|  |  |
| :--- | :--- |
|  |  |
|  |  |
|  | $09 / 03 / 2023$ |
| Exam Date | $2: 30$ PM - 3:30 PM |
| Exam Time | CHSL Exam 2022 Tier I |
| Subject |  |

Section : English Language

| Q. $1 \quad$ Fill in the blank with an appropriate option. <br> Illusions are usually related with $\qquad$ processes. <br> Ans <br> 1. oratory <br> 2. visual <br> 3. digital <br> 4. audio | ```Question ID : 264330124365 Status:Answered Chosen Option : }``` |
| :---: | :---: |
| Q. 2 Choose the word that can substitute the given group of words. <br> One who offers one's services without being forced <br> Ans <br> 1. Scholar <br> 2. Altruist <br> 3. Skeptic <br> 4. Volunteer | $\begin{aligned} \text { Question ID : } 264330124543 \\ \text { Status : Answered } \\ \text { Chosen Option : } 4 \end{aligned}$ |

Q. 3 Fill in the blank with the most suitable word.

I___ pay too much attention to the stories
Ans $X_{1 \text {. wasn't }}$
$X_{2 . h a s n ' t}$
3. didn't
$X_{4 \text {. haven't }}$
Question ID : 264330125835
Status : Answered
Chosen Option : 3
Q. 4 Choose the word that means the same as the given word. Ponderous
Q. 5 Rearrange the parts of the sentence in correct order.
P. to focus more on edible oils/oilseeds than on wheat
Q. the MSP for wheat is up by 2 per cent while
R. that of rapeseed-mustard is up by 8.6 per cent,S. perhaps indicating that the government wants

Ans
$X_{1 . R S P Q}$
$X_{\text {2. PSRQ }}$
$X_{3 . \operatorname{PRQS}}$

- 4. QRSP
Q. 6 Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'. In the five next years, the migration will surely stop.

Ans
$\chi_{1 \text {. will surely stop. }}$
$X_{2 . \text { No error }}$
$X_{3 . \text { years, the migration }}$
4. In the five next
Q. 8 Select the correct passive form of the given sentence. The extremists have assassinated the President.

Ans

1. The President has been assassinated by the extremists.
$X_{2}$. The President had been assassinated by the extremists.
$X_{3}$. The President is assassinated by the extremists.
$X_{4}$. The President was assassinated by the extremists.

Q. 9 Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'
A study finds that the average staff cost at a public sector bank is high than that at its private sector counterpart.

Ans
X 1. its private sector counterpart.
2. a public sector bank is high than that at
3. A study finds that the average staff cost at
4. No error
Q. 10 Choose the incorrectly spelt word.

Ans
X 1 . Sober
X 2. Hinder
3. Prunke

X 4. Tension
Q. 11 Choose the word that is opposite in meaning to the given word. Despondent
Ans
X 1. Precise
X 2. Reproach
X 3. Despaired
4. Hopeful
Q. 12 In the following question, out of the given four alternatives, select the alternative
which best expresses the meaning of the Idiom/Phrase.
Take your eye off the ball
Ans

1. Take an advice from a wrong person

X 2. Take someone for grated
3. To stop paying attention for a moment4. Deteriorating and headed for complete disaster
Q. 13 In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
A bull market
Ans

1. Market where prices are rising

X 2. To boast
3. A fertile field
4. A market where cattle is traded


## Q. 19 Select the correct indirect form of the given sentence

The father said to his daughter, "Your mother will be waiting for me."
The father told his daughter that her mother will be waiting for him.
$X$
2. The father told his daughter that my mother would be waiting for him.
3. The father told his daughter that her mother would be waiting for him.
$X_{4}$. The father told his daughter that her mother was waiting for me.
Q. 20 Improve the underlined part of the sentence. Choose 'No improvement' as an answer if the sentence is grammatically correct.
Fashion is not something that exists in dresses only.
Ans

```
1. No improvement
```

$X_{2 .}$ which exist on
$X_{3 \text {. that exist of }}$
$X_{4 .}$ that existing at

## Comprehension:

In the following passage some of the words have been deleted. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.
First, the e-commerce industry has historically struggled with (1)__ issues. The Internet has made it possible for customers to place (2) ___ from any location, but that convenience comes with a cost in (3) ___ of shipping costs and order fulfillment times. But by hosting their e-commerce sites on cloud computing platforms, merchants can offload (4) $\qquad$ of the server processing work. These third-party systems still (5) $\qquad$ full control over the look and feel of their online stores.

SubQuestion No : 21
Q. 21 Select the most appropriate option to fill in blank number 1.
$\times 1$. flipping
$\times$ 2. placing
X 3. storing
4. delivery

passage some of the words have been deleted. Read the passage carefully
$t$ the correct ar swer for the given blank out of the four alternatives.
nerce industry has historically struggled with (1)____ issues. The Internethas made it
stomers to place (2)
$\qquad$ from any location, but that convenience comes with a _ of shipping costs and order fulfillment times. But by hosting their e-commerce sites ting platforms merchants can offload (4) $\qquad$ of the server processing work. These ms still (5) $\qquad$ full control over the look and feel of their online stores.
: 22
ppropriate option to fill in blank number 2 .
ng passage scme of the words have been deleted. Read the passage carefully correct answer for the given blank out of the four alternatives. nmerce industry has historically struggled with (1) $\qquad$ issues. The Internet
ssible for customers to place (2) $\qquad$ from any location, but that omes with a cost in (3)__ of shipping costs and order fulfillment times their e-comnerce sites on cloud computing platforms, merchants can offload the server processing work. These third-party systems still (5) $\qquad$ full e look and feel of their online stores.

## No : 23

ost appropriate option to fill in blank number 3 .
passage some of the words have been deleted. Read the passage carefully and select the for the given blank out of the four alternatives. merce industry has historically struggled with (1) $\qquad$ issues. The Internet has made it tomers to place (2) ___ from any location, but that convenience comes with a cost in hipping costs and order fulfillment times. But by hosting their e-commerce sites on cloud orms, merchar ts can offload (4) $\qquad$ of the server processing work. These third-party full control over the look and feel of their online stores.

## Comprehension:

In the following passage some of the words have been deleted. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

First, the e-commerce industry has historically struggled with (1) $\qquad$ issues. The Internethas made it
possible for customers to place (2) $\qquad$ from any location, but that convenience comes with a cost in (3) $\qquad$ of shipping costs and order fulfillment times. But by hosting their e-commerce sites on cloud computing platforms, merchants can offload (4) $\qquad$ of the server processing work. These third-party systems still (5) $\qquad$ full control over the look and feel of their online stores.

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

Ans
$X_{1 .}$ fumigate
$X_{\text {2. discard }}$
3. placate

- 4. retain

Section : General Intelligence
Q. 1 In a certain code language, 'CAPTURES' is coded as '24111206182219', 'DECORATE' is coded as '23524159175'. What is the code for 'EDUCATOR' in that code language?
Ans

1. 2246326201218
2. 2246322601218
3. 2246326201219
4. 224632620218
Q. 2 After arranging the given words according to dictionary order, which word will come at 'Fourth' position?
5. Convert
6. Convex
7. Convect
8. Convent
9. Convict

Ans
$X_{1 .}$ Convert
$X_{2 . \text { Convent }}$
$X_{3 \text {. Convict }}$
4. Convex
ving question below are given some statements followed by some
based on those statements. Taking the given statements to be true even if be at variance from commonly known facts. Read all the conclusions and which of the given conclusion logically follows the given statements.
are pink.
e are pink.
are not cherry.
re cherry.
k are cherry.
nclusion follows
conclusion III follows
er conclusion follows
conclusions I and II follows
on the left side of (::) are related with each other by some Logic/Rule elect the missing word/word pair on the right side of (::) from the given based on the same Logic/Rule/Relation.
: : Yen : ?
Q. 6 Words given on the left side of (::) are related with each other by some Logic/Rule /Relation. Select the missing word/word pair on the right side of (::) from the given alternatives based on the same
Logic/Rule/Relation.

Ans Dog : Bitch :: Bull : ? $X_{1}$. Vixen
$X_{\text {2. Bee }}$
-3. Cow
$X_{\text {4. Goose }}$
Q. 7 By interchanging the given two signs which of the following equation will not be correct?

+ and $\div$
I. $27 \div 3-18 \times 3+9=24$
II. $12 \div 8 \times 12+16-7=19$

Ans
$X_{1}$. Both I and II
2. Only II
$X_{\text {3. Neither I nor II }}$
$X_{4}$. Only I
Question ID : 264330126840
Status: Answered
Chosen Option : 2
Q. 8 Three of the four group of words are alike in some manner. Select the odd group of words.
Ans

1. (Factory, Garage, Casino )
2. (Engineer, Servant, Grocer )
3. (Sailor, Doctor, Painter )
4. (Mechanic, Astronomer, Warrior )
Q. 9 Select the option in which the numbers shares the same relationship in set as that shared by the numbers in the given set. (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)
$(18,9,36)$
$(36,18,72)$
Ans
$X_{1 .}(46,33,132)$
$X_{2 .}{ }_{(24,12,36)}$
$X_{3 .(58,29,118)}$

- 4. $(32,16,64)$

Q. 10


Ans

$\times 3$.

$\times 4$.

Q. 11 Select the figure from the given options that can replace the question mark (?) in the following series.


Ans

$\times 2$

$\times 4$



Two different positions of the same dice are shown, the six faces of which are numbered from 1 to 6 . Select the number that will be on the face opposite to the one having ' 4 '.

Q. 12

Ans

1. 3
$\times 2.2$
$\times 3.1$
$\times 4.5$
Q. 13 Select the option that is related to the fifth number in the same way as the first number is related to the second number and third number is related to fourth number. $5432: 2345:: 6192: 1269:: 7835:$ ?

Ans
$\chi_{1.3587}$
$\times 2.5378$
$X_{3.5387}$
v. 43578
Q. 14 Words given on the left side of (::) are related with each other by some Logic/Rule /Relation. Select the missing word/word pair on the right side of (::) from the given alternatives based on the same Logic/Rule/Relation.
Pen : Write :: Spade : ?
$\times 1$. Draw
2. Dig
$\times$ 3. Grind
X 4. Magnify
language?
$X_{3 \text {. PHHSQ }}$
$x_{4 . \text { PIISR }}$

$X_{2 . \operatorname{PYM}}$
$X_{\text {3. PXK }}$
4. PXI
Q. 17 In the following question, select the missing number from the given series. 20, 22, 26, 32, 40, ?
$X_{1.48}$
$X_{2.54}$
$X_{3.52}$

- 4.50

Question ID : 264330126332

## Q. 18 If $27 \mathrm{~A} 11 \mathrm{~A} 8=8$ and 48 A 37 A $2=9$, then 56 A $5 \mathrm{~A} 3=$ ?

- 1

1. 48
$\times 2.45$
$\times 3.47$
< 4.46

## How many triangles are there in the given figure?

Q. 19


Ans
$\times 1.11$
$\times 2.13$
X3. 12
4. 14
Q. 20 M is the father of $\mathrm{L} . \mathrm{R}$ is the father of $\mathrm{M} . \mathrm{Q}$ is the husband of $\mathrm{S} . \mathrm{L}$ is the brother of Q .

Ans $X_{1 . \text { Mother }}^{\text {How is } S \text { rel }}$
$X_{2 . \text { Daughter }}$
$X_{3 \text {. Niece }}$
4. Daughter in law
Q. 21 In the following question, select the odd letter/letters from the given alternatives.

Ans
$X_{1.0 Q T}$
$x_{2 . \operatorname{ACF}}$
$x_{3 \text {. xzc }}$
4. PRV
Q. 22 What is the total number of buses?


Ans
$\times 1.13$
$\times 2.14$
$\times 3.7$
4. 15

## Q. 23 Select the option in which the numbers shares the same relationship in set as tha

shared by the numbers in the given set.
(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)
$(56,121,242)$
$(78,165,726)$
Ans

1. $(36,99,198)$
$X_{2 .}(44,88,166)$
$X_{3 .(62,98,187)}$
$X_{4 .(28,110,220)}$
Q. 24 Select the option in which the numbers shares the same relationship in set as that shared by the numbers in the given set. (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)
$(59,118,236)$
$(64,128,256)$

$$
\text { 1. }(82,164,328)
$$

2. (63, 126, 242)
$X_{3 .(44,88,186)}$
$X_{4 .}(37,74,138)$
Q. 25 A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened?


Ans

$\times 3$.

$\times 4$.


Section : Quantitative Aptitude

```
Q.1 Average weight of }15\mathrm{ persons is }30\textrm{kg}\mathrm{ . A new person whose weight is 78 kg joins the group. What will be the average
    weight of }16\mathrm{ persons?
Ans
    X1. 31.5 kg
    X2.34 kg
    X3.32 kg
    ~4.33 kg
```

The following bar graph shows the sales of books (in thousands) from 3 branches of a company in three consecutive years 2018, 2019 and 2020.
What is the ratio of the total sales of branch A for the year 2018 to the total sales of branch C for the year 2020?

Q. 2

Ans
$x$ 1. $5: 1$
$\times 2.4: 3$

- $3.1: 5$

X4.1:1
Q. 3 If 5 A 72 B is divisible by 11 , then what is the value of $\mathrm{B}-\mathrm{A}$ ?

Ans

1. 1
$\times 2.4$
$\times 3.3$
$\times 4.2$

If $\tan x=\frac{10}{17}$, then what is the value of $\sin \mathrm{X}$ ?
Q. 4 Ans
x1. $\frac{7}{\sqrt{389}}$
$\times 2 . \frac{9}{\sqrt{389}}$
จ3. $\frac{10}{\sqrt{389}}$
$\times 4 . \frac{17}{\sqrt{389}}$
Q. 5 The average age of a class of 6 girls is $x$ years. Four new girls having ages $x-2, x+4, x+8$ and $x+10$ joins the class. What is the new average age of the class?

Ans

1. $x-2$
2. $x+5$
3. $x+1$
4. $x+2$
Q. $6 \quad 1 / 2$ of a certain sum is lent at 20 percent rate of interest. $2 / 5$ of the remaining sum is lent at 25 percent rate of interest. The remaining sum is lent at 10 percent rate of interest. If the simple interest received on the total sum for 2 years is Rs. 360 , then what is the sum?
Ans
5. Rs. 1000
6. Rs. 1400
7. Rs. 1200

X4. Rs. 800
Q. 7 Angle subtended by a chord AB on the circumference of a circle is 90 degree. If length of chord AB is 16 cm , then what will be radius of this circle?
Ans
X 1.10 cm
$\times 2.12 \mathrm{~cm}$
$\times 3.9 \mathrm{~cm}$
$\checkmark 4.8 \mathrm{~cm}$
Q. 8 If $P: Q=2: 3, Q: R=4: 5$ and $R: S=2: 1$, then what is the value of $P: R: S$ ?

Ans
X1. $9: 10: 15$
$\checkmark$ 2. $16: 30: 15$
X 3. $10: 5: 4$
X4. 12:25:10
Q. 9 If $\mathrm{K}+\frac{1}{\mathrm{~K}}+2=0$ and $\mathrm{K}<0$, then what is the value of $\mathrm{K}^{17}+\frac{1}{\mathrm{~K}^{11}}$ ?

Ans
X 1. -17
X2. 0
3. -2

X4. -1

Two identical circles touch each other externally at point Z . XY is a direct common tangent, which touches the circles at X and Y respectively. What is the $\angle \mathrm{XYZ}$ ?
$\times 1.80$ degree

Ans
$\times 2.95$ degree
$\times 3.85$ degree
4. 90 degree

In $\triangle D E F, M$ and $N$ are the points on sides $D E$ and $D F$ respectively. $M N$ is parallel to $E F$ and $M N: E F=2: 5$. If
Q. $11 \mathrm{DE}=60 \mathrm{~cm}$, then what is the length of ME ?

Ans

1. 36 cm
2. 54 cm
3. 48 cm
4. 24 cm
Q. 12 X alone can complete a work in 18 days and Y alone can do the same work in half time of the time taken by X . Working together what part of the same work they can complete in a day?

Ans

1. $1 / 4$
2. $1 / 3$
3. $1 / 6$
4. $1 / 5$

On Selling a watch at $4 / 5$ of the marked price there is a loss of 10 percent. What will be the ratio of the marked price
Q. 13 and cost price of the watch?

Ans

1. $9: 8$
2. $8: 5$
$\times 3.9: 5$
X4. $6: 5$

What is the value of $\sin ^{2} 21+\sin ^{2} 69 ?$
$\times 1.2$
2. 0.5
$\checkmark 3.1$
$\times 4.0$
Q. 15 The line chart given below shows the salary of 6 employees of a company.


What is the ratio of salary of F to the salary of H ?
Ans

1. $4: 5$
$\times 2.5: 4$
$\times 3.3: 2$
$\times 4.5: 6$

What is the value of $\frac{\frac{1}{2}+\frac{3}{4} \div \frac{1}{4}+\frac{3}{4} \div \frac{1}{2}+\frac{1}{4}}{\frac{3}{4} \times \frac{1}{4} \div \frac{1}{2}-\frac{1}{2} \div \frac{3}{4} \times \frac{1}{4}}$ ?

Ans

1. $126 / 5$
$\times 2.49 / 8$
$\times 3.89 / 6$
$\times 4.116 / 5$

Q. 17 The circumference of the two circles is 77 cm and 154 cm respectively. What is the difference between their radii?

Ans

1. 15 cm
2. 16 cm
, 3.12 .25 cm
X 4.13 .25 cm

What is the value of $(a+b+2 c)\left(a^{2}+b^{2}+4 c^{2}-a b-2 b c-2 c a\right)$ ?
소. $a^{3}+b^{3}+4 c^{3}-6 a b c$
X 2. $a^{3}-b^{3}-c^{3}-6 a b c$
จ. $a^{3}+b^{3}+8 c^{3}-6 a b c$
X4. $a^{3}-b^{3}-8 c^{3}-3 a b c$
Q. 19 slow its usual speed by $14 \mathrm{~km} / \mathrm{hr}$. What is the usual speed of the car?

X $1.77 \mathrm{~km} / \mathrm{hr}$
$\times 2.66 \mathrm{~km} / \mathrm{hr}$
, 3. $70 \mathrm{~km} / \mathrm{hr}$
X $4.63 \mathrm{~km} / \mathrm{hr}$

Q. 20 The table given below shows the production of bike and truck by five companies.

|  | Production |  |
| :--- | :--- | :--- |
| Companies | Bike | Truck |
| D | 700 | 500 |
| E | 450 | 300 |
| F | 500 | 200 |
| G | 250 | 600 |
| H | 300 | 650 |

$\mathrm{A} 1=$ The difference between the total production of bikes and trucks by all the 5 companies.
$\mathrm{A} 2=$ The average production of bike by company $\mathrm{D}, \mathrm{F}$ and H .
What is the value of (A2/A1)?
Ans
-1. 10
$\times 2.5$
X3. 50
$\times 4.1$
Q. 21 What is the value of $(1+\tan \theta-\sec \theta)(1+\cot \theta+\operatorname{cosec} \theta)$ ?

Ans
X 1. -1
$\times 2.0$
-3. 2
X4.1
Q. 22 Out of two numbers, 20 percent of the smaller number is equal to 14 percent of the larger number. If the sum of both the numbers is 8942 , then what is the value of the larger number?
Ans

1. 5260
$\times 2.5040$
$\times 3.5160$
$\times 4.4920$
Q. 23 Side of an equilateral triangle is 12 cm . What will be the radius of incircle of this equilateral triangle?

Ans

1. $2 \sqrt{3} \mathrm{~cm}$

X2. $4 \sqrt{3} \mathrm{~cm}$
$\times 3.3 \mathrm{~cm}$
X 4.4 cm
Q. 24 The line chart given below shows the number of girls in 7 schools.


Number of girls in S1 is how much percent less than the number of girls in S2?
Ans
$\times 1.80$ percent
$\times$ 2. 100 percent
x 3. 150 percent
4. 60 percent
Q. 25 Ram purchases two watches for Rs. 3,500 . By selling one watch at a profit of 25 percent and the other at a loss of 10 percent he neither earns profit nor suffers loss in the whole transaction. What is the cost price of each watch?

Ans

1. Rs. 1000 and Rs. 2500

X 2. Rs. 1500 and Rs. 2000
X 3. Rs. 1250 and Rs. 2250
X 4. Rs. 1500 and Rs. 1720

Section : General awareness

```
Q. 1 Lingaraja Temple is situated in which of the following states of India?
Ans 1. Odisha
\(X_{2 . \text { Maharashtra }}\)
\(X_{\text {3. Karnataka }}\)
4. Tamil Nadu
```

Q. 2 $\qquad$ was the leading producing State of manganese ore accounting for $33 \%$ of total production during 2019-20 in India.
Ans
$X_{1 .}$ Odisha
2. Madhya Pradesh
$X_{\text {3. Maharashtra }}$
4. Karnataka





Q. 17 Which five-year plan was based on the ideas of Mahalanobis? Ans $X$

Fourth five-year plan
$X_{2 \text {. First five-year plan }}$
$X_{3 \text {. Third five-year plan }}$
4. Second five-year plan


| Q. 18 How many |  |
| :---: | :---: |
| Ans | $\chi_{1.3}$ |
|  | $\chi_{2.0}$ |
|  | $\chi_{3.2}$ |
|  | - 4.1 |

Q. 19 Which Indian javelin thrower has been suspended in 2022 (till 2025) for doping?

Ans
$X_{1 .}$ Kashinath Naik
$X_{\text {2. Neeraj Chopra }}$
$X_{\text {3. Devendra Jhajharia }}$
4. Shivpal Singh

Question ID : 264330125 .

Chosen Option : --
Q. 20 Who was the first Indian Army officer to be promoted to the rank of field marshal?

X 1. Karam Singh
2. Sam Manekshaw

X 3. K M Cariappa
X 4. Vikram Batra

Question ID : 264330125

Ans
Q. 21 In the higher latitudes $\left(50^{\circ}-70^{\circ}\right)$ of Northern hemisphere the spectacular Coniferous forests are found. These are also called as

Ans
$X_{1 .}$ Veld
$X_{2 \text {. Tundra }}$
3. Taiga
$X_{4 . \text { Llanos }}$
Q. 22 Little Andaman in the south is separated from the Nicobar Islands by the $\qquad$ .
Ans
1.10 Degree Channel
$X_{2}$
2. 7 Degree Channel
$X_{3.9}$ Degree Channel
$X_{4.8}$ Degree Channel


Ans

1. VOSTRO
2. LIBOR
3. NOSTRO
4. MIBOR
Q. 24 The 42nd Amendment Act, 1976 of the Indian constitution has added which of the following in the preamble to the constitution?
Ans 1. Sovereign
5. Secular
6. Republic
7. Democratic
Q. 25 Which of the following is NOT an output device?

Ans 1. Monitor
2. Dot matrix printer
3. Bar code reader
4. Plotter

