## Adda247

## Combined Higher Secondary Level Examination 2023 Tier I

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name | Shri Ganesh College of IT \& Management |
| Exam Date | 14/08/2023 |
| Exam Time | 9:00 AM - 10:00 AM |
| Subject | CHSL Exam 2023 Tier I |

## Section : English Language

Q. 1 Select the most appropriate meaning of the given idiom. Throw cold water on
Ans 1. To show indifference
X 2. To rinse thoroughly
X 3. To encourage
X 4. To talk nicely
Q. 2 Select the option that can be used as a one-word substitute for the given group of words.
Unpleasantly rough or sharp, especially to the senses, cruel
Ans
X 1. Haslet
2. Hart
3. Harsh
4. Hasp
Q. 3 Select the ANTONYM of the word inadvertent to fill in the blank.

Everyone likes to speak in a clear and $\qquad$ manner.

Ans
X 1. unintentional
2. peevish
3. deliberate
4. impious
Q. 4 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Syamala is more taller than her sister.
Ans
X 1. tall

- 2. taller

X 3. most taller
X 4. tallest
Q. 5 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Hurray! Here is the toy / what I was looking for / as my birthday gift.
Ans
Х 1. Hurray! Here is the toy
2. No error
3. what I was looking for

X4. as my birthday gift.
Q. 6 Parts of the following sentence have been given as options. Select the option that contains an error.

The politician was accused of accepting bribes and lied about it to the public.
Ans
X 1. of accepting bribes
X 2. The politician was accused
3. and lied about it
4. to the public
Q. 7 Select the most appropriate synonym of the given word.

Paragon
Ans $\times$ 1. Transient
2. Epitome

X 3. Associate
X 4. Grumpy
Q. 8 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.
A.Through these experiences, Sarah gained a newfound appreciation for the beauty and complexity of the world, and returned home with a renewed sense of purpose and passion.
B.Sarah had always dreamed of traveling the world, but she never had the opportunity to do so until she graduated from college.
C.Along the way, she encountered a diverse array of individuals, each with their own unique stories and perspectives.
D.With her degree in hand, she set off on a backpacking adventure across Europe, eager to explore new cultures and meet new people.

Ans $\times 1 . \mathrm{BACD}$
X 2. CBAD
3. DBCA
4. BDCA
Q. 9 Select the most appropriate synonym of the bracketed word in the following sentence to fill in the blank.

The playwright borrowed the $\qquad$ (crux) of plot from Shakespeare.
Ans
X 1. peel
2. subsistence
3. essence
4. blueprint
Q. 10 Select the option that can be used as a one-word substitute for the given group of words.
An imperfection; a blemish, a crack
Ans
X 1. Flaunt
X 2. Fleck

3. Flaw
$\times 4$. Flea
Q. 11 Select the most appropriate synonym of the underlined word in the given sentence.

He lost the golden opportunity due to his habit of procrastination.
Ans

1. indecisiveness

X 2. impulsiveness
X 3. inquisitiveness
X 4. submissiveness

## Q. 12 Select the most appropriate synonym of the underlined word.

Syam does not intervene in others' affairs.
Ans

1. Meddle
2. Speak
3. Trouble
4. Help
Q. 13 Select the most appropriate synonym of the bracketed word in the following sentence to fill in the blank.

The text $\qquad$ (implies) to several themes that need closer examination.
Ans

1. alludes

X 2. deceives
X 3. embellishes
X 4. apprehends
Q. 14 The following sentence has been split into four segments. Identify the segment that contains a spelling error.

According to a report / every day / thousands of animals / are slautered.
Ans
X 1. thousands of animals
2. are slautered

X 3. every day
$\times 4$. According to a report
Q. 15 Select the most appropriate idiom for the underlined words in the given sentence.

Piyush is inexperienced in leather industry.
Ans
$\times 1$. in great hands
2. a sore thumb
$\times 3$. hang fire
4. a greenhorn
Q. 16 Parts of a sentence are given below in jumbled order. Arrange the parts in the correct order to form a meaningful sentence.
(A) to simplify filling taxes
(B) to a single flat rate
(C) the current five rates
(D) by narrowing
(E) Forbes wanted

Ans
$\times 1$. EbDCA
X 2. ECDAB
X 3. EDACB
4. EADCB
Q. 17 Select the option that expresses the given sentence in passive voice. She killed the cockroach.
Ans $\quad$ 1. The cockroach was being killed by her.
Х 2. The cockroach is killed by her.

- 3. The cockroach was killed by her.

X4. The cockroach has been killed by her.
Q. 18 Select the most appropriate option that expresses the given sentence in passive voice. The student asked the teacher a question during class.
Ans 1.A question was asked by the student to the teacher during class.
X 2. A question is being asked by the student to the teacher during class.
X 3. A question asked by the student to the teacher during class.
Х4. A question will be asked by the student to the teacher during class.
Q. 19 Select the most appropriate option to fill in the blank.

People were $\qquad$ to safe places by the rescue team after the earthquake.
Ans $\times$ 1. ebacuated
2. evacuated
3. evkuated
4. evakuated
Q. 20 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.
A)Electronic waste is a huge challenge to the world today.
B)But the unrequired purchase by consumers cannot be halted.
C)However, an awareness on reduce and reuse can be of great help.
D)Recycling industries are working hard to reduce the burden of waste.

Ans
X 1. DBAC
X 2. ABCD
X 3. DABC
4. ADBC

## 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.
All the housewives who went to the Kalpatharu Supermarket in Bengaluru had one great ambition: to be the lucky customer who did not have to pay for her (1) $\qquad$ . For this was what that notice just inside the entrance promised. It said: 'Remember, once a week, one of our customers gets free goods. This may be your (2) day!'
For several weeks Mrs. Batliwala hoped, like many of her friends, to be the lucky (3)
. Unlike her friends she never gave up hope. Her kitchen was full of things which she did not need. She dreamed of the day when the manager of the supermarket would approach her and say "Madam, this is your lucky day. (4) $\qquad$ in your basket is free."
On Saturday morning, Mrs. Batliwala went to the supermarket and bought only tea. She went to the cash desk when the manager of the supermarket come up to her and said. "You are our lucky customer and everything in your basket is (5) $\qquad$
SubQuestion No: 21
Q. 21 Select the most appropriate option to fill in blank number 1.

Ans $\times 1$. cloths
2. shopping

X 3. sugar
× 4. jewellery


## 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.
All the housewives who went to the Kalpatharu Supermarket in Bengaluru had one great ambition: to be the lucky customer who did not have to pay for her (1) $\qquad$ . For this was what that notice just inside the entrance promised. It said: 'Remember, once a week, one of our customers gets free goods. This may be your (2) $\qquad$ day!'
For several weeks Mrs. Batliwala hoped, like many of her friends, to be the lucky (3)
. Unlike her friends she never gave up hope. Her kitchen was full of things which she did not need. She dreamed of the day when the manager of the supermarket would approach her and say "Madam, this is your lucky day. (4) $\qquad$ in your basket is free."
On Saturday morning, Mrs. Batliwala went to the supermarket and bought only tea. She went to the cash desk when the manager of the supermarket come up to her and said. "You are our lucky customer and everything in your basket is (5) $\qquad$ !"

SubQuestion No: 22
Q. 22 Select the most appropriate option to fill in blank number 2.

Ans $\times 1$. easy
2. lucky

X 3. smart
X 4. happy

## 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.
All the housewives who went to the Kalpatharu Supermarket in Bengaluru had one great ambition: to be the lucky customer who did not have to pay for her (1) $\qquad$ . For this was what that notice just inside the entrance promised. It said: 'Remember, once a week, one of our customers gets free goods. This may be your (2) $\qquad$ day!'
For several weeks Mrs. Batliwala hoped, like many of her friends, to be the lucky (3)
. Unlike her friends she never gave up hope. Her kitchen was full of things which she did not need. She dreamed of the day when the manager of the supermarket would approach her and say "Madam, this is your lucky day. (4) $\qquad$ in your basket is free."
On Saturday morning, Mrs. Batliwala went to the supermarket and bought only tea. She went to the cash desk when the manager of the supermarket come up to her and said. "You are our lucky customer and everything in your basket is (5) $\qquad$ !"

SubQuestion No : 23
Q. 23 Select the most appropriate option to fill in blank number 3.

Ans $\quad$ 1. seller
X 2. day
X 3. women
4. customer

## 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.
All the housewives who went to the Kalpatharu Supermarket in Bengaluru had one great ambition: to be the lucky customer who did not have to pay for her (1) $\qquad$ . For this was what that notice just inside the entrance promised. It said: 'Remember, once a week, one of our customers gets free goods. This may be your (2) $\qquad$ day!'
For several weeks Mrs. Batliwala hoped, like many of her friends, to be the lucky (3)
. Unlike her friends she never gave up hope. Her kitchen was full of things which she did not need. She dreamed of the day when the manager of the supermarket would approach her and say "Madam, this is your lucky day. (4) $\qquad$ in your basket is free."
On Saturday morning, Mrs. Batliwala went to the supermarket and bought only tea. She went to the cash desk when the manager of the supermarket come up to her and said. "You are our lucky customer and everything in your basket is (5) $\qquad$ !"

SubQuestion No : 24
Q. 24 Select the most appropriate option to fill in blank number 4.

Ans $\times 1$. products
X 2. sample
3. everything

X 4. packets

## 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.
All the housewives who went to the Kalpatharu Supermarket in Bengaluru had one great ambition: to be the lucky customer who did not have to pay for her (1) $\qquad$ . For this was what that notice just inside the entrance promised. It said: 'Remember, once a week, one of our customers gets free goods. This may be your (2) $\qquad$ day!'
For several weeks Mrs. Batliwala hoped, like many of her friends, to be the lucky (3)
. Unlike her friends she never gave up hope. Her kitchen was full of things which she did not need. She dreamed of the day when the manager of the supermarket would approach her and say "Madam, this is your lucky day. (4) $\qquad$ in your basket is free."
On Saturday morning, Mrs. Batliwala went to the supermarket and bought only tea. She went to the cash desk when the manager of the supermarket come up to her and said. "You are our lucky customer and everything in your basket is (5) $\qquad$ !"

SubQuestion No : 25
Q. 25 Select the most appropriate option to fill in blank number 5.

Ans $\times 1$. yours
X 2. expensive
X 3. cheap

- 4. free
Q. 1 ADEC is related to GJKI in a certain way based on the English alphabetical order: In the same way, HKLJ is related to NQRP. To which of the following is MPQO related to, following the same logic?
Ans
$\times 1$. TVWU
X 2. SWXV
$\times$ 3. TWXU

4. SVWU
Q. 2 The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. The same operation(s) are followed in all the number pairs except one. Find that odd number pair.
(NOTE: Operations should be performed on 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.)
Ans
X1. $31: 215$
X2. $29: 201$
X 3. $21: 145$
5. $25: 177$
Q. 3 Identify the figure given in the options which when put in place of 7 will logically complete the series.

| $\triangleright$ | $\nabla$ | $<$ | $\Delta$ |  |
| :--- | :--- | :--- | :--- | :--- |
| $\triangleright$ | $\Delta$ | $<$ | $\nabla$ | $? ?$ |
| $>$ | $\Delta$ | $D$ | $<$ | $?$ |

Ans


Question ID: 264330146306 Status : Answered
Q. 4 Based on the alphabetical order, three of the following four are alike in a certain way and thus form a group. Which is the one that does NOT belong to that group?

Ans
X 1. QMS
2. HDC
x 3. VRX
X4. DZF
Q. 5 In a certain code language,
$A+B$ means ' $A$ is the brother of $B$ ',
$A-B$ means ' $A$ is the father of $B$ ',
$A \times B$ means ' $A$ is the mother of $B$ ',
$A \div B$ means ' $A$ is the wife of $B$ '.
Based on the above, if ' $\mathrm{P} \times \mathrm{Q}-\mathrm{R} \div \mathrm{S}+\mathrm{T}$ ', which of the following is true?
Ans $\quad \times 1 . T$ is the brother of $R$.
$X$ 2. $P$ is the mother of $R$.
$X$ 3. T is the sister of S .
4. $Q$ is the son of $P$.
Q. 6 FAP is related to PAF in a certain way based on the English alphabetical order. In the same way, JFM is related to MFJ. To which of the following is NKT related following the same logic?

Ans

1. TKN
$\times$ 2. OLU
X 3. KTN
X 4. LIR
Q. 7 Each of the letters in the word NETWORK are arranged in alphabetical order: How many letters are there in the English alphabetical series between the letter which is fourth from the left and the one which is second from the right?
Ans
$\times 1.3$
$\times 2.6$

$\times 3.5$
-4.4
Q. 831 is related to 94 in a certain way. Following the same logic, 37 is related to 112 . To which of the following is 63 related, following the same logic?

Ans
$\times 1.192$
$\times 2.189$
ง. 190
X4. 194
Q. 9 Select the number from among the given options that can replace the question mark (?) in the following series.
$141,152,143,155,145,158, ?$
Ans

1. 147
$\times 2.162$
$\times 3.148$
$\times 4.161$
Q. 10 Find out the correct alternative that when filled in the blanks in the same sequence will make the series logically complete.

CN_F F_ZE ILC_ _KFC Ofl_
Ans $X 1$. VNDLA
$X$ 2. XNDKB
X 3. XMCLA

- 4. WMDLB
Q. 11 L is the daughter of $\mathrm{H} . \mathrm{H}$ is married to $\mathrm{K} . \mathrm{K}$ is the mother of $\mathrm{I} . \mathrm{I}$ is the father of $\mathrm{J} . \mathrm{J}$ is married to $\mathrm{M} . \mathrm{M}$ is the sister of N .
How is J related to H ?
Ans
$X$ 1. Brother's son
X 2. Daughter's son

3. Son's son
$\times 4$. Son

Q. 12 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 buses are motorbikes.
All motorbikes are vans.
All buses are cars.
Conclusions:
(I) Some cars are vans.
(II) Some vans are buses.
(III) Some vans are motorbikes.

Ans
X 1. Only conclusion II follows
$\checkmark$ 2. All conclusions I, II and III follow
$X$ 3. Only conclusion I follows
$X$ 4. Both conclusions I and II follow
Q. 13 Select the correct mirror image of the given figure when the mirror is placed at MN as shown.


Ans

Q. 14 What should come in place of X in the given series?

1619253446 X
Ans $\times 1.60$
$\times 2.58$
$\times 3.59$
-4. 61
Q. 15 What will come in the place of '?' in the following equation, if ' + ' and ' - ' are interchanged and ' $\times$ 'and ' + ' are interchanged?
$53 \div 4-21 \times 7+14=$ ?
Ans
$\times 1.203$
-2. 201
X 3. 202
X4. 200
Q. 16 In a certain code language, ' DOG ' is coded as ' 26 ' and ' BIN ' is coded as ' 25 '. What will be the code for 'JAM' in the given code language?
Ans $\times 1.25$
2. 23
3. 24

X4. 27
Q. 17 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the one that is different.
(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.)
$216: 40$
72 : 22
112:32
$312: 82$
Ans

1. $216: 40$
$\times 2.112: 32$
X 3. $312: 82$
X4. $72: 22$
Q. 18 If ' $V$ ' stands for ' - ', ' $Z$ ' stands for ' $x$ ', ' $M$ ' stands for ' + ' and ' $P$ ' stands for ' - ', then what will be come in place of the question mark (?) in the following equation?

81 M 46 P 72 V $12 \mathrm{Z} 12=$ ?
Ans
$\times 1.10$
$\times 2.35$
X 3.15

- 4.55
Q. 19 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.


Ans

$\times 2 . \boldsymbol{\partial} \boldsymbol{L} \mathbf{D}+\mathrm{H} \boldsymbol{y}$
$x^{3}$ の「3D7H»

Q. 20 Select the set in which the numbers are related in the same way as are the numbers of the given 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/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.)
12:92:8
16:92:6
Ans 1.9:122:14
X2. 13:60:5
X 3. 15:184:12
X4. $8: 109: 14$
Q. 21 If 12 April 2004 is Monday, then what will be the day of the week on 24 May 2012?

Ans
$x$ 1. Sunday
$\times$ 2. Friday
3. Thursday

X4. Monday
Q. 22 In a certain code language, 'HALF' is coded as ' 8041 ' and ' $F L A G^{\prime}$ ' is coded as ' 4980 '. What is the code for ' $\mathrm{G}^{\prime}$ ' in the given code language?
Ans
$\times 1.4$
-2. 9
$\times 3.0$
$\times 4.8$
Q. 23 How many triangles are there in the given figure?


Ans

1. 16
$\times 2.18$
$\times 3.15$
X4. 17
Q. 24 Find the correct altermative that when filled in the blanks in the same sequence will make the series logically complete. R_R_D_DR_R_D_

Ans
$\times 1$ DRDDDRRD
X 2. RDRRDRDD
3. DRRRRDRR

X 4. RDDRDDRD
Q. 25 Select the pair of letter-clusters which follows the same pattern as that followed by the two sets of pair of letter-clusters given below. Both pairs of letter-clusters follow the same pattern.

BFG: LPQ
HKM : RUW
Ans

1. MPO : WZY
$\times$ 2. GKN : TPM
$X$ 3. $\mathrm{ABC}: \mathrm{FGH}$
$\times$ 4. JRS : IQR

## Section : Quantitative Aptitude

Q. 1 In $\triangle X Y Z, L$ and $M$ are the middle points of the sides $X Y$ and $X Z$, respectively. $N$ is a point on the segment $L M$ such that $\mathrm{LN}: \mathrm{NM}=1: 2$. If $\mathrm{LN}=5 \mathrm{~cm}$, then YZ is equal to:

Ans

1. 30 cm
$\times 2.24 \mathrm{~cm}$
X 3. 28 cm
X4. 26 cm

Q. 2 If $\theta$ be an acute angle and $\tan \theta+\cot \theta=2$, then the value of $2 \tan ^{2} \theta+\cot ^{2} \theta+\tan ^{4} \theta \cot ^{4} \theta$ is:

Ans
-1. 4
$\times 2.2$
$\times 3.3$
$\times 4.6$
Q. 3 If $\operatorname{cosec} A+\cot A=7$, then $\operatorname{cosec} A$ is equal to:

Ans
$\times 1 . \frac{11}{7}$
$\times 2 \frac{16}{7}$
ง. $\frac{25}{7}$
$\times 4 . \frac{19}{7}$
Q. 4 In right angled triangle ABC , if $\angle \mathrm{A}=30^{\circ}$, find the value of $3 \sin \mathrm{~A}-4 \sin ^{3} \mathrm{~A}$.

Ans $\times 1.2$
X2. -1
$\times 3 .-2$
-4. 1
Q. 5 A money lender lent ₹ 30,000 in two parts, one at the rate of $8 \%$ and the other at $9 \%$. If the total annual simple interest on the amount is $₹ 2,650$, then what is the amount of money lent at the rate of $8 \%$ ?

Ans
$X$ 1. ₹ 6,000
2. ₹5,000
$\times$ 3. ₹ 4,500
X 4. ₹5,500
Q. 6 The number of patients in four different categories in three hospitals $\mathrm{A}, \mathrm{B}$ and C are given below.


The total number of patients in three hospitals $\mathrm{A}, \mathrm{B}$ and C , respectively, are:
Ans
X1. 12, 14, 12
X 2. 12, 12, 14
3. $14,12,12$

X4.14, 13, 12
Q. 7 A can complete a piece of work in 9 days. B and C can complete the same work in 12 days and 18 days respectively. If A, B, C work together, then in how many days will they complete the work?
Ans $\times 1.10$
$\times 2.8$
3. 4

X4. 15

| Question ID : 264330148142 |
| :---: |
| Status : Answered |
| Chosen Option : 3 |

Q. 8 Arun brought 50 kg of rice at a discount of $15 \%$ on the marked price. For purchasing bulk quantity, he was given 5 kg of wheat (the marked price of which was $60 \%$ the marked price of rice) free of cost. Had the retailer sold both items at their marked price to his other customers, then approximately what would be the profit percentage that the shopkeeper could earn?
Ans
-1. $24.7 \%$
$\times 2.25 .2 \%$
X 3. $22.8 \%$
X4. $23.5 \%$
Q. 9 Roma spends $25 \%$ of her income on food, $15 \%$ on children's books and $75 \%$ of the remaining income on uniforms. What is the percentage of income she is left with?

Ans $\times 1.35 \%$
2. $20 \%$
3. $15 \%$
4. $19 \%$
Q. 10 The marked price of a book is $₹ 250$ and it was sold at a discount of $12 \%$. The selling price of the book is:

Ans
$\times 1$. ₹230
$\times 2$. ₹ 234

- 3. ₹ 220
$\times 4$. ₹ 225
Q. 11 In a show room, the ratio of TVs and rice cookers is $2: 3$. Find the percentage of rice cookers in the show room.

Ans
X 1. $40 \%$
$\times 2.30 \%$
マ 3. $60 \%$
×4. $50 \%$
Q. 12 The sales of an item of a company in 4-quarters are given below.


If the difference in sales of item in $3^{\text {rd }}$ quarter and $4^{\text {th }}$ quarter is 36 , then the total sale of the $1^{\text {st }}$ quarter is $\qquad$ -
Ans
$\times 1.250$
$\times 2.256$
ง 3. 264
X4. 260
Q. 13 If $x+3 y=6$, what is the value of $x^{3}+27 y^{3}+54 x y$ ?

Ans $\times 1.264$
$\times 2.258$
-3. 216
$\times 4.220$
Q. 14 Simplify the given expression. $\frac{(381+119)^{2}+(381-119)^{2}}{(381)^{2}+(119)^{2}}$

Ans
X1. -1
$\times 2 .-2$
$\times 3.1$
-4. 2
Q. 15 Raju and Sohan started a car race from the same point, in the same direction and at the same circular track of length 1725 m with speeds of $72 \mathrm{~km} / \mathrm{h}$. and $90 \mathrm{~km} / \mathrm{h}$, respectively. After how much time (in seconds) will they meet again for the first time?
Ans

1. 345 seconds
x 2. 335 seconds
$\times$ 3. 340 seconds
$\times 4.350$ seconds
Q. 16 What sum will become $₹ 9,826$ in 18 months if the rate of interest is $2 \frac{1}{2} \%$ per annum and the interest is compound half-
yearly?
yearly?
Ans
X 1. ₹ $9,392.00$
X 2. ₹ $9,444.00$
X 3. ₹9,512.45
2. ₹9,466.55
Q. 17 If the slant height and radius of a right circular cone are 28 cm and 21 cm , respectively, then the total surface area of the right circular cone (in $\mathrm{cm}^{2}$ ) is:
Take $\pi=\frac{22}{7}$
Ans 1. 3234

X2. 3342
X 3. 3243
X4. 3324
Q. 18 The sides of a triangle are of length $8 \mathrm{~cm}, 15 \mathrm{~cm}$ and 17 cm . Find the area of the triangle.

Ans
$\times 1.65 \mathrm{~cm}^{2}$
X2. $75 \mathrm{~cm}^{2}$
3. $60 \mathrm{~cm}^{2}$

X4. $70 \mathrm{~cm}^{2}$
Q. 19 The average weight of 45 students of a school is 55 kg . If the weight of the teacher be included, the average weight rises by 500 grams. Find the weight (in kg ) of the teacher.

Ans

1. 78
2. 77
$\times 3.79$
$\times 4.80$

Q. 20 Study the table given below and answer the question that follows.

The table below shows the total number of students studying different subjects in a college and the percentage of boys
and girls.

| Subject | Number of Students | Percentage of Girls | Percentage of Boys |
| :--- | :---: | :---: | :---: |
| Hindi | 110 | 60 | 40 |
| English | 70 | 50 | 50 |
| Physics | 50 | 30 | 70 |
| Chemistry | 40 | 80 | 20 |
| Mathematics | 80 | 20 | 80 |
| Computers | 90 | 40 | 60 |

What is the total number of students in all the subjects?
Ans
X1. 240
X 2. 200
$\times 3.420$
4. 440
Q. 21 Solve $(0.125 \times 0.01) \div(0.5 \times 0.005)$.

Ans $\quad \times 1.0 .6$
$\checkmark$ 2. 0.5
$\times 3.0 .8$
$\times 4.0 .7$
Q. 22 Two equal circles of radius 6 cm intersect each other such that each pass through the centre of the other. The length (in cm ) of the common chord is:

Ans
X 1. $5 \sqrt{3}$
2. $6 \sqrt{3}$

X 3. $4 \sqrt{3}$
X4. $3 \sqrt{3}$
Q. 23 The perimeter of two similar triangles GST and $F A X$ are 48 cm and 36 cm , respectively. If $F A=12 \mathrm{~cm}$, then GS is:

Ans
$\times 1.18 \mathrm{~cm}$
2. 16 cm
$\times 3.24 \mathrm{~cm}$
$\times 4.12 \mathrm{~cm}$
Q. 24 The cost of 4 rings and 2 bangles of gold is $₹ 40,000$. What is the cost of 10 rings and 5 bangles?

Ans 1. ₹ $1,00,000$
$\times 2$ ₹ 80,000
X 3. ₹1,20,000
X4. ₹ 90,000
Q.25 A shopkeeper has announced a $25 \%$ rebate on the prices of stationery items. If anyone needs to have a rebate of ₹ 40 , then how many stationery items costing ₹32 should be purchased?

Ans

1. 5 items
2. 6 items

X 3. 4 items
X4. 3 items

Section : General Awareness
Q. 1 Which of these MFIs are NOT regulated by the RBI?

Ans $\times 1$. Small Finance Bank led MFIs
2. Bank led MFIs
3. NBFC MFIs
4. Non-profit MFIs
Q. 2 Pandit Birju Maharaj is associated with which form of dance?

Ans

1. Kathak
$\times$ 2. Chhau
$\times$ 3. Kuchipudi
X4. Kathakali
Q. 3 Which cell organelles are known as cell's post office?

Ans $\quad \times 1$. Nucleus
$\checkmark$ 2. Golgi apparatus
X 3. Ribosome
$\times$ 4. Plastid
Q. 4 Which element of group 13 has the atomic number 113 and its electronic configuration is $[R n] 5 f^{14} 6 d^{10} 7 s^{2} 7 p^{1}$ ?

Ans
$X$ 1. Gallium
$X$ 2. Indium
3. Nihonium

$X$ 4. Thallium

Q. $554.6 \%$ of the total workforce is engaged in $\qquad$ and allied sector activites (Census of India 2011).

Ans $\times 1$. Hunting and gathering
$\times 2$. Manufacturing
3. Agriculture
$X 4$. Mining
Q. 6 Smriti Mandhana became the most expensive player in the Women's Indian Premier League with the $₹ 3.4$ crore bid by

Smriti Mandnana
Ans $\quad \times 1$. Chennai Super Kings
2. Royal Challengers Bangalore
$X$ 3. Mumbai Indians
X 4. Rajasthan Royals
Q. 7 Which state won the Indian Olympic Association's 'Best State' award at the 36th National Games in 2022?

Ans
$X$ 1. Uttar Pradesh
$X$ 2. Punjab
3. Maharashtra

X 4. Haryana
Q. 8 Structural composition of the economy refers to:

Ans 1. contribution of various sectors to the GDP
$X$ 2. male-female distribution of the population
$X$ 3. private and public sectors classification
$X 4$. rural and urban distribution of the population

Q. 9 The rulers of which of the following Rajput dynasties patronised Jainism and one of them is reported to have accepted Jainism under the influence of a Jain scholar Hemachandra?

Ans
$X$ 1. Pratihara
$\times$ 2. Parmara
$\checkmark$ 3. Chalukya
X4. Chahman
Q. 10 Padma Shri awardee of 2022, Nalini-Kamalini Asthana belongs to which of the following art genres?
$X$ 1. Painting
$\times$ 2. Sculpture
$\checkmark$ 3. Kathak dance
X 4. Architecture
Q. 11 Since 2004, which of the following states in India is the permanent venue of International Film Festival of India?

Ans
$X$ 1. Gujarat
$\times$ 2. New Delhi

- 3. Goa

X 4. Maharashtra
Q. 12 Who was awarded the Nobel Peace Prize for founding the Grameen Bank and pioneering the concepts of microcredit and microfinance?

Ans
$X$ 1. Muhammad Yusuf
$\checkmark$ 2. Muhammad Yunus
$X$ 3. Muhammad Wasim
X 4. Muhammad Asif
Q. 13 Exports of mangoes by India is a part of $\qquad$ method of measurement of its national income.

Ans
$X$ 1. circular income
$X$ 2. value added
$\checkmark$ 3. expenditure
$X 4$. income
Q. 14 According to Census of India 2011, which state in India has the highest proportion of its population living in the urban areas?

Ans
$X$ 1. Kerala
X 2. Haryana
, 3. Goa
$\times$ 4. Tamil Nadu
Q. 15 Which is the biggest tributary of the upper Brahmaputra that originates in the Tibetan Himalayas and winds its way into India through Anunachal Pradesh?

Ans

1. Subansiri
$X$ 2. Yerla
$X$ 3. Musi
$X$ 4. Aner
Q. 16 Which colour of light from VIBGYOR has minimum energy?

Ans $\times 1$. Green
$X$ 2. Violet
X 3. Yellow
$\checkmark$ 4. Red
Q. 17 Tulip Festival is famous in which city?

Ans
$X$ 1. Agra
$X$ 2. Allahabad
X 3. Ludhiana
4. Srinagar
Q. 18 In August 2021, Ram Nath Kovind granted assent to which Constitution Amendment Act empowering states and UTs to identify and specify Socially and Educationally Backward Classes?

Ans
-1. 105th
$\times 2.104$ th
$\times 3.103 \mathrm{rd}$
$\times 4.102$ nd
Q. 19 In which of the following economic accounts are transfer payments included?

Ans $\quad 1$. Government account
2. Household account

X 3. Appropriation account
$X$ 4. Production account
Q. 20 The National Rural Employment Guarantee Act, now known as Mahatma Gandhi National Rural Employment Guarantee Act, was first enacted in the year $\qquad$
Ans
$\times 1.2000$
2. 2005

- 3. 2009

X4. 2014

Q. 21 The celebration of Christmas, Eid and Holi in school is an example of making children learn fundamental duties as well. Which of the following findamental duties advocates about this type of ideals?
Ans $\quad X 1$. To defend the country and render national service
$\times$ 2. To develop the scientific temper
$X$ 3. To safeguard public property and to abjure violence
4. To promote harmony and spirit of common brotherhood
Q. 22 Which of the following states is NOT a part of the Peninsular Plateau in India?

Ans
$X$ 1. Maharashtra
$X$ 2. Madhya Pradesh
3. Punjab

X 4. Tamil Nadu
Q. 23 Poshan Abhiyaan is a programme to achieve nutritional status of children from 0 to 6 years.

Which of the following Articles of the Indian Constitution provides for raising the nutrition level?
Ans

1. Article 47
2. Article 44
3. Article 46
4. Article 45
Q. 24 Who among the following is the first Indian female football player to play in Union of European Football Association (UEFA)'s women's champions league?
Ans
5. Shanti Mallick
6. Bala Devi
7. Manisha Kalyan
8. Oinam Bembem Devi

Q. 25 Ustad Asad Ali Khan played which of the following instruments?

Ans 1. Rudra Veena
$X$ 2. Algoza
$X$ 3. sitar
X4. Ravanahatha

