusions:

(I) All movies can never be audios.

(II) No video is a song.

- Ans
- ✗ 1. None of the conclusions follow
 - ✗ 2. Only conclusion II follows
 - ✓ 3. Only conclusion I follows
 - 4. Both conclusions I and II follow

Q.6 In a certain code language, 'WILT' is coded as '6194' and 'SLIT' is coded as '9413'. What is the code for 'S' in the given code language?

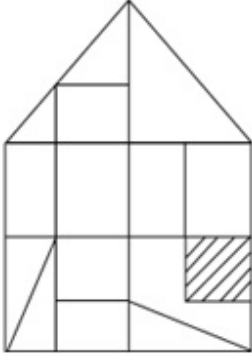
Ans 1.4

X 2.9

X 3.1

✓ 4.3

Q.7 How many triangles are there in the given figure?



Ans 1.18

X 2.15

X 3.17

✓ 4. 16

Q.8 What should come in place of ? in the given series?

251, 268, 285, 302, 319 ?

Ans 1.306

X 2.315

X 3.326

✓ 4. 336

Q.9 Which letter-cluster will replace the question mark (?) to complete the given series?
GLYC, FNVG, ?, DRPO, CTMS

Ans 1. EQRK

✓ 2. EPSK

X 3. EPRJ

X 4. EQSJ

Q.10 84 is related to 21 following a certain logic. Following the same logic, 180 is related to 45. To which of the following is 252 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 1.63

X 2.67

X 3.61

X 4.65

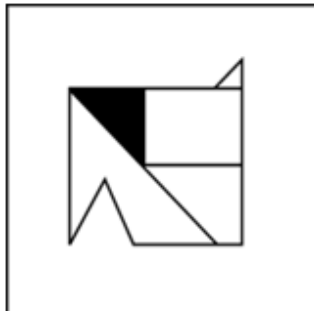
Q.11 Select the option in which the given figure X is embedded (rotation is NOT allowed).



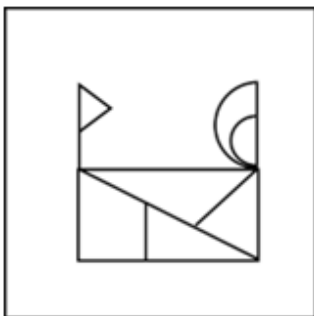
(X)

Ans

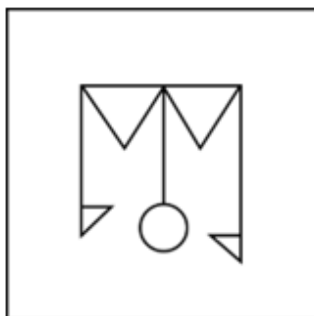
✗ 1.



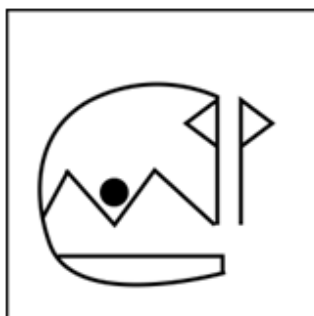
✗ 2.



✗ 3.



✓ 4.



Q.12 Which of the following numbers will replace the question mark (?) in the given series?
876 865 832 733 ?

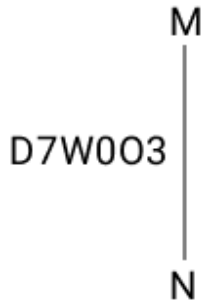
Ans ✗ 1. 446

✗ 2. 453

✗ 3. 426

4.

Q.13 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans
- ☒ 1. Ɔ00W7D
 - ☐ 2. D1M003
 - ☐ 3. D7W003
 - ☐ 4. Ɔ00M7D

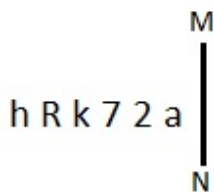
Q.14 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(4, 16, 32)
(6, 36, 72)

- Ans
- ☐ 1. (9, 81, 164)
 - ☐ 2. (9, 27, 162)
 - ☒ 3. (9, 81, 162)
 - ☐ 4. (9, 81, 160)

Q.15 What will be the day on 31 December 2006 if 1 January 2006 is a Wednesday?

- Ans
- ☐ 1. Thursday
 - ☐ 2. Monday
 - ☒ 3. Wednesday
 - ☐ 4. Friday

Q.16 Select the correct mirror image of the given figure when the mirror is placed at MN.



- Ans
- ☐ 1. Ɔ 2 7 k R h
 - ☒ 2. Ɔ 2 7 k R h
 - ☐ 3. e 2 7 k R h
 - ☐ 4. Ɔ 2 7 k R h

Q.17 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?

$$321 \text{ A } 3 \text{ C } 11 \text{ B } 10 \text{ D } 19 = ?$$

- Ans
- ☒ 1. 198
 - ☐ 2. 188
 - ☐ 3. 168
 - ☐ 4. 178

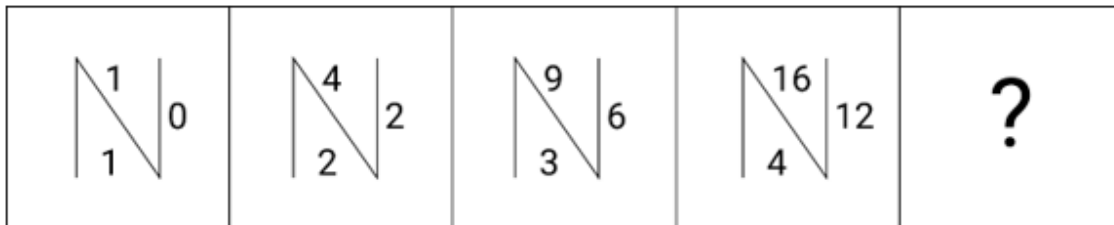
Q.18

- Ans ☒ 1. MCS
☒ 2. VLB
☒ 3. UKA
☒ 4. MWD

Q.19 What will come in the place of the question mark (?) in the following equation if '+' and '×' are interchanged and '-' and '÷' are interchanged?
 $39 \div 6 - 3 \times 9 + 4 = ?$

- Ans ☒ 1. 56
☒ 2. 83
☒ 3. 73
☒ 4. 81

Q.20 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.21 S % T = S is the father of T.
X - W = X is the mother of W.
U * V = U is the sister of V.
Z + Y = Z is the husband of Y.
If A + J - B * V % G, find the relation between A and G.

- Ans**
- ☐ 1. Father
 - ☒ 2. Paternal grandfather
 - ☐ 3. Maternal grandfather
 - ☐ 4. Mother

Q.22 In a certain code language,
'A + B' means 'A is the mother of B',
'A × B' means 'A is the husband of B',
'A ÷ B' means 'A is the daughter of B'.
Based on the above, how is Q related to T if 'P ÷ Q ÷ R × S + T'?

- Ans**
- ☐ 1. Father's sister
 - ☐ 2. Mother
 - ☒ 3. Sister
 - ☐ 4. Daughter

Q.23 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

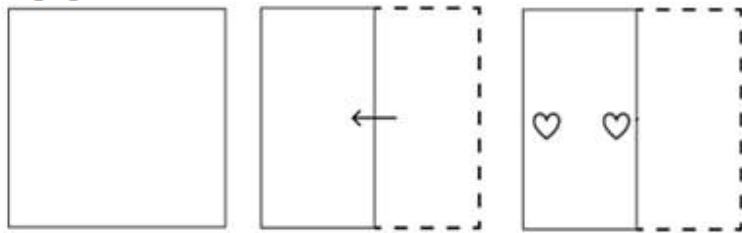
$$32 \times 8 \div 4 - 6 + 15 = ?$$

- Ans**
- ☒ 1. 7
 - ☐ 2. 15
 - ☐ 3. 5
 - ☐ 4. 13

Q.24 BHJL is related to FLNP in a certain way based on the English alphabetical order. In the same way, HNPR is related to LRTV. To which of the following is JPRT related, following the same logic?

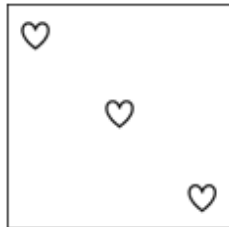
- Ans**
- ☐ 1. NUVX
 - ☒ 2. NTVX
 - ☐ 3. NTYX
 - ☐ 4. NUWX

Q.25 A paper is folded and cut as shown below. How will it appear when unfolded?



Ans

✗ 1.



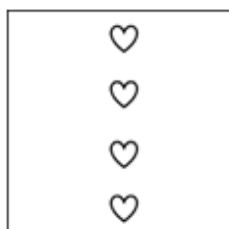
✗ 2.



✓ 3.



✗ 4.



Section : Quantitative Aptitude

Q.1 A shopkeeper cheats 25% in weight while buying rice and cheats 25% while selling it. If he sells the rice at $12\frac{1}{2}\%$ profit, then find his net profit percentage.

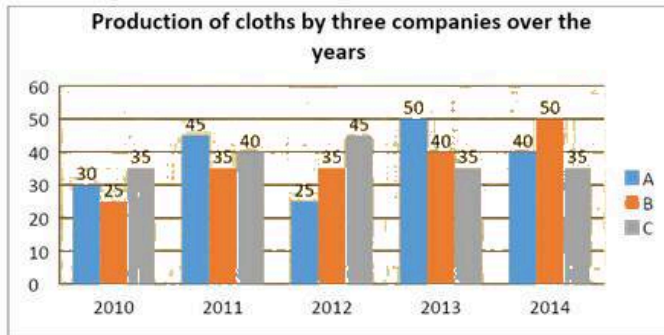
Ans ✗ 1. 82.5%

✗ 2. 62.5%

✓ 3. 87.5%

✗ 4. 92.5%

- Q.2** The following graph shows the data of the production of cloths (in lakh tonnes) by three different companies A, B and C over the years.



What is the ratio of the average production of Company A in the period 2012-2014 to the average production of Company B in the same period?

- Ans**
- ☒ 1. 25 : 23
 - ☒ 2. 5 : 3
 - ☒ 3. 23 : 25
 - ☒ 4. 3 : 5

- Q.3** A person travels from one place to another at 60 km/hr and returns at 75 km/hr. If the total time taken is 6 hours, then find the total distance travelled.

- Ans**
- ☒ 1. 400 km
 - ☒ 2. 250 km
 - ☒ 3. 240km
 - ☒ 4. 300km

- Q.4** Find the fourth proportion to 1.25, 5.75 and 3.5.

- Ans**
- ☒ 1. 4.5
 - ☒ 2. 16.1
 - ☒ 3. 6.5
 - ☒ 4. 12.5

- Q.5** $\left[\frac{\operatorname{cosec} 31^\circ - \sec 59^\circ}{(\sin 18^\circ \div \cos 72^\circ)} \times \frac{\tan 26^\circ}{\cot 64^\circ} \right] + \left[\frac{\tan 30^\circ + \tan 15^\circ}{(1 - \tan 30^\circ \tan 15^\circ)} \right] = \underline{\hspace{2cm}}.$

- Ans**
- ☒ 1. 0
 - ☒ 2. -1
 - ☒ 3. 1
 - ☒ 4. 2

- Q.6** Two similar triangles have area 490 sq. cm. and 640 sq. cm. If the length of the one side of the first triangle is 21 cm, then what is the length of the corresponding side of the second triangle?

- Ans**
- ☒ 1. 24 cm
 - ☒ 2. 21 cm
 - ☒ 3. 16 cm
 - ☒ 4. 14 cm

- Q.7** K being any odd number greater than 1, $k^{33} - k$ is always divisible by:

- Ans**
- ☒ 1. 24
 - ☒ 2. 13
 - ☒ 3. 5
 - ☒ 4. 15

Q.8 Find the amount to be paid at the end if ₹4,500 is invested for a period of 4 years at the rate of 8% simple interest per annum.

Ans ☐ 1. ₹5,490

☐ 2. ₹6,080

☒ 3. ₹5,940

☐ 4. ₹6,300

Q.9 If the graph of the equation $20x + 21y = 420$ cuts the coordinate axes at P and Q, then what is the measure of the length (in units) of PQ?

Ans ☐ 1. 25

☒ 2. 29

☐ 3. 40

☐ 4. 35

Q.10 Let ABC be a triangle such that $\angle ABC = 70^\circ$ and $\angle ACB = 50^\circ$. Let O be the incentre of the triangle. Find $\angle BOC$.

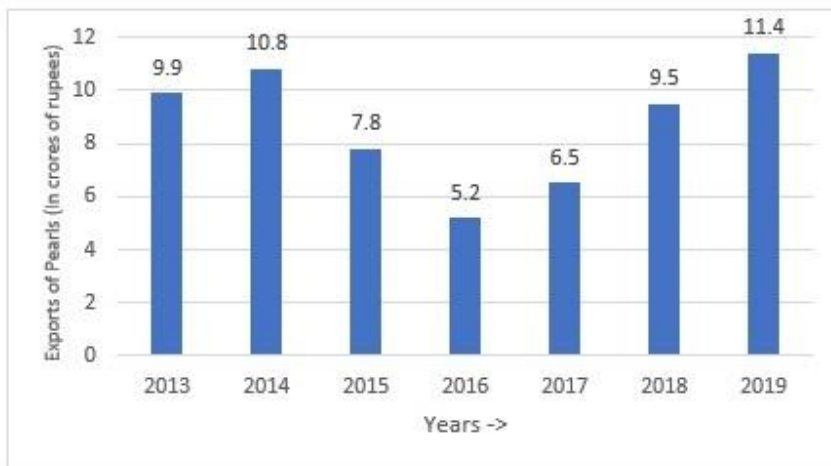
Ans ☒ 1. 120°

☐ 2. 100°

☐ 3. 60°

☐ 4. 130°

Q.11 Study the given bar-graph carefully and answer the question that follows.



For how many years was the export above - average for the period, 2013-2019?

Ans ☐ 1. 1

☒ 2. 4

☐ 3. 3

☐ 4. 2

Q.12 How many factors of 14,400 are divisible by 18 but not by 36?

Ans ☐ 1. 5

☐ 2. 2

☐ 3. 4

☒ 4. 3

Q.13 A person divides his total route of journey into three equal parts and decides to travel the three parts at the speeds of 80 km/h, 60 km/h and 30 km/h, respectively. What is the average speed during the journey?

Ans ☐ 1. 45 km/h

☐ 2. 40 km/h

☐ 3. 49 km/h

☒ 4. 48 km/h

Q.14 Let ABC be a right-angled triangle such that $\angle C = 90^\circ$. Let D be a point on AB such that CD is perpendicular to AB. If AC = 5 cm and BC = 12 cm, find the length of CD (in cm).

Ans

✓ 1.

✗ 2. $\frac{40}{13}$

✗ 3. $\frac{40}{23}$

✗ 4. $\frac{50}{23}$

Q.15 The diameter of a roller is 35 cm and its length is 100 cm. It takes 200 complete revolutions to level a playground. Find the area of the playground in m^2

Ans

✗ 1. 1,10,000

✗ 2. 110

✗ 3. 2,20,00,000

✓ 4. 220

Q.16 In an election, a voter has choices to vote for one candidate out of three candidates. There is also an option 'None OfThe Above' (NOTA) to reject all candidates. The three candidates get votes that are 6 times NOTA. The winner gets votes that are twice the second runner-up's votes. The first runner-up gets 900 votes more than NOTA and defeats the second runner-up by 150 votes. What is the total number of votes polled?

Ans

✗ 1. 17715

✗ 2. 15177

✓ 3. 11025

✗ 4. 11577

Q.17 The number of subjects in which the students of a class have failed is given in the following table.

No. of subjects in which students have failed	0	1	2	3	4	5
No. of students	10	18	5	6	7	4

Find the total number of students who have failed in more than 3 subjects.

Ans

✓ 1. 11

✗ 2. 10

✗ 3. 17

✗ 4. 12

Q.18 In $\triangle ABC$, O is the point of intersection of the bisectors of angle B and angle A. If the angle $\angle BOC = 108^\circ$, then angle BAO is:

Ans

✗ 1. 26°

✗ 2. 16°

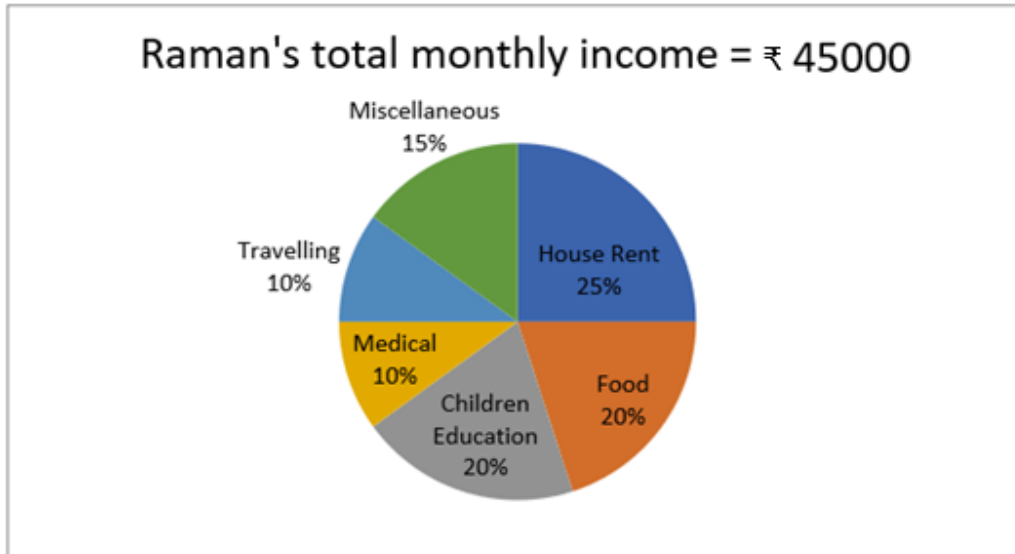
✗ 3. 22°

✓ 4. 18°

Q.19

- Ans
- 1.
 - ✓ 2. 226.87
 - ✗ 3. 235.65
 - ✗ 4. 242.25

Q.20 The following pie chart represents the percentage domestic expenditure of Raman over his family. Study the pie chart carefully and answer the question given below.



After paying the House Rent and expending over Food and Children's Education, what is Raman's remaining monthly income (in ₹)?

- Ans
- ✗ 1. 12,750
 - ✗ 2. 20,250
 - ✓ 3. 15,750
 - ✗ 4. 29,250

Q.21 The price of a motorcycle was \$750 last year. The price increased by 20% this year. What is the price of the motorcycle this year?

- Ans
- ✗ 1. \$750
 - ✓ 2. \$900
 - ✗ 3. \$600
 - ✗ 4. \$790

Q.22 The altitude of an equilateral triangle is $3\sqrt{3}$ cm. Find its area.

- Ans
- ✗ 1. 9 sq cm
 - ✗ 2. 27 sq cm
 - ✓ 3. $9\sqrt{3}$ sq cm
 - ✗ 4. $3\sqrt{3}$ sq cm

Q.23 X and Y can do a job in 18 days; Y and Z can do the same in 24 days. If all the three can finish the job in 12 days, in how many days can X and Z can complete the job?

Ans 1.

✗ 2. $12\frac{3}{5}$ days

✗ 3. 7 days

✓ 4. $14\frac{2}{5}$ days

Q.24 The whole surface area of a cube is 294 cm^2 . The volume of the cube is:

Ans ✗ 1. 243 cm^3

✓ 2. 343 cm^3

✗ 3. 512 cm^3

✗ 4. 216 cm^3

Q.25 A person spends 60% of his salary on family expenses, 10% on medical expenses, 5% on charity, and saves the remaining amount. If the amount on savings is ₹4,000, find his monthly salary.

Ans ✓ 1. ₹16,000

✗ 2. ₹12,000

✗ 3. ₹14,000

✗ 4. ₹15,000

Section : **General Awareness**

Q.1 Where is the Narora Nuclear Power plant located?

Ans ✓ 1. Uttar Pradesh

✗ 2. Tamil Nadu

✗ 3. Maharashtra

✗ 4. Karnataka

Q.2 Match the items in List I with those in List II.

List I

i. Blue revolution

ii. Yellow revolution

iii. Round revolution

iv. Golden revolution

List II

a. Oilseeds

b. Overall horticulture

c. Fish

d. Potato

Ans ✗ 1. i-d, ii-a, iii-b, iv-c

✓ 2. i-c, ii-a, iii-d, iv-b

✗ 3. i-b, ii-d, iii-a, iv-c

✗ 4. i-b, ii-c, iii-d, iv-a

Q.3 Sardar Vallabhbhai Patel, who was the first Home Minister of India, is known by which sobriquet?

- Ans**
- ☒ 1. Grand old man of India
 - ☒ 2. Iron man of India
 - ☐ 3. Morning star of Indian Renaissance
 - ☐ 4. Father of Indian Unrest

Q.4 What is the wavelength range of visible light?

- Ans**
- ☐ 1. 0.2 to 0.3 μm
 - ☐ 2. 0.7 to 0.9 μm
 - ☒ 3. 0.4 to 0.7 μm
 - ☐ 4. 1 to 2 μm

Q.5 Terah taali dance belongs to which of the following states?

- Ans**
- ☐ 1. Kerala
 - ☒ 2. Rajasthan
 - ☐ 3. Uttaranchal
 - ☐ 4. Uttar Pradesh

Q.6 What enables IoT devices to gather data and exchange it over the network?

- Ans**
- ☒ 1. Actuators and sensors
 - ☐ 2. Data encryption techniques
 - ☐ 3. Biochip transponders
 - ☐ 4. Human interaction

Q.7 As of January 2023, who among the following is the chief minister of Puducherry?

- Ans**
- ☐ 1. Shri V Narayanasamy
 - ☒ 2. Shri N Rangaswamy
 - ☐ 3. Shri V Vaithilingam
 - ☐ 4. Shri P Shanmugam

Q.8 In which year did the Indian Constitution declare Hindi in Devanagari script to be the official language of the Union?

- Ans**
- ☐ 1. 1951
 - ☐ 2. 1952
 - ☒ 3. 1949
 - ☐ 4. 1955

Q.9 As per the Economic Survey of India 2022-23, unemployment rates fell from 5.8% in 2018-19 to _____ in 2020-21.

- Ans**
- ☐ 1. 3.8%
 - ☐ 2. 4.7%
 - ☒ 3. 4.2%
 - ☐ 4. 3.4%

Q.10 Who has written the patriotic song 'Sandese Aate Hai'?

- Ans**
- ☐ 1. Irshad Kamil
 - ☐ 2. Samir Anjan
 - ☒ 3. Javed Akhtar
 - ☐ 4. Gulzar

Q.11 The 'Western disturbances' originates from the ____.

- Ans**
- ☒ 1. East China Sea
 - ☒ 2. Mediterranean Sea
 - ☐ 3. Arabian Sea
 - ☐ 4. Red Sea

Q.12 Bails are used in which of the following games/sports?

- Ans**
- ☒ 1. Cricket
 - ☐ 2. Badminton
 - ☐ 3. Football
 - ☐ 4. Hockey

Q.13 In Gujarat, the festival Makar Sankranti is celebrated as:

- Ans**
- ☐ 1. Paschimayan
 - ☐ 2. Purbayan
 - ☐ 3. Dakshinayan
 - ☒ 4. Uttarayan

Q.14 The reaction of an acid and a metal gives:

- Ans**
- ☒ 1. hydrogen gas and salt
 - ☐ 2. carbon dioxide, salt and water
 - ☐ 3. salt and water
 - ☐ 4. carbon dioxide, salt and hydrogen gas

Q.15 The length of a day on _____ is approximately 16 hours.

- Ans**
- ☐ 1. Mercury
 - ☐ 2. Mars
 - ☐ 3. Venus
 - ☒ 4. Neptune

Q.16 After being passed by both the Lok Sabha and Rajya Sabha, the Competition (Amendment) Bill, 2023 received the President's assent on _____ to become the Competition (Amendment) Act, 2023.

- Ans**
- ☐ 1. 21 April 2023
 - ☒ 2. 11 April 2023
 - ☐ 3. 1 April 2023
 - ☐ 4. 14 April 2023

Q.17 Which among the following Chola emperors defeated the Pandya king Maravarman Rajsimha II in the battle of Vellore?

- Ans**
- ☐ 1. Rajendra I
 - ☐ 2. Vijayalaya
 - ☒ 3. Parantaka I
 - ☐ 4. Rajaraja I

Q.18 What is the standard size of basketball for men?

- Ans**
- ☐ 1. 06
 - ☒ 2. 07
 - ☐ 3. 08
 - ☐ 4. 05

Q.19 As of 01 January 2023, who is the chairman of UPSC?

- Ans**
- ☒ 1. Dr. Manoj Soni
 - ☐ 2. Shri Rajeev Nayan Choubey
 - ☐ 3. Dr. TCA Anant
 - ☐ 4. Mrs. Preeti Sudan

Q.20 Which of the following extensions is used to save MS-PowerPoint applications?

- Ans**
- ☐ 1. .docx
 - ☐ 2. .txt
 - ☐ 3. .doc
 - ☒ 4. .ppt

Q.21 In India, statutory liquidity ratio is fixed by _____.

- Ans**
- ☐ 1. India Brand Equity Foundation
 - ☐ 2. State government
 - ☐ 3. Commercial banks
 - ☒ 4. Reserve Bank of India

Q.22 Which folk music is a mix of Indian and western music and is popular in Goa?

- Ans**
- ☒ 1. Mando
 - ☐ 2. Maand
 - ☐ 3. Pai songs
 - ☐ 4. Pawada

Q.23 Pusarla Venkata Sindhu won silver medal in badminton in which Olympics Games?

- Ans**
- ☐ 1. London 2012
 - ☐ 2. Beijing 2008
 - ☐ 3. Tokyo 2020
 - ☒ 4. Rio 2016

Q.24 Which committee is related to fundamental duties?

- Ans**
- ☒ 1. Verma Committee
 - ☐ 2. LM Singhvi Committee
 - ☐ 3. Vasantao Naik Committee
 - ☐ 4. Rajmannar Committee

Q.25 A _____ is issued to prevent an inferior court or tribunal from exceeding its jurisdiction, which is not legally vested, or acting without jurisdiction or acting against the principles of natural justice.

- Ans**
- ☐ 1. writ of mandamus
 - ☐ 2. writ of habeas corpus
 - ☒ 3. writ of prohibition
 - ☐ 4. writ of quo-warranto