## BExampapers247

## Previous Year Paper 2021

(Held on: 25 May 2022 Shift 1)
English

## Combined Higher Secondary Level Examination 2021 Tier I

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name |  |
| Exam Date | 25/05/2022 |
| Exam Time | $9: 00$ AM - 10:00 AM |
| Subject | CHSL 2021 Tier I |

## Section : English Language

Q. 1 Select the option that can be used as a one-word substitute for the underlined group of words.
Ravi got the job easily because he speaks many languages.
Ans

1. Polyglot
2. Polynomial
3. Polycentric
4. Polysyllabic
Q. 2 Select the most appropriate synonym of the given word. Loathe
Ans
5. Entrench
6. Abhor
7. Abjure
8. Meddle
Q. 3 From among the words given in bold, select the INCORRECTLY spelt word in the following sentence.
The popular ridikule of Puritanism in burlesque and doggerel is best exemplified in Butler's Hudibras.
Ans
9. exemplified
10. ridikule

X 3. burlesque
4. doggerel
Q. 4 Select the most appropriate meaning of the given idiom. A snake in the grass
Ans
$\times 1$. A timid person
2. A deceitful person

- 3. A wealthy person

4. A talkative person
Q. 5 Select the INCORRECTLY spelt word

Ans $\times 1$. Guide
2. Geilty

X 3. Guard
(4. Global
Q. 6 Select the most appropriate option to substitute the underline segment in the given sentence.
During the war, the comedian proved to be a man of music.
Ans
$\times 1$. man of words
2. man of Mars
3. man of straw
4. man of grass
Q. 7 Select the denotation of the highlighted word.

The archer doesn't get perturbed easily.
Ans

1. Initiated
2. Agitated
3. Animated
4. Triumphed
Q. 8 Select the most appropriate option that can substitute the underlined words in the given sentence.
All his bones could be counted because his body was totally shrivelled and wrinkled with age.
Ans
5. wizened

Х 2 . shrunken
<3. dried
<4. bony
Q. 9 Select the most appropriate option to fill in the blank.

Asha was $\qquad$ made a fool by her friend.
Ans
X 1. insistently
2. unknowingly
< 3. innocently
4. deliberately
Question ID: 26433045414
Status : Answered
Chosen Option : $\mathbf{4}$
Q. 10 Select the option that expresses the given sentence in passive voice. You never hear of a happy billionaire.
Ans

1. A happy billionaire is never heard of.
2. A happy billionaire never heard of.
3. A happy billionaire is never heard by you.
4. No one hears a happy billionaire.
Q. 11 Select the option that expresses the given sentence in passive voice. The most recent studies on the human body are likely to alter the face of health sciences.
Ans $\quad \times 1$. The most recent studies on the human body are likely to be altered by the face of health sciences.
5. The face of health sciences will be altering the most recent studies on the human body.
6. The face of health sciences is likely to be altered by the most recent studies on the
human body.
7. The most face of health sciences is likely to alter the recent studies on the human body.
Q. 12 The following sentence has been split into four segments. Identify the segment that contains a grammatical error
The river / flowed besides / the hillock / in our village.
Ans
$\times 1$. in our village
$\times 2$. the hillock
8. flowed besides
9. The river
Q. 13 Select the most appropriate meaning of the given idiom. Tit for tat

Ans
$\times 1$. Prepare to leave
人 2. A wild guess
3. Counter attack
×4. Go smoothly
Q. 14 Select the most appropriate ANTONYM of the underlined word in the following sentence.
Eventually the patient succumbed to her illness.
Ans
$\times 1$. died
2. overcame

- 3. surrendered

4. advanced
Q. 15 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Show me the better dress in the shop.
Ans
$\times 1$. a better
2. a good
3. the best
4. the good
Q. 16 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. Their brother, John, is more blatantly hostile to Jane, reminding her that she is a poor dependent of his mother.
B. Orphaned as an infant, Jane Eyre lives at Gateshead with her aunt, Sarah Reed, as the novel opens.
C. Her female cousins, Georgiana, and Eliza, tolerate, but don't love her.
D. Jane is ten years old, an outsider in the Reed family.

Ans

1. DCAB
$\times 2$. DBCA
2. BDCA
$\times 4$. BACD
Q. 17 Select the INCORRECTLY spelt word.

Ans

1. Beautycian
$\times 2$. Mathematician
$\times$ 3. Musician
2. Technician
Q. 18 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'. At the end of our first two weeks on the island, we were informed that our lawyers, Bram Fischer and Joel Joffe, were going to be visiting the following day.
Ans
$\times 1$. we are informed
X 2. we get inform
3. No substitution required
4. we were inform
Q. 19 Select the most appropriate synonym of the given word.

## Perilous

Ans

1. Dangerous
2. Stimulus
$\times$ 3. Secure
$\times 4$. Impetus
Q. 20 Select the most appropriate synonym of the given word. Serendipity
Ans
X1. Sibilance
3. Godsend
4. Catastrophe
5. Surreptitious

## 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.
Psychologists discovered that there are two routes (1) $\qquad$ achievement: conformity
and originality. Conformity means following the crowd (2) $\qquad$ conventional paths and
(3) the status quo. Originality is taking the road (4) $\qquad$ travelled,
championing a set of novel ideas that go against the grain but (5) $\qquad$ making things better.

SubQuestion No : 21
Q. 21 Select the most appropriate option to fill in blank number 1.

Ans
$\times 1$. against
$\times 2$. on
$\times 3$. off

- 4. to


## 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.
Psychologists discovered that there are two routes (1) $\qquad$ achievement: conformity and originality. Conformity means following the crowd (2) $\qquad$ conventional paths and
(3) $\qquad$ the status quo. Originality is taking the road (4) $\qquad$ travelled,
championing a set of novel ideas that go against the grain but (5) $\qquad$ making things better.

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

Ans

1. down
2. beside
3. since
4. at

## 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.
Psychologists discovered that there are two routes (1) and originality. Conformity means following the crowd (2) $\qquad$ achievement: conformity (3) $\qquad$ the status quo. Originality is taking the road (4) $\qquad$ travelled championing a set of novel ideas that go against the grain but (5) $\qquad$ making things better.

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

Ans
$\times 1$. building
$\times 2$. supplying
$\times 3$. serving

- 4. maintaining


## 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
Psychologists discovered that there are two routes (1) $\qquad$ achievement: conformity and originality. Conformity means following the crowd (2) $\qquad$ conventional paths and
(3) the status quo. Originality is taking the road (4) $\qquad$ travelled,
championing a set of novel ideas that go against the grain but (5) $\qquad$ making things better

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

Ans
$\times 1$. quietly
$\times 2$. far
$\times$ 3. frequently
4. less

## 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.
Psychologists discovered that there are two routes (1) $\qquad$ achievement: conformity and originality. Conformity means following the crowd (2) $\qquad$ conventional paths and
(3) $\qquad$ the status quo. Originality is taking the road (4) $\qquad$ travelled,
championing a set of novel ideas that go against the grain but (5) $\qquad$ making things better.

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

Ans
X 1 . superficially
$\times 2$. disinterestedly
X 3. advertently

- 4. ultimately


## Section : General Intelligence

Q. 1 Select the option that is related to the fifth word in the same way as the second word is related to the first word and the fourth word is related to the third word. (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) Nut and Bolt : Wrenches :: Screw : Screwdriver :: Nail : ?

Ans
$\times 1$. Scissors
$\times 2$. Pliers

- 3. Hammer
$\times 4$. Axe
Q. 2 Which of the following numbers will replace the question mark (?) in the given series?

10, 20,23, ?, 97, 582
Ans
$\begin{array}{r}1.53 \\ \times 10.23 \\ \hline\end{array}$
$\times 2.78$
< 3.82
4. 92
Q. 3 In a certain code language, 'GREAT' is codedas '2015187', 'WORK' is codedas '11181523' and 'GOING' is codedas '7149157'. How will 'WELL' be codedin that language?
Ans
$\times 1.1425431$
$\times 2.3231345$
X 3.1454321
4. 1212523
Q. 4 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.
Ans
$\times 1.25: 100$
2. $22: 66$
< 3.24:96
$\times 4.18: 72$
Q. 5 Which of the following numbers will replace the question mark (?) in the given series? 11, 13, 29, 91, 369, ?
Ans
<1. 1815
2. 1851
$\times 3.1158$
X 4.1518
Q. 6 Select the option that is related to the third word in the same way as the second word is related to the first word. (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) Car : Bonnet :: Boat : ?

Ans

1. Stern
2. Mast
3. Bow
4. Port
Q. 7 Select the option that is embedded in the given figure as its part (rotation is NOT allowed).


Ans


2

$\times 3$.

$\times 4$

Q. 8 In a certain code language, "CLIENT" is written as "LCEITN", and "CLOSED" is written as "LCSODE". How will "FAMILY" be written in that language?
Ans
X 1. FAIMYL
2. AFIMYL

X 3. AFIMLY
X 4. AFMILY
Q. 9 Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?
WDV, TGS, QJP, NMM, ?
Ans
X1.PJK
2. KPJ

X 3.JPK
X4.JKP
Q. 10 Select the correct mirror image of the given combination when the mirror is placed at MN as shown below.
$\left.k \operatorname{kyyg}\right|_{\mathrm{N}} ^{\mathrm{M}}$
Ans
$x 1.2 \mathrm{~g}\langle\varepsilon \mathrm{~g} \boldsymbol{x}$

×3. टg $\angle \mathcal{E}$ к
x4. टg73 к
Q. 11 Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.
14 : 21 :: 34 : ? :: 47 : 87
Ans

- 1.61
< 2.57
$\times 3.65$
<4.53
Q. 12 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

First row: 86, 72, 158
Second row: 98, 111, 209
Third row: 76, 65, ?
(NOTE: Operations should be performed on the whole numbers, without breaking down the number into its constituent digits. For example, 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
$\times 1.148$
$\times 2.131$

- 3.141
$\times 4.137$

Q． 13 Select the option figure which is embedded in the given figure as its part（rotation is NOT allowed）．


Ans

$\checkmark 2$

$\times 3$.

$\times 4$


Q． 14 Select the correct combination of mathematical signs to replace the＊signs and to balance the given equation． 62＊17＊6＊81＊23＊2＊37

Ans
人1．,$+=, \div,-,+, \times$
人2．,$- \times,=,-,+, \times$
人3．$=,-, x,+,-,+$
4．,$+ \times,-,=, \times,+$

Q． 15 Two different positions of the same dice are shown，the six faces of which are coloured Red，Green，Blue，Yellow， Black，White．Select the colour that will be on the face opposite to the one coloured White．


Ans
$\times 1$ ．Red
2．Green
＜3．Black
$\times 4$ ．Blue
Q. 16 A paper is folded and cut as shown. How will it appear when unfolded?


Ans

Q. 17 Select the option that represents the correct order of the given words as they would appear in an English dictionary.
1.Sanitization
2.Sanctuary
3.Salvation
4.Salmon
5.Salesman

Ans
$\times 1.5,3,4,1,2$
X 2. 4,5,3,2,1

- $3.5,4,3,2,1$

X4.4,3,2,1,5
Q. 18 Select the option that represents the correct order of the given words as they would appear in an English dictionary.
1.Curator
2.Culminate
3.Curriculum
4.Culinary
5.Cucumber

Ans

1. $5,4,2,1,3$

X 2. 4,3,2,1,5
< 3. 1,2,3,4,5
<4. 5,4,3,2,1
Q. 19 Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation. 25*5*10*2*4*10
Ans
Х1. $\div, \times,+,-,=$
Х2. $\times, \div,-,+,=$
3.,,$+- \div, \times,=$

Х4. $\div, x,-,+,=$
Q. 20 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

First row- 2, 57, 7
Second row- 6, 225, 3
Third row-5, ?, 2
(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
$\times 1.192$
$\times 2.127$
$\times 3.172$

- 4.129
Q. 21 Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.


## Statements:

All pencils are erasers.
All sharpeners are erasers.
All compasses are sharpeners.
Conclusions:
I. All compasses are erasers.
II. Some compasses are pencils.
III. Some erasers are compass.

Ans

1. Only conclusions I and III follow
2. Only conclusion I follows

X 3. Only conclusion II follows
4. Only conclusions I and II follow
Q. 22 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.
ABZ_PAB_KPABXK_AB_KP
Ans
X1.ACBZ
X2.AYZW
3.KYPW

X4.KCZW
Q. 23 Which of the following numbers will replace the question mark (?) in the given series? 1724, 1716,1689,1625,1500,?
Ans
$\times 1.1296$

- 2.1284
$\times 3.1254$
<4.1280
Q. 24 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

Ans
$\times 1.42: 7$
<2.36:6
$\times 3.48: 8$
4. $24: 8$
Q. 25 How many triangles are there in the given figure?


Ans
$\times 1.30$
$\times 2.24$
$\times 3.28$
4. 26

Section : Quantitative Aptitude
Q. 1 The table below gives the numbers of students from five different colleges who participated in Olympiads of five different subjects during a given year

| Subjects | College A | College B | College C | College D | College E |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Hindi | 110 | 100 | 125 | 103 | 112 |
| English | 98 | 120 | 80 | 122 | 105 |
| Maths | 130 | 110 | 250 | 160 | 180 |
| Science | 100 | 100 | 150 | 200 | 80 |
| GK | 182 | 200 | 120 | 130 | 183 |

Find the difference between 'the range of the numbers of participants in the different Olympiads from College $\mathrm{C}^{\prime}$ and 'the average number of participants per Olympiad from College E' during the given year.

Ans

- 1.38
$\times 2.13$
$\times 3.37$
$\times 4.36$
Q. 2 The Group Leader of a group of 6 students reported that their average weight is 46 kg . When the members of the group were asked about their individual weights, 5 of them answered: $50 \mathrm{~kg}, 52 \mathrm{~kg}, 40 \mathrm{~kg}, 44 \mathrm{~kg}, 48 \mathrm{~kg}$. The 6th member said, "I can't recall my weight". What is his weight?
Ans
$\times 1.43 \mathrm{~kg}$
$\times 2.44 \mathrm{~kg}$
$\times 3.45 \mathrm{~kg}$

4. 42 kg
Q. 3 What will be the smallest natural number to be filled in the blank for the number '23_45678'
to be divisible by 22 ?
Ans
5. 7
$\times 2.1$
$\times 3.9$
$\times 4.3$
Q. 4 If the cost price of 70 articles is equal to the selling price of 40 articles, what will be the profit percentage?
Ans
6. $75 \%$
< 2. 65\%
7. $60 \%$
8. $70 \%$
Q. 5 Kamal purchases 80 articles for $₹ 11,180$ and sells them at a loss equal to the selling price of 6 articles. What will be the selling price of 1 article?
Ans
9. ₹130

X 2. ₹120
< 3. ₹135
4. ₹125
Q. 6 If $a+b+c=10$ and $a b+b c+c a=30$, then the value of $a^{2}+b^{2}+c^{2}$ is:

Ans

1. 40
$\times 2.38$
$\times 3.30$
$\times 4.25$
Q. $7 \mathbf{7 0 0}$ grams of cane sugar solution has $\mathbf{6 0 \%}$ of sugar in it. How much sugar should be added to make it $75 \%$ in the solution?

Ans
$\times 1.320 \mathrm{gm}$
X2. 480 gm
X 3.380 gm
4. 420 gm
Q. 8 If the sum of two numbers is 25 and their product is 144 , then what is the position difference between the two numbers?

Ans
$\times 1.8$

- 2.7
$\times 3.16$
$\times 4.9$
Q. 9 A can do a piece of work in 24 days and $B$ can do it in 80 days. B works alone for 2
days and A works alone on the $3^{\text {rd }}$ day. This process continues till the work is completed. In how many days will the work be completed?
Ans
$\times 1.42$
- 2.45
$\times 3.48$
$\times 4.44$
Q. 10 The difference between the simple interest and compound interest on ₹ 1,000 for 1 year at $20 \%$ per annum, compounded half-yearly, is:
Ans
X1. ₹ 8
X2. ₹ 5
- ₹ 10

X4. ₹ 12
Q. 11 Find the volume of a hemisphere of radius 21 cm . (Use $\pi=22 / 7$ )

Ans
X $1.19400 \mathrm{~cm}^{3}$
X2. $18440 \mathrm{~cm}^{3}$
X 3. $17404 \mathrm{~cm}^{3}$
-4. $19404 \mathrm{~cm}^{3}$
Q. 12 Rakesh runs $4 / 3$ times as fast as Mukesh. In a race, if Rakesh gives a lead of 60 m to Mukesh, find the distance from the starting point where both of them will meet.
Ans
$\times 1.232 \mathrm{~m}$
2. 240 m

- 3.264 m
< 4.255 m
Q. 13 Study the given graph carefully and answer the question that follows.

Production of food grains by a state over the years (1000 tonnes)
QUANTITY OF FOOD GRAIN
IN (1000 TONNES)


What was the percentage drop in the production of food grains from 2018 to 2019 (consider up to two decimals)?

Ans

1. $7.14 \%$
2.5.14\%
× 3.7.02\%
4.6.14\%
Q. 14 If $x^{2}=b-a x$ and $x^{3}\left(x^{3}+c\right)=d$, then which of the following can be the values of c and d ?

Ans
x1.c $=a^{3}-3 a b$ and $d=b^{3}$
x 2. $c=-a^{3}-3 a b$ and $d=b^{3}$
3. $c=a^{3}+3 a b$ and $d=b^{3}$
(4. $c=a^{3}+3 a b$ and $d=-b^{3}$
Q. 15 A bike is purchased for $₹ 50,000$. Its rate depreciates at $10 \%$ annually. In how many years will its value be ₹ 36,450 ?
Ans
-1.3
$\times 2.2$
$\times 3.5$
$\times 4.4$
Q. 16 If $2945 \div 19-11 \times 5=29+a$, find the value of $a$.

Ans
$\times 1.90$
$\times 2.100$
$\times 3.69$

* 4.71
Q. 17 If 15 kg of sugar cost $₹ 600$, what is the cost of 25 kg of sugar?

Ans
X 1. ₹ 1,100
X 2. ₹900
3. ₹1,000
4. ₹800
Q. 18 Nikhil suffers a loss of ₹140 when he sells a perfume at $20 \%$ discount. Find the marked price of the perfume if the cost price is $₹ 380$.
Ans
人 1. ₹280
2. ₹300
3. ₹ 310
4. ₹290
Q. 19 A sphere passes through the eight corners of a cube of side 14 cm . Find the volume (in $\mathrm{cm}^{3}$ ) of the sphere.
Take $\boldsymbol{\pi}=22 / 7$
Ans

1. $4312 \sqrt{3}$

X2. $4012 \sqrt{3}$
-3. $4312 \sqrt{2}$
4. $4012 \sqrt{2}$
Q. 20 If the height and slant height of a right circular cone are 8 cm and 10 cm , respectively,
then the volume of the cone is (use $\pi=\frac{27}{7}$ ): (correct the two decimal places)

Ans
$\times 1.200 \mathrm{~cm}^{3}$
2. $301.71 \mathrm{~cm}^{3}$

X $3.258 \mathrm{~cm}^{3}$
$4.299 .45 \mathrm{~cm}^{3}$
Q.21 A family spends ₹ 240 per month to buy sugar. A rise of $25 \%$ in the price of sugar compels the family to reduce the monthly consumption of sugar by 1.5 kg as it decides to spend the same amount of money on purchase of the commodity. What is the increased price per kg of sugar?
Ans
$\times 1$. ₹ 32
X2. ₹ 35

- 3. ₹40
$\times 4$. ₹ 38
Q. 22 The table below gives the numbers of laptops of three different brands sold from four different multi-brands store in the city during a certain month.

| Laptop <br> Brands |  |  |  |
| :---: | :--- | :--- | :--- |
|  | Dell | HP | Lenovo |
| A | 30 | 45 | 50 |
| B | 25 | 32 | 40 |
| C | 25 | 35 | 38 |
| D | 45 | 29 | 45 |

The number of Lenovo Laptop sold by stores A during the given month is approximately what percentage more than the number of Dell laptops sold by Store D during the same month?
Ans
$\times 1.12 .4$
$\times 2.13 .8$

- 3.11 .1
<4. 10.3
Q. 23

In the following figure, $\triangle \mathrm{ABC}$ is an inscribed triangle as shown and DE is a tangent to the circle at C . Which of the angles from the given options is necessarily equal to $\angle \mathrm{ACD}$ ?


Ans

1. $\angle B A C$
$\times 2 . \angle B C E$
2. $\angle A B C$
3. $\angle B C A$
Q. 24 If $\frac{x-x \operatorname{cosec}^{2} 30^{\circ}}{1+\operatorname{cosec}^{2} 30^{\circ}}=\cos ^{2} 60^{\circ}+4 \cot ^{2} 45^{\circ}-\sec ^{2} 60^{\circ}$, then the value of $x$ is
$\qquad$ -.
Ans
$\times 1 \frac{5}{12}$
4. $-\frac{5}{12}$
$\times 3 \frac{1}{5}$
$\times 4-\frac{1}{12}$
Q. 25 By what percent the new price of the article must be increased to restore its former value, if the cost of the article is cut by $25 \%$ in the past?
Ans
$\times 1.34 \frac{1}{4} \%$
5. $33 \frac{1}{3} \%$

X 3.33\%
X 4.34\%

## Section : General Awareness

Q. 1 Who wrote the autobiography entitled 'I am No Messiah'?

Ans $\times 1$. Sachin Tendulkar
2. Sonu Sood

X 3. Paramahansa Yogananda
4. APJ Abdul Kalam
Q. 2 Who wrote the famous novel 'The Inheritance of Loss'?

Ans $\times 1$. Arundhati Roy
2. Kiran Desai

X 3. RK Narayan
X 4. Vikram Seth
Q. 3 India's men's hockey team beat Pakistan to win a bronze medal in December 2021 at the:

Ans 1. Asian Champions Trophy
X 2. Moinuddowla Gold Cup
X 3. ICC Champions Trophy
X 4. Ghulam Ahmed Trophy
Q. 4 _is the money which is accepted as a medium of exchange because of the trust between the payer and the payee.
Ans

1. Credit money
2. Fiduciary money
3. Fiat money
4. Full bodied money
Q. 5 In which sport are arrows used?

Ans
$\times 1$. Fencing
$\times 2$. Shooting
$\times 3$. Boxing
4. Archery
Q. 6 Rajeev Janardan is an Indian classical $\qquad$ player of the Imdadkhani gharana.
Ans
X 1. tabla
$\times 2$ flute
X 3. harmonium
4. sitar
Q. 7 Tulsidas Borkar, who was awarded with the Padma Shri in 2016, was a player.
Ans
X 1. nadhaswaram
$\times 2$. shehnai
X 3. bansuri
4. Harmonium
Q. 8 Dr. Tamilisai Soundararajan was given the additional charge of $\qquad$ and was sworn in as the Lt. Governor of this Union Territory in February 2021, apart from being the Governor of Telangana.
Ans
X 1. Delhi
2. Puducherry

X 3. Lakshadweep
$\times$ 4. Chandigarh
Q. 9 Aqua regia is an acidic, corrosive and oxidative mixture consisting of volume/volumes of concentrated hydrochloric acid and one volume of concentrated nitric acid, often used to dissolve gold and platinum.
Ans
X1. Two
2. Three
$\times 3$. one
$\times 4$. Four
Q. 10 Maithili Thakur and Lydian Nadhaswaram were bestowed with Sur Jyotsna National Music Awards $\qquad$ -.
Ans

1. 2021
2. 2020
3. 2019
4. 2018
Q. 11 Which compound has the chemical formula $\mathrm{CHCl}_{3}$ whose melting point is 209 K ?

Ans
$\times 1$. Carbon tetrachloride
X 2. Chlorophenol

- 3. Chloroform

X 4. Chloroethanol
Q. 12 Who was the runner-up of Yonex Swiss open 2021 women single badminton tournament?
Ans $\times 1$. Jwala Gutta
2. PV Sindhu

X 3. Saina Nehwal
X 4. Malvika Bansode
Q. 13 Who among the following Sadir dancer received the Padma Shri 2022?

Ans
X 1. Tsering Namgyal
X 2. Sulochna Chavan
3. R Muthukannammal

X 4. Thavil KongampattuavMurugaiyan
Q. 14 The famous Jhaveri sisters are associated with the $\qquad$ classical dance form

Ans
$\times 1$. Odissi
X 2. Bharatanatyam
3. Manipuri
4. Kathak
Q. 15 The Northern Plains of India are made of alluvial soil. They are formed by the interplay of which three rivers?

Ans

1. Ganga, Mahanadi, Indus
2. Indus, Ganga, Brahmaputra
3. Indus, Mahanadi, Brahmaputra
4. Brahmaputra, Mahanadi, Ganga
Q. 16 Which inorganic compound is used to manufacture soap, rayon, paper, explosives, dyes, and petroleum products?

Ans
$\times 1 . \mathrm{NaOCl}$
2. NaOH
3. $\mathrm{CaOCl}_{2}$
4. $\mathrm{NaHCO}_{3}$
Q. 17 Pandit Bhimsen Guracharya Joshi was an Indian classical vocalist born in

Ans

1. Karnataka

X 2. Madhya Pradesh
X 3. Rajasthan
X4. Maharashtra
Q. 18 Which State Government will provide financial support to Indian wrestling till 2032

Olympics?
Ans

1. Uttar Pradesh
2. Bihar

X 3. Jharkhand
X 4. Karnataka
Q. 19 Which red-orange pigment found in plants and fruits, especially carrots and colourful vegetables, acts as a powerful antioxidant that can benefit our brain, skin, lungs, and eye health?

Ans

1. Beta-cryptoxanthin
2. Beta-carotene

X 3. Zeaxanthin
4. Lutein
Q. 20 'Waiting for a Visa' is an autobiographical work of which of the following leaders of India?

Ans
$X 1$. Bhagat Singh
$\times 2$. Bipin Chandra Pal
3. Bhimrao Ramji Ambedkar

X 4. Lala Lajpat Rai
Q. 21 Haleem Khan is associated with which of the following classical dances?

Ans
X 1. Mohiniyattam
$\times 2$. Kathak
3. Kuchipudi

Х4. Bharatanatyam
Q. 22 What test is used where the elements present in the compound are converted from covalent form into the ionic form by fusing the compound with sodium metal?
Ans
X1. Flame test
X 2. D-dimer test
$\times 3$. Blood test
4. Lassaigne's test
Q. 23 Members of Public Accounts Committee are elected for a period of:

Ans

1. one year
< 2. two years
$\times 3$. five years
2. three years
Q. 24 Guru Makar Dhwaja Darogha, was conferred the Padma Shri award for his contribution to which form of dance in India?
Ans
$\times 1$. Panthi
$X$ 2. Saila
3. Chhau
4. Raut Nacha
Q. 25 Which English ecologist was the first to describe the distinctive shape of the food web, which he called the pyramid of numbers?
Ans
X 1. Arthur Tansley
$\times 2$. Eugene Odum
5. Charles Elton
6. Ernst Haeckel

## SSC CHSL

## Combined Higher Secondary Level Examination 2021 Tier I

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name |  |
| Exam Date | $25 / 05 / 2022$ |
| Exam Time | $12: 30$ PM - 1:30 PM |
| Subject | CHSL 2021 Tier I |

## Section: English Language

Q. 1 Select the INCORRECTLY spelt word.

Ans

1. Informassional
< 2. Personne
2. Informal
<4. Personal
Q. 2 Select the most appropriate option to substitute the underline segment in the given sentence.
My sincerity and patience drove me through all odds and problems of life
Ans
3. carried me
4. flew me
5. ran me
6. lifted me
Q. 3 Select the most appropriate meaning of the idiom given in bold in the following sentence.
She was within a hair's breadth of winning.
Ans
$\times 1$. certain
7. desirous
8. narrow margin
9. accomplished
Q. 4 Select the most appropriate option that can substitute the underlined words in the given sentence.
He is an excessively enthusiastic and strict follower of Judaism.
Ans
X 1. a janissary
10. a Zionist
11. a zealot
12. a healer
Q. 5 Select the INCORRECTLY spelt word.

Ans
X 1. Enthusiasm
2. Acomplishment
$\times 3$. Convenience
4. Auxiliary
Q. 6 Select the most appropriate option that can substitute the underlined part in the given sentence.

Her writing is very ilegible and so she loses marks in her exam.
Ans
$\times 1$. illeggible
X 2. illegibel
3. illegible

- 4. illegal
Q. 7 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'. My uncle is doing business in Hyderabad for the last 10 years.
Ans

1. has been doing
2. No substitution required
< 3. did
人4. doing
Q. 8 Complete the sentence with an appropriate synonym of the word mentioned in the bracket.
The party was so amazing that everyone $\qquad$ (hated) leaving it.
Ans
3. loathed
4. enhanced
5. revered
6. embraced
Q. 9 Select the most appropriate synonym of the word given in the brackets to fill in the blank.
Doing adventure sports is banned for athletes as it can be $\qquad$ (perilous).
Ans
X 1. reliable
$\times 2$. worthless
$\times 3$. adventurous
7. treacherous
Q. 10 Select the option that expresses the given sentence in active voice. The library building was renovated in 2020.

Ans
$\times 1$. They were renovating the building in 2020.
X 2. They had renovated the library building in 2020.
3. They renovated the library building in 2020 .
4. They did renovating the building in 2020.
Q. 11 Select the option that expresses the given sentence in active voice. Has the assignment been uploaded by you?
Ans
X 1 . Have you been uploaded the assignment?
2. Have you uploaded the assignment?
3. Did you upload the assignment?
4. Were you uploading the assignment?
Q. 12 Select the option that expresses the given sentence in active voice. Coffee is sipped by me.

Ans
$\times 1$. I have sipped coffee.
2. I sip coffee.
$\times 3$. I have had sipped coffee.
X4.I am sipping coffee.
Q. 13 Select the INCORRECTLY spelt word.

Ans
$\times 1$. Occurrence
X 2. Accommodation
3. Priviledge

4 4. Erroneous
Q. 14 Select the most appropriate ANTONYM of the highlighted word. His liberal policies were responsible for progress in the community.
Ans
$\times 1$. ineffectual
2. conservative
$\times$ 3. central
4. hysterical
Q. 15 In the following passage, a word has been deleted. Read the passage carefully and select the most appropriate option to fill in the blank.
Manpower exporters and overseas recruiters commonly $\qquad$ in illegal business practices for short-term $\qquad$ gain.

Ans
Х 1. honoured, professional
2. indulged, monetary

X 3. regulated, personal
< 4. thrived, devotional
Q. 16 Select the most appropriate meaning of the given idiom. Grease someone's palm
Ans
$\times 1$. Go to battle
$\times 2$. Put in hard work
3. Bribe someone

X4. Be jealous of someone
Q. 17 Select the INCORRECTLY spelt word.

Ans
X 1. Consciousness
X 2. Encyclopaedia
$\times$ 3. Euphemism
4. Embberassment
Q. 18 Select the option that will improve the underlined part of the given sentence. She is educated than her sister.

Ans
$X 1$. far educated
2. more educated
$\chi$ 3. best educated
$\times 4$. good educated
Q. 19 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. I went to college from the eleventh grade and never went to the twelfth grade, and skipped another grade earlier, so I was a pretty young fellow at Morehouse.
B. At the age of fifteen, I entered Morehouse College and my father and my maternal grandfather had also attended, so Morehouse has had three generations of Kings.
C. The professors were not caught up in the clutches of state funds and could teach what they wanted with academic freedom and encouraged us in a positive quest for a solution to racial ills.
D. I shall never forget the hardships that I had upon entering college, for though I had been one of the top students in high school, I was still reading at only an eighth-grade level.
Ans

1. BDAC
$\times 2$. $A B D C$
$\times 3$. ADBC
$\times 4$. BADC
Q. 20 Select the option that will improve the underlined part of the given sentence. I keep telling myself how I am lucky to have such wonderful sisters.
Ans
2. how lucky I am to have

X 2. how lucky I am to having
X 3. how I am lucky for
4. how I am lucky for having

## 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.
Yoga is a personal journey for everyone as now most people are turning to it, not for fitness (1) $\qquad$ , but for the union of both, body and soul. Yoga is an ancient practice that (2)
__ in India. It involves movement, meditation and breathing (3) $\qquad$ to
promote mental and physical well-being. There are many styles of yoga. A person should (4) a style based on their goals and fitness level. If yoga and pranayam are
complemented with other forms of spiritual practice to purify the mental body and other bodies, then a person can achieve rapid spiritual progress in his lifetime. Thus a person can make progress to achieve the purpose of life which is to (5) $\qquad$ with God.

SubQuestion No : 21
Q. 21 Select the most appropriate option to fill in blank number 1.

Ans
$\times 1$. rather
2. change
3. apart
4. alone

## 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
Yoga is a personal journey for everyone as now most people are turning to it, not for fitness (1) $\qquad$ but for the union of both, body and soul. Yoga is an ancient practice that (2) promote mental and physical well-being. There are many styles of yoga. A person should (4) a style based on their goals and fitness level. If yoga and pranayam are complemented with other forms of spiritual practice to purify the mental body and other bodies, then a person can achieve rapid spiritual progress in his lifetime. Thus a person can make progress to achieve the purpose of life which is to (5) $\qquad$ with God.

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

Ans
$\times 1$. settled
$\times$ 2. came
3. originated
4. involved

## 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.
Yoga is a personal journey for everyone as now most people are turning to it, not for fitness (1) $\qquad$ but for the union of both, body and soul. Yoga is an ancient practice that (2)
$\qquad$ in India. It involves movement, meditation and breathing (3) $\qquad$ to
promote mental and physical well-being. There are many styles of yoga. A person should (4) a style based on their goals and fitness level. If yoga and pranayam are complemented with other forms of spiritual practice to purify the mental body and other bodies, then a person can achieve rapid spiritual progress in his lifetime. Thus a person can make progress to achieve the purpose of life which is to (5) $\qquad$ with God.

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

Ans
$\times 1$. senses
2. techniques
$\times 3$. phases
X 4. pursuit

## 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
Yoga is a personal journey for everyone as now most people are turning to it, not for fitness (1) $\qquad$ , but for the union of both, body and soul. Yoga is an ancient practice that (2) promote mental and physical well-being. There are many styles of yoga. A person should (4) a style based on their goals and fitness level. If yoga and pranayam are complemented with other forms of spiritual practice to purify the mental body and other bodies, then a person can achieve rapid spiritual progress in his lifetime. Thus a person can make progress to achieve the purpose of life which is to (5) $\qquad$ with God.

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

Ans

1. choose
2. familiarise
$\times$ 3. make
3. strike

## 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.
Yoga is a personal journey for everyone as now most people are turning to it, not for fitness (1) $\qquad$ but for the union of both, body and soul. Yoga is an ancient practice that (2)
$\qquad$ in India. It involves movement, meditation and breathing (3) $\qquad$ to
promote mental and physical well-being. There are many styles of yoga. A person should (4) a style based on their goals and fitness level. If yoga and pranayam are complemented with other forms of spiritual practice to purify the mental body and other bodies, then a person can achieve rapid spiritual progress in his lifetime. Thus a person can make progress to achieve the purpose of life which is to (5) $\qquad$ with God.

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

Ans
X 1. compete
$\times 2$. progress

- 3. merge

X4. mark

## Section : General Intelligence

Q. 1 Select the correct combination of mathematical signs to replace the * signs and to balance the given equation.
$41^{*} 2^{*} 36^{*} 6^{*} 57^{*} 7^{*} 4^{*} 3$
Ans
<2.,$-=,+, \times,-,+, \times$
3. $\times,+, \div,-,=, x,+$

人4.,,$-+ \times,-,=,+, \times$

Q． 2 Select the correct combination of mathematical signs to replace the＊signs and to balance the given equation． 78＊3＊14＊80＊2
Ans
人1．,$+ \div,=, x$
人2．$+, x,=, \div$
3．$\div,+,=, \div$
人4．,$-=,+, \times$

Q． 3 Two different positions of the same dice are shown，the six faces of which are marked as Ant，Bat，Cat，Dog，Egg，Fog． Select the word that will be on the face opposite to the one showing＇Dog＇．


Ans
1．Fog
人 2．Cat
＜3．Bat
X 4．Egg

Q． 4 Pointing to a lady in a photograph，Vijay said，＂Her sister＇s mother is the sister of my father＇s daughter．＂How is the lady related to Vijay？

Ans
$\times 1$ ．Mother
2．Sister＇s daughter
3．Daughter
4．Sister

Q． 5 Which of the following numbers will replace the question mark（？）in the given series？
28，40，25，？，22， 46
Ans
1.41

2． 43
3． 44
4． 42
Q. 6 Select the correct mirror image of the given combination when the mirror is placed at MN as shown in the figure.
h5r6y2
Ans

$x=s y \partial d e t$
*. Syarct
x4. Sy 9 red
Q. 7 Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation. $25^{*} 5^{*} 10 * 2 * 8 * 11$

Ans
X1. $\div, x,+,-,=$
ㄱ2. $\times, \div,-,+,=$
Х $3 .-,+, \div, \times,=$
4. $\div,-,+, \times,=$
Q. 8 If 3 March 2020 was Tuesday, then what was the day of the week on 3 February 2019 ?

Ans
X 1. Wednesday
$\times 2$. Friday
2. Sunday

X4. Monday
Q. 9 Which letter cluster will replace the question mark (?) to complete the given series? ETRE, AZJG, WFBI, SLTK,?

Ans
X 1. OPLM
2. ORLM
$\times 3$. ORMM
X4. OPMM
Q. 10 A paper is folded and cut as shown below. How will it appear when unfolded?


Ans

Q. 11 Two different positions of the same dice are shown, the six faces of which are marked as Ant, Bat, Cat, Dog, Egg, Fog. Select the word that will be on the face opposite to the one showing 'Fog'


Ans
$X$ 1. Ant
$\times 2$. Dog
X 3. Bat
4. Egg
Q. 12 In a certain code language, 'HISTORY' is written as 'SRHGLIB' and 'RECORD' is written as 'IVXLIW'.How will 'ARCHIVE' be written in that language?
Ans
X 1. ZIXSGEV
X 2. ZIXTREV
3. ZIXSREV

X4. AIXSREV
Q. 13 Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete? WUT, RPO, MKJ, HFE, ?
Ans

1. CAZ
<2. ACZ
2. CZA
-4.AZC
Q. 14 Which of the following numbers will replace the question mark (?) in the given number
series?
56, 68, ?, 128, 176, 236
Ans
$\times 1.80$
<2. 116
$\times 3.74$
3. 92

Q． 15 Select the correct mirror image of the given combination when the mirror is placed at MN as shown．
$\left.\operatorname{ear} 692\right|_{N} ^{M}$
Ans
x1．てeд」бя
x2．sedдея
x se6rse
＊4．Seдィкя

Q． 16 Select the set in which the numbers are related in the same way as are the numbers of the following set．
$(75,25,28)$
$(136,34,38)$
（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
$\times 1 .(27,9,15)$
$\times 2 .(45,9,12)$
$\times 3 .(55,5,11)$
－4．$(105,35,38)$

Q． 17 In a certain code language，＇CAPON＇is written as＇EYRMP＇and＇DECOY＇is written as ＇FCEMA＇．How will＇POWER＇be written in that language？
Ans
1．RQGDT
2．RMYCT
－3．RMWDT
X 4．RNVDV

Q． 18 Select the correct combination of mathematical signs to replace the＊signs and to balance the given equation．
96＊6＊ 24 ＊49＊25
Ans
1．$+, x,=, \div$
ㅈ․ $\div,-,=,+$
X3．,,$-+ \times,=$
4．$\times, \div==,-$
Q. 19 Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation. $57^{*} 35^{*} 7^{*} 14^{*} 2^{*} 34$
Ans
1.,$+ \div,-, \times,=$
$\times 2 . \times,+, \div,-,=$
X $3 .-, \div,+, \times,=$
人4.,,$+- \times, \div,=$
Q. 20 Study the given pattern carefully and select the number that can replace the question mark (?) in it.
First row- 6,39, 124
Second row- 8 , 53, ?
Third row- 11, 74, 229
(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
$\times 1.111$
$\times 2.161$
$\times 3.116$
4. 166
Q. 21 Study the given pattern carefully and select the number that can replace the question mark (?) in it.
First row: 3, 2, 30
Second row: 7, 5, 175
Third row: 4, 6, ?
(NOTE: Operations should be performed on the whole numbers, without breaking
down the number into its constituent digits. For example, 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
$\times 1.125$
$\times 2.110$
ح. 3.120
$\times 4.140$
Q. 22 Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.
DENIAL : IANDEL :: OBJECT : ECJOBT :: FLAVOR : ?
Ans

1. VOAFLR
2. OVAFRL
3. VOAFRL
<4. OVFARL
Q. 23 Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term. YAR : RAY :: TCA : ACT :: TAB : ?
Ans
X1.TBA
$\times 2 . A B T$
$\times 3$. ATB
4. BAT
Q. 24 Select the Venn diagram that best illustrates the relationship between the following classes.
King, Father, Queen
Ans

5. 


$\times 3$.

$\times 4$

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


Ans
$\times 1$.

$\times 2$

$\times 4$.


Question ID : 26433040397
Status: Answered

Section: Quantitative Aptitude
Q. 1 In Class 8 of a school, the ratio of students playing cricket to those playing football is $27: 13$, while the ratio of those playing football to those playing hockey is $26: 14$. If the total number of students in Class 8 is 470 , and each student plays exactly one game, find the percentage of students of the class playing cricket. [Give your answer correct to two decimal places.]
Ans
X1.55.47\%
$\times 2.54 .75 \%$
3. $57.45 \%$
<4.56.35\%
Q. 2 The table below provides information about the marks obtained by a group of students in a test.

| Marks | No. of <br> Students |
| :---: | :---: |
| Less than 10 | 2 |
| Less than 20 | 5 |
| Less than 30 | 6 |
| Less than 40 | 8 |
| Less than 50 | 10 |

How many students scored at least 30 marks but less than 40 marks in the test?

Ans
$\times 1.8$
2.3
$\times 3.1$

- 4.2
Q. 3 If $\sec \theta-\cos \theta=14$ and $14 \sec \theta=x$, then the value of $x$ is $\qquad$ .
Ans

1. $\tan ^{2} \theta$
2. $\sec ^{2} \theta$

- $3.2 \sec \theta$

4. $2 \tan \theta$
Q. 4 If $x+\frac{1}{x}=-13$, what is the value of $x^{4}+\frac{1}{x^{4}}$ ?

Ans

1. 27887
2. 27891
<3. 29243
3. 28561
Q. 5 If $\left(x+\frac{1}{x}\right)=7.5$, what is the value of $\left(X^{3}+\frac{1}{X^{3}}\right)$ ?

Ans 1. 54.25
$\times 2.52 .25$
$\times 3.56 .25$
4. 58.25
Q. 6 The population of a city increases at the rate of $10 \%$ per annum. If the population of the city was 2 crore in 2018, then the population of the city in the year 2021 was:
Ans
$\times 1.2 .3$ crore
$\times 2.2 .6$ crore
3. 2.662 crore

X 4. 2.42 crore
Q. 7 What will be a single equivalent discount for successive discounts of $20 \%, 40 \%$ and $75 \%$ on the marked price of an item?
Ans
$\times 1.65 \%$
X2.78\%
3. $88 \%$
$\times 4.45 \%$
Q. 8 Study the given graph carefully and answer the question that follows.


In which of the following years was the sales of company 1 exactly half of the total sales of companies 2 and 3 together in that year?

Ans
$\times 1.2019$
$\times 2.2021$

- 3. 2016
<4. 2020
Q. 9 In a company there are only two types of employees, workers and officers. $35 \%$ of the employees are officers and the average monthly salary of an officer is ₹39,000 more than the combined average monthly salary of an employee. What is the difference between the average monthly salaries of an officer and a worker?
Ans
X 1. ₹52,650
X2. ₹50,700
X 3. ₹64,350

4. ₹ 60,000
Q. 10

Simplify $\left[7 \frac{1}{2} \div\left\{1 \frac{1}{4}-\frac{1}{2}\left(2 \frac{1}{2}-\overline{\frac{1}{4}-\frac{1}{6}}\right)\right\}\right] \div\left(\frac{1}{2}\right.$ of $\left.8 \frac{1}{3}\right)$.
Ans
$\times 1.26$
$\times 2.36$

- 3.43 .2
$\times 4.23 .6$
Q. 11 If, in a family, consumption of sugar is $6 \mathbf{k g}$ for 24 days, then what is the consumption of sugar for 18 days?
Ans
$\times 1.3 .75 \mathrm{~kg}$
$\times 2.4 \mathrm{~kg}$
Х 3.3 .6 kg
*. 4.5 kg
Q.12 A pond is 50 m long, 35 m wide and 2.5 m deep. Find the capacity of the pond.

Ans
$\times 1.4165 \mathrm{~m}^{3}$
2. $4375 \mathrm{~m}^{3}$
$\times 3.4165 \mathrm{~m}^{3}$
$\times 4.3850 \mathrm{~m}^{3}$
Q. 1316 men can paint 15 walls in 45 days. In how many days can 20 men paint 20 walls?

Ans
$\times 1.40$
$\times 2.60$

- 3.48
$\times 4.45$
Q. 14 The cost price of an article is Rs. 6,450 . If it sold at a profit $16 \%$, how much would be its selling price?
Ans

1. Rs.7,482

X 2. Rs.7,428
X 3.Rs.7,842
4. Rs.7,282
Q. 15 In a Panchayat election, three candidates were there in the fray. The losing candidates got an equal number of votes and the winning candidate got as many votes as the rest of the two got collectively. If the total votes polled were 1500 , find the number of votes that the winning candidate got assume all votes polled were valid.
Ans

- 1.750
$\times 2.625$
$\times 3.575$
$\times 4.800$
Q. 16 A shopkeeper wanted to sell ₹ 2,700 worth of products. But he had two options giving two successive discounts of $10 \%$ and $15 \%$, respectively, or giving a single discount of $25 \%$. What was the difference between the two options?
Ans

1. ₹40.50

人2. ₹42.75
X 3 . ₹ 44.00
X4. ₹ 47.50
Q. 17 On dividing 8675123 by a certain number, the quotient is 33611 and the remainder is 3485. The divisor is $\qquad$ .
Ans
$\times 1.538$
2. 258
$\times 3.248$
$\times 4.356$
Q. 18 RA and RB are two tangents from a common point ' $R$ ' outside the circle with centre ' $O$ ', having a radius of $\mathbf{6 ~ c m}$. If $\angle A R B=70^{\circ}$, find the measure of the angle $A O B$.
Ans
$\times 1.130^{\circ}$

- $2.110^{\circ}$
$\times 3.120^{\circ}$
$\times 4.80^{\circ}$
Q. 19 The given table shows the consumption of grains (in kilograms)by a village per day over the given set of years. Study the table and answer the following question.
For which set of years (in options) is the combined consumption per day equal to that for the other set of years?

| Year | Rice | Wheat | Maize | Barley |
| :---: | :---: | :---: | :---: | :---: |
| $1998-2000$ | 181 | 50 | 35 | 26 |
| $2003-2005$ | 167 | 44 | 39 | 17 |
| $2008-2010$ | 169 | 38 | 49 | 25 |
| $2013-2015$ | 150 | 45 | 51 | 21 |
| $2018-2020$ | 147 | 54 | 63 | 24 |

Ans
X 1. 1998-2000 and 2008-2010
X 2. 2008-2010 and 2013-2015
3. 2003-2005 and 2013-2015

X 4. 1998-2000 and 2003-2005
Q. 20 If the total surface area of a cube is $96 \mathrm{~cm}^{2}$, then find the volume of the cube.

Ans
$1.64 \mathrm{~cm}^{3}$
$\times 2.82 \mathrm{~cm}^{3}$
$\times 3.27 \mathrm{~cm}^{3}$
$\times 4.74 \mathrm{~cm}^{3}$
Q. 21 Find the surface area of a cuboid 17 m long, 8 m broad and 3 m high.

Ans
$\times 1.420 \mathrm{~m}^{2}$
$\times 2.417 \mathrm{~m}^{2}$
X $3.402 \mathrm{~m}^{2}$
4. $422 \mathrm{~m}^{2}$
Q. 22 A worker’s average income for a week is ₹180. He earned ₹115, ₹212, ₹170, ₹165, ₹185, and ₹225 from Monday to Saturday. Find his Sunday’s income.
Ans

1. ₹191
2. ₹188
3. ₹195
4. ₹178
Q. 23 The time taken by a 180 m long train running at a speed of $54 \mathrm{~km} / \mathrm{h}$ to cross a man standing on the platform is:
Ans
$\times 1.10$ seconds
5. 12 seconds
6. 11 seconds
7. 9 seconds
Q. 24 If 49 litres of a milk solution has $63 \%$ milk in it, then how much milk should be added to make the concentration of milk $70 \%$ in the solution?
Ans
$11 \frac{13}{30}$ litres
8. $14 \frac{7}{30}$ litres
${ }^{\times 3} 12 \frac{11}{30}$ litres
$\times 4.13 \frac{1}{30}$ litres
Q. 25 If $x+y+z=0$, then find the value of $x^{3}+y^{3}+z^{3}-3 x y z$.

Ans
$\times 1.1$
X2. $x^{3}+y^{3}+z^{3}$
3. 3xyz
$\times 4.0$

Section : General Awareness
Q. 1 Who among the following personalities has written the National Song 'Vande Mataram'?
Ans
X 1. Sarojini Naidu
2. Bankim Chandra Chattopadhyay
3. Rabindra Nath Tagore
4. Sri Aurobindo
Q. 2 Identify the element that helps to trap light energy that is essential for photosynthesis.
Ans
$\times 1$. Cristae
X 2. Amyloplasts
3. Carotenoid

X 4. Vacuoles
Q. 3 Which of the following novels is NOT written by Amitav Ghosh?

Ans $\times 1$. The Circle of Reason
2. A Suitable Boy
$\times$ 3. Sea of Poppies
$\times$ 4. The Shadow Lines
Q. 4 The foreign exchange reserves in India crossed the landmark of $\qquad$ in June 2021.

Ans
X1. US\$ 900 trillion
X 2. US\$ 600 trillion
3. US\$ 600 billion
$\times 4$. US\$ 900 billion
Q. 5 Reni Village in Garhwal was known for what environmental movement in 1970?

Ans $\times 1$. Save Silent Valley Movement
2. Chipko Movement

X 3. Jungle Bachao Andolan
X 4. Appiko Movement
Q. 6 Who is the recipient of 2021 Abhinandan Saroja National Award?

Ans $\times 1$. Sujata Mohapatra
X 2. Gopika Varma
X 3. N Amusana Devi
4. Aparna Satheesan
Q. 7 Under the electron microscope, which cell organelle is visible as either clusters or single, small dots that float freely in the cytoplasm?
Ans
$\times 1$. Golgi apparatus
2. Ribosomes
< 3. Vesicles
X4. Peroxisomes
Q. 8 The equipment bolt is used in which sport?

Ans $\times 1$. Swimming
2. Mountaineering

X 3. Cycling
4. Motor sports
Q. 9 Who among the following is the first ever Grammy award winner from India?

Ans $\quad \times$ 1. Pt Hari Prasad Chaurasia
2. Pt Ravi Shankar

X 3. Ustad Zakir Husain
X 4. Pt Shiv Prakash Sharma
Q. 10 Among the following freedom fighters of India, whose autobiography is 'Why am I an Atheist'?

Ans

1. Ras Behari Bose
2. Bhagat Singh

X 3. Ram Prasad Bismil
<4. Aurobindo Ghosh
Q. 11 Padma Shri awardee Guru Amubi Singh was conferred the award for his significant contributions in which of the following dance forms?
Ans
X 1. Kathak
2. Manipuri

X 3. Bharatanatyam
4. Odissi
Q. 12 was first trained in classical music under her father Ustad 'Baba' Allauddin Khan, and established the Maihar-Senia gharana with his help.
Ans
$\times 1$. Anupama Bhagwat
2. Annapurna Devi

X 3. Roopa Panesar
X 4. Sahana Banerjee
Q. 13 The Guinness world record for the highest number of songs recorded in a day is held by an Indian Playback Singer. How many songs in a day were recorded?
Ans
$\times 1.34$
$\times 2.26$
$\times 3.30$

- 4.28
Q. 14 Who among the following is NOT a part of the Union Executive?

Ans
$\times 1$. The Prime Minister of India
X 2. The President of India
3. The Supreme Court of India
$\times 4$. The council of ministers
Q. 15 Who among the following personalities received the Prestigious National Nritya Shiromani Award 2022?

Ans
X 1. Vedantam Ramalinga Sastry
$\times$ 2. Deepa Sashindran
X 3. KV Satyanarayana
4. Aparna Satheesan
Q. 16 Which group is on the second column from the right in the periodic table and contains fluorine ( F ), chlorine (CI), bromine (Br), iodine (I), astatine (At) and tennessine (Ts)?
Ans
$\times 1$. Group 16
$\times 2$. Group 15
$\times 3$. Group 13
4. Group 17
Q. 17 In the case of Mohammad Salimullah vs $\qquad$ , the Supreme Court observed in 2021 that the 'Right not to be deported' is concomitant to Article 19 and available only to Indian citizens?

Ans

1. State of Maharashtra
2. Union of India
$\times$ 3. State of Tripura
X 4. Union Territory of Lakshadweep
Q. 18 The $13^{\text {th }}$ ICC ODI Cricket World Cup will be organised by

Ans $\times 1$. England
$\times 2$. South Africa
X 3. West Indies
4. India
Q. 19 In July 2021, in which state/Union Territory did the Ministry of Social Justice and Empowerment of the Government of India launch the 'Samajik Adhikarita Shivir' for the distribution of assistive devices and aids to 'Divyangjan'?
Ans

1. Chhattisgarh
$\times 2$. Delhi
2. Madhya Pradesh

X4. Punjab
Q. 20 What type of forests are found north and south of the equator between $40^{\circ}$ and $60^{\circ}$ where rainfall is high, between $\mathbf{5 0 0} \mathbf{- 1 5 0 0} \mathbf{~ m m}$ in a year?

Ans
$\times 1$. Taiga forests
$\times 2$ 2. Coniferous forests
$\times$ 3. Mediterranean forests
4. Temperate deciduous forests
Q. 21 What type of rocks were once igneous or sedimentary, but have metamorphosed as a result of intense heat and/or pressure within the Earth's crust?
Ans

1. Granite
2. Quartzite
3. Sandstone
4. Basalt
Q. 22 Who among the following is the author of 'Set the Boy Free'?

Ans
X 1. David Niven
2. Johnny Marr

X 3. Paul Kalanithi
X 4. Bill Browder
Q. 23 Which of the following artificial colouring agents is used in dietary supplements, sauces, soups and broths, bakery, dairy fats and oils, seafood, condiments, breath fresheners, desserts, convenience foods and beverages?
Ans

1. Acid fuchsin

X 2. Orange G
X 3. Oil red $O$
4. Quinoline yellow
Q. 24 Launched in April 2021, the PM Umeed Scheme aims to provide skills training to around three lakh youths to become entrepreneurs. The tenure of this scheme is upto

Ans
X 1. 2027-28
$\times 2$ 2023-24
3. 2025-26
<4.2029-30
Q. 25 Aparna Satheesan, a US based exponent of Bharatanatyam/Kuchipudi, won the prestigious Abhinandan Saroja National Award by the National Institute of Indian Classical Dance in which of the following years?

Ans

1. 2021
2. 2011
-3. 2017
3. 2005

## SSC CHSL

## Combined Higher Secondary Level Examination 2021 Tier I

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name |  |
| Exam Date | 25/05/2022 |
| Exam Time | 4:00 PM - 5:00 PM |
| Subject | CHSL 2021 Tier I |

## Section : English Language

Q. 1 Select the most appropriate meaning of the given idiom.

A storm in a tea cup
Ans

1. Tasty tea
2. The tea in which spices are added
3. A lot of anger and worry about trivial things
4. To enjoy tea during a storm
Q. 2 Select the option that will improve the underlined part of the given sentence. I was look forward to helping you complete the project.

Ans
Х 1. look forward helping
2. look forward to helping
3. look forwarding to helps
4. look forwarding to helping
Q. 3 Select the INCORRECTLY spelt word.

Ans $\times 1$. Leverage
2. Oscilate
3. Bonfire
4. Ensue
Q. 4 Select the denotation of the highlighted word. The tie complements the shirt he is wearing.
Ans
X 1. disarrays
$\times 2$. Relegates
3. Matches
4. Drains
Q. 5 Select the option that expresses the given sentence in indirect speech. He said, "It's been raining since last night."
Ans
$\times 1$. He said that it had rained since last night.
2. He said that it had been raining since the night before.

X 3. He's said that it had been raining since yesterday.
$\times 4$. He said that it's raining since last night.
Q. 6 Select the denotation of the highlighted word.

His finicky attitude was the main cause of the conflict.
Ans

1. Fussy
2. Indolent
< 3. Hasty
3. Nervous
Q. 7 Select the option that will improve the underlined part of the given sentence. She bought the fine cloth in the store.
Ans
$\times 1$. more fine
4. finest
5. most fine
6. finer
Q. 8 Select the most appropriate ANTONYM of the given word. Primitive
Ans
X 1. Technical
$\times 2$. Racial
7. Sophisticated
$\times 4$. Agricultural

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

One day, I was handed a few volumes of new literature unlike anything I had ever read before and so $\qquad$ as to make me utterly forget my hopeless state.
Ans
Х1. repelling
2. captivating
$\times 3$ boring
$\times$ 4. unrealistic
Q. 10 Select the most appropriate meaning of the given idiom. Tell upon
Ans
$\times 1$. To strike hard
$\times$ 2. to advise someone
3. To affect adversely
$\times 4$. To write down
Q. 11 Select the most appropriate ANTONYM of the highlighted word.

They bestow upon him whatever he wishes
Ans
$\times 1$. intensify
$\times 2$. gift
3. deny

Х 4. classify
Q. 12 Select the option that can be used as a one-word substitute for the given group of words.
The study of population and its dynamics
Ans
X 1. Democracy
2. Demography

X 3. Dysgraphia
⒋ Dermatology
Q. 13 Select the most appropriate option to fill in the blank.

The roof $\qquad$ the weight of the snow.
Ans

1. collapsed under
2. collapsed to
3. collapsed with
4. collapsed for
Q. 14 Select the INCORRECTLY spelt word.

Ans
人1. Ministry
$\times 2$. Attention
$\times 3$. Attitude
4. Mimikry
Q. 15 Select the option that expresses the given sentence in active voice.
'Don Quixote' was written by Miguel Cervantes.
Ans
Х 1. Miguel Cervantes was writing 'Don Quixote'.
2. Miguel Cervantes wrote 'Don Quixote'.

X 3iguel Cervantes had written 'Don Quixote'.
X 4. Miguel Cervantes has written 'Don Quixote'.
Q. 16 In the following questions a statement has been given with highlighted text. Select the options that can replace the text with correct idiom or phrase. The trainee performed the task with extreme ease.

Ans
$\times 1$. At the eleventh hour
X 2. Call it a day
X 3. Swan song
4. A piece of cake
Q. 17 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
He has been / excused by the teacher / by the time a formal complaint / for bullying was made.
Ans

1. excused by the teacher
< 2. for bullying was made
$\times 3$
2. by the time a formal complaint
3. He has been
Q. 18 The following sentence has been split into four segments. Identify the segment that contains an INCORRECTLY spelt word.
The mother's tired and overrought mind could not process / the information of the demise of her only son / and she sat like a statue even when her / tormentors passed several obnoxious comments.
Ans
4. her tormentors passed several obnoxious comments
5. The mother's tired and overrought mind could not process
6. the information of the demise of her only son
7. and she sat like a statue even when her
Q. 19 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'. Manoj was living in the city since 1993.
Ans
8. has been living
$X 2$. No substitution required
X 3 . is living
$\times 4$. will be living
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. His mother, whose name no one knows, is found on the street, and dies just after Oliver's birth.
B. After the other boys bully Oliver into asking for more gruel at the end of a meal, Mr. Bumble offers five pounds to anyone who will take the boy away from the workhouse. C. Oliver Twist is born in a workhouse in 1830s England.
D. Oliver spends the first nine years of his life in a badly run home for young orphans and then is transferred to a workhouse for adults.

Ans
$\times 1$. CBDA
$\times 2$ 2. CDAB
$\times 3$. BDCA

- 4. CADB


## Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the options given. Select the most appropriate option for each blank.
In terms of education, children must receive proper care, (1) $\qquad$ and schooling. By
(2) $\qquad$ child marriage, the best possible future of children can be (3) $\qquad$ When there is an economic crisis, many programmes must be held so that they can (4) $\qquad$ how to fight for themselves (5) $\qquad$ and efficiently.

SubQuestion No : 21
Q. 21 Select the most appropriate option to fill in blank No.1.

Ans

1. guidance
2. dress
3. food
4. help

## Comprehension

In the following passage, some words have been deleted. Fill in the blanks with the help of the options given. Select the most appropriate option for each blank
In terms of education, children must receive proper care, (1) $\qquad$ and schooling. By (2) $\qquad$ child marriage, the best possible future of children can be (3) $\qquad$ When there is an economic crisis, many programmes must be held so that they can (4) $\qquad$ how to fight for themselves (5) $\qquad$ and efficiently.

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

Ans
$\times 1$. violating
$\times$ 2. allowing
$\times 3$. ignoring
4. outlawing

## Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the options given. Select the most appropriate option for each blank
In terms of education, children must receive proper care, (1) $\qquad$ and schooling. By (2) $\qquad$ child marriage, the best possible future of children can be (3) $\qquad$ When there is an economic crisis, many programmes must be held so that they can (4) $\qquad$ how to fight for themselves (5) $\qquad$ and efficiently.

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

Ans

- 1. envisioned

2. navigated
3. awaited
4. scheduled

## Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the options given. Select the most appropriate option for each blank.
In terms of education, children must receive proper care, (1) $\qquad$ and schooling. By (2) $\qquad$ child marriage, the best possible future of children can be (3) $\qquad$ When there is an economic crisis, many programmes must be held so that they can (4) $\qquad$ how to fight for themselves (5) $\qquad$ and efficiently.

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

Ans

1. Learn
2. Plan
3. Educate
4. teach

## Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the options given. Select the most appropriate option for each blank.
In terms of education, children must receive proper care, (1) $\qquad$ and schooling. By (2) $\qquad$ child marriage, the best possible future of children can be (3) $\qquad$ When there is an economic crisis, many programmes must be held so that they can (4) $\qquad$ how to fight for themselves (5) $\qquad$ and efficiently.

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

Ans
$\times 1$. Eloquently
2. effectively
3. abruptly
4. Affectively

## Section: General Intelligence

Q. 1 In a certain code language, 'GOLD' is written as 'HPME', and 'FAKE' is written as 'GBLF'. How will 'SOAP' be written in that language?
Ans
$\times 1$. TPQB
$\times 2 . \mathrm{TBPQ}$
Х 3.PTBQ
4. TPBQ
Q. 2 Select the correct mirror image of the given combination when the mirror is placed at MN as shown.

FG62sPt $\left.\right|_{N} ^{M}$
Ans
ง925วอ7
×2.9гऽวอヲ

*4. f925วอ
Q. 3 Select the correct combination of mathematical signs to replace the * signs and to balance the given equation. $64^{*} 4^{*} 3^{*} 71^{*} 19^{*} 5^{*} 43$
Ans
X1. $-,+, x,=,-, x$
人2.,$+=, \times, \div,-,+$
ㄱ․ $\times,+,=,-, \times,-$
4. $\div,+,=,-, \times,+$
Q. 4 Pointing to a woman in a picture, Taran said, "She is the mother of the father-in-law of my husband". How is Taran related to that woman?
Ans
X 1. Mother
2. Granddaughter
(3. Sister

X 4. Daughter
Q. 5 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.
Ans
$\times 1.3: 7$
$\times 2.15: 63$
$\times 3.8: 26$
4. $23: 123$
Q. 6 Which of the following numbers will replace the question mark (?) in the given series?

4, 9, 17, 30, 50, 81, 125, ?
Ans

1. 186
2. 166

「3.168
<4. 163
Q. 7 Select the option that is related to the third word in the same way as the second word is related to the first word. (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)
Cow : Bull :: Mice : ?
Ans
X 1. Cat
2. Fox
3. Mouse
4. Dog
Q. 8 Two different positions of the same dice are shown, the six faces of which are numbered from 11 to 16 . Select the number that will be on the face opposite to the one showing ' 12 '.


Ans
$\times 1.13$
$\times 2.16$

- 3.14
$\times 4.11$
Q. 9 If A denotes ' + ', B denotes ' $x$ ', $C$ denotes ' - ' and $D$ denotes ' $\div$ ', then what will come in place of '?' in the following equation? 41 C 29 A (38 B 3) D 19 A 61 C 17 = ?
Ans
1.70
$\times 2.66$
$\times 3.58$
- 4.62
Q. 10 Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.
25 :4 :: 64 : ? :: 225 :14
Ans
$\times 1.8$
$\times 2.10$
- 3.7
$\times 4.9$
Q. 11 Which of the following numbers will replace the question mark (?) in the given series?

569, 526,483,440,397,?
Ans
$\times 1.369$
$\times 2.340$
< 3.326
4. 354
Q. 12 In a certain code language, 'FLEECE' is written as 'EFCLEE' and 'OVERCOAT' is written as 'TOAVOECR'. How will 'MITTEN' be written in that language?
Ans
< 1. NMIETT
2. NMEITT
(3. NMETIT
< 4. NEMITT
Q. 13 Select the correct combination of mathematical signs to replace the * signs and to balance the given equation.
31*29*43*85*5
Ans
X1.,$+ \times,=,-$
2.,,$+-=, \div$

X $3 .+,+,=, \times$
$\times 4 .=,+,-, \div$
Q. 14 Which letter-cluster will replace the question mark (?) to complete the given series? ZFOE, PYUA, FRAW, VKES, ?
Ans
X 1. KDIO
X 2. KClO
3. LDIO
4. LClO
Q. 15 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.
Ans

1. $33-24$
$\times 2.54-36$
$\times 3.45-30$
$\times 4.48-32$
Q. 16 A paper is folded and cut as shown. How will it appear when unfolded?


Ans


$\checkmark 2$.

$\times 3$.


Q. 17 Select the option that is related to the fifth term in the same way as the second term is related to the first term and fourth term related to third term.

9 : 270 :: 15 : 450 :: 13 : ?
Ans

1. 390

- 2.385
$\times 3.380$
-4.395

Q． 18 Select the correct mirror image of the given combination when the mirror is placed at MN as shown．
$\left.\operatorname{deg} 472\right|_{N} ^{M}$
Ans
$x 1 . S \angle \nabla g 9 b$
×2．乙гА g9 p

メ4．そгヵ ฉәр

Q． 19 Select the option figure which is embedded in the given figure as its part（rotation is NOT allowed）．


Ans

$\times 3$.

4.


Q． 20 Which letter－cluster will replace the question mark（？）to complete the given series？
ERKV，HYVK，？，NMRO，QTCD
Ans
－1．KFGZ
X 2．KSEV
X 3．FNQI
X4．KXGW
Q. 21 How many triangles are there in the given figure?


Ans

1. 28

- 2.26
$\times 3.22$

4. 24
Q. 22 Select the option that represents the correct order of the given words as they would appear in an English dictionary
1.Vantage
2.Wherefore
3.Uplift
4.Various
5.Variety
6.Valor

Ans

1. $3,6,1,5,4,2$
2. $3,1,6,4,5,2$
$\times 3.3,6,1,4,5,2$
X. $4,3,1,5,4,2$
Q. 23 In a certain code language, 'COMPUTER' is written as 'RETUCOMP' and 'LAPTOP' is written as 'POTLAP'. How will 'BOTTLE' be written in that language?
Ans
3. ELTBOT

人 2. ELTBTO
3. ETLBOT
4. ELTTOB
Q. 24 Which of the following numbers will replace the question mark (?) in the given series? 14, 14, 12, 36, 32, 160, ?
Ans
$\times 1.150$
$\times 2.166$

- 3.154

X4. 145
Q. 25 Three Statements are given followed by Three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statements:
All books are copies.
No copy is a pen.
Some erasers are books.
Conclusions:
I. Some copies are erasers.
II. Some pens are books.
III. No eraser is a pen.

Ans

1. Only conclusion II follows.

X 2. Both conclusions I and II follow.
3. Both conclusions I and III follow.
4. Only conclusion I follows.

## Section : Quantitative Aptitude

Q. 1 If the average of $n$ quantities is $P$ and the average of $m$ quantities is $Q$, then the average of $(m+n)$ quantities is:

Ans

$$
\text { 1. } \frac{n P+m Q}{m-n}
$$

$$
\text { ⒉ } \frac{m P+n Q}{m+n}
$$

$$
\text { 3. } \frac{n P+m Q}{P+Q}
$$

$$
\text { 4. } \frac{n P+m Q}{m+n}
$$

Q. 2 Study the given graph and answer the question that follows.

The graph shows the number of appeared candidates and passed candidates (in hundreds) in a test from six different institutions.


Also, the question should be "What is the average number (in hundreds) of candidates to have passed per institution?
Ans
$\times 1.1460$
X2. 1280
$\times 3.1500$
4. 1680
Q. 3 A software company has only 3 divisions that have 20,30 and 40 employees, respectively. If the working percentage of this during a weekend were $20 \%, 30 \%$ and $40 \%$, respectively, then the working percentage of the entire company during that weekend was approximately:
Ans
$\times 1.0 .0032$
$\times 2.3 .2$
$\times 3.0 .032$
4. 32
Q. 4

If $r+\frac{64}{r}=16$, then the value of $r^{4}+\frac{1}{r^{3}}$ is $\qquad$ .

Ans

$$
4096 \frac{1}{512}
$$

2. 512
×3. $512 \frac{1}{4096}$
3. 4096
Q. 5 There are two types of milk. The price of one type of milk is ₹70/litre and the price of other type of milk is ₹ $50 / l i t r e$. If the two types of milk are mixed, the price of new mixture will be ₹ $55 /$ litre. Find the ratio of the two types of milk in this new mixture.
Ans
$\times 1.1: 1$
$\times 2.1: 2$
X3.1:4
4.1:3
Q. 6 A man completes a journey in ten hours. He travels at a speed of $21 \mathrm{~km} / \mathrm{h}$ for the first half of the journey and at a speed of $24 \mathrm{~km} / \mathrm{h}$ for the second half. Calculate the total distance travelled (in kilometres).

Ans
$\times 1.212$

- 2.224
$\times 3.235$

4. 230
Q. 7 The radii of two circles are 4 cm and 7 cm and the distance between their centres is 12 cm . Find the length of the direct common tangent to the circles.
Ans
X1. $3 \sqrt{6} \mathrm{~cm}$
X2. $2 \sqrt{6} \mathrm{~cm}$
X 3. $2 \sqrt{15} \mathrm{~cm}$
5. $3 \sqrt{15} \mathrm{~cm}$
Q. 8 If $p=11$, then the value of $p\left(p^{2}+3 p+3\right)$ is:

Ans $\times 1.1629$
$\times 2.1225$

- 3.1727

X4. 1111
Q. $924-[52-\{4+10 \times(-3)\}]=$ ?

Ans $\times 1.54$
2. -54
$\times 3 .-44$
$\times 4.44$
Q. 10 The ratio of income of $A$ to that of $B$ is $4: 3$. The expenditure of $A$ is $\frac{5}{12}$ of his income and the expenditure of $B$ is $\frac{7}{15}$ of his income. The difference between their expenditures is ₹ 4,500 . Find the income of B.
Ans

1. ₹49,625

X 2. ₹ 48,625
X 3 . ₹ 51,625
4. ₹50,625
Q. 11 The value of $\left(1+\tan 10^{\circ}\right)\left(1+\tan 35^{\circ}\right)$ is:

Ans
$\times 1 . \frac{1}{2}$
×2. $\frac{3}{4}$
$\times 3.1$
$\checkmark 4.2$
Q. 12 The volume of a sphere is $288 \pi \mathrm{~cm}^{3}$. Find its surface area.

Ans
X1. $114 \pi \mathrm{~cm}^{2}$
X2. $124 \pi \mathrm{~cm}^{2}$
X 3. $134 \pi \mathrm{~cm}^{2}$

- $4.144 \pi \mathrm{~cm}^{2}$
Q. 13 In an election, the winning candidate received 15744 votes, which are $48 \%$ of the electorate. The only other candidate received $22 \%$ of the electorate. What is the number of members who did NOT vote?
Ans
X1.9860
$\times 2.9870$

3. 9840
$\times 4.9850$
Q. 14 Study the given table and answer the question that follows.

The table shows loans disbursed by five banks (in ₹ crore) from 1982 to 1986.

| Bank | 1982 | 1983 | 1984 | 1985 | 1986 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| A | 18 | 23 | 45 | 30 | 70 |
| B | 27 | 33 | 18 | 41 | 37 |
| C | 29 | 28 | 22 | 17 | 11 |
| D | 31 | 16 | 28 | 32 | 43 |
| E | 13 | 19 | 27 | 34 | 42 |
| Total | 118 | 119 | 140 | 154 | 203 |

In which of the following banks did the disbursement of loan continuously decrease over the years?
Ans

1. 0
$\times 2$. D
$\times 3 . \mathrm{A}$
$\times 4$. B
Q. 15 The price of a certain laptop is discounted by $20 \%$ and the reduced price is then discounted by $\mathbf{2 0 \%}$. This series of successive discounts is equivalent to a single discount of:

Ans
X1.20\%
$\times 2.26 \%$
Х $3.30 \%$
4. $36 \%$
Q. 16 A man sells goods at $4 \%$ loss on cost price but he gives 20 g instead of 40 g . What is his profit or loss percentage?

Ans
$\times 1.84 \%$ profit
2. $92 \%$ profit

X 3.82\% loss
X 4.92\% loss
Q. 17 A can do a piece of work in 12 days and B can do it in 30 days. They work on alternate days; starting with A. In how many days will the work be completed?
Ans
-1. $16 \frac{4}{5}$
X2. $17 \frac{1}{7}$
×. $16 \frac{4}{7}$
$4.17 \frac{2}{5}$
Q. 18 Two trains each 200 m long are moving in opposite directions. They cross each other in 10 seconds. If the speed of one train is $90 \mathrm{~km} / \mathrm{h}$, find the speed of the other train.
Ans
人 $1.90 \mathrm{~km} / \mathrm{h}$
X $2.45 \mathrm{~km} / \mathrm{h}$
3. $54 \mathrm{~km} / \mathrm{h}$
4. $36 \mathrm{~km} / \mathrm{h}$
Q. 19 The distance travelled by a person varies directly with the duration of the journey. If the person travels 378 km in 7 hours, in how many hours will the person cover 918 km?
Ans
$\times 1.16$
$\times 2.15$
$\times 3.18$
4. 17
Q. 20 A sum of ₹ 16,875 , when invested at $\mathrm{r} \%$ interest per year compounded annually, amounts to $₹ 19,683$ after 2 years. What is the value of $r$ ?
Ans

1. 8
2. 7
3. 6
4. 9
Q. 21 The lengths of the three sides of a triangle are $3 \mathrm{~cm}, 4 \mathrm{~cm}$ and 5 cm respectively. Find the area of this triangle.

Ans

1. $6 \mathrm{~cm}^{2}$
X. $12 \mathrm{~cm}^{2}$
2. $8 \mathrm{~cm}^{2}$
3. $10 \mathrm{~cm}^{2}$
Q. 22 What is the least positive value of A in the number 34278A2597, which is divisible by $9 ?$
Ans
4. 7
5. 2
<3. 1
$\times 4.8$
Q. 23 Study the given table and answer the question that follows.

The table shows the number of runs scored by a cricket player in different countries in different years.

| Year/ <br> Country | Country <br> A | Country <br> B | Country <br> C | Country <br> D |
| :---: | :--- | :--- | :--- | :--- |
| 2018 | 30 | 45 | 50 | 38 |
| 2019 | 25 | 32 | 40 | 50 |
| 2020 | 25 | 35 | 38 | 50 |
| 2021 | 52 | 29 | 45 | 62 |

In which country did the player score the maximum number of runs in aggregate during these four years, taken together?

Ans

1. D
$\times 2$. A
$\times 3$. B
<4.C
Q. 24 A shopkeeper offers $25 \%$ discount on all table lamps. He offers a further discount of $8 \%$ on the reduced price to those customers who pay cash. What does a customer have to pay in cash for a table lamp of ₹ 2,500 ?

Ans 1. ₹ 1,725
2. ₹ 1,865

X 3. ₹ 2,220
4. ₹ 1,780
Q.25 A rectangular water tank is 1.5 m high, 3 m long and 3.5 m wide. How much water (in litres) can it hold?
Ans
$\times 1.13520$
$\times 2.14510$
3. 15750
4. 11780

Section: General Awareness
Q. 1 Due to the service done by the poet $\qquad$ , the Kathakali dance form received a new impetus and today, many innovations are also being made to suit the needs of a changing society.
Ans
X 1. Purandara Dasa
2. Vallathol Narayana Menon

- 3. Satchidanandan

X 4. Gopal Bhatta
Q. 2 How do the red algae reproduce vegetatively?

Ans
X 1. Fission
$\times 2$. Spore formation
X 3. Cutting
4. Fragmentation
Q. 3 How many players were honoured with the Major Dhyan Chand Khel Ratna Award in 2021?

Ans
$\times 1.14$
$\times 2.18$
$\times 3.16$
4. 12
Q. 4 Which of the following is a type of large, brown seaweed that grows in shallow, nutrient-rich salt water near coastal fronts around the world?

Ans
X 1. Alpina
2. Kelp
3. Seagrass
4. Corals
Q. 5 Pritam Rani Siwach who received the prestigious 2021 Dronacharya Award contributed to the field of:
Ans
11. para shooting
$\times 2$ 2. athletics
3. hockey
$\times 4$ boxing
Q. 6 Padma Shri awardee Guru Gangadhar Pradhan is an accomplished dancer of which of the following dance forms?
Ans
X1. Manipuri
X 2. Kathakali
3. Odissi

X4. Kathak
Q. 7 Who among the following is a famous violinist?

Ans
X 1. Sajjad Hussain
X 2. Anoushka Shankar
X 3. Krishna R Chaudhary

- 4. Nagai R Muralidharan
Q. 8 When the government resorts to borrowing only to clear the backlog if interest payments, it is referred to as $\qquad$ .
Ans

1. zero revenue deficit
2. zero primary deficit

X 3. zero fiscal deficit
X4. excess budget deficit
Q. 9 The term 'header' is associated to which of the following sports?

Ans 1. Football
$\times 2$. Cricket
X 3. Hockey
X 4. Basketball
Q. 10 Identify the wrong pair with respect to different motions and their examples.

Ans
$\times 1$. Periodic motion - Earth rotating on its axis
2. Rectilinear motion - A stone thrown up in the air at an angle

X 3. Rotational motion - Blades of a windmill
4. Oscillatory motion - A boat tossing up and down a river
Q. 11 'The Great Indian Novel', a satirical novel that recreates the Hindu epic Mahabharata within the context of the Indian National Movement, is written by which of the following writers who is a member of the Indian Parliament?
Ans

1. Shashi Tharoor

X 2. Arun Shourie
X 3. Abhijeet Banerjee
X 4. Amiya Kumar Bagchi
Q. 12 Identify the group of the periodic table to which cobalt belongs.

Ans
X 1 . Group 6
2. Group 9

X 3. Group 5
$\times$ 4. Group 7
Q. 13 Which of the following mountains is formed as a result of the compression of tectonic plates, leading to the formation of large fold-like structures on the Earth's crust?
Ans

1. Ural mountain in Russia
$\times 2$. Vosges mountain in Europe
X 3. Mt.Kilimanjaro in Africa
X 4. Harz mountains in Germany
Q. 14 B Herambanathan who was awarded with the 'Sangeet Natak Akademi Award' in 2013 is a $\qquad$ dancer.

Ans

2. Kuchipudi
3. Bharatanatyam
4. Kathak
Q. 15 Which Article of the Indian Constitution states that "Supreme Court to be a court of record"?
Ans
Х 1. Article 135
X 2. Article 126

- 3. Article 129

X4. Article 131
Q. 16 Hariprasad Chaurasia is associated with which of the following instruments?

Ans $\times 1$. Shehnai
2. Bansuri
$\times 3$. Sarod
X4. Tabla
Q. 17 In July 2021, Kiren Rijiju was made the Cabinet Minister and given the charge of which of the following ministries?
Ans
X 1. Ministry of Communication and Electronics and Information Technology
X 2. Ministry of Civil Aviation
X 3. Ministry of Ports and Shipping
4. Ministry of Law and Justice
Q. 18 How is tuberculosis spread in humans?

Ans
X 1. Inoculation into skin
2. Droplet infection
$\times$ 3. Direct touching
$\times 4$. Contact with soil

## Q. 19 'Moon Walk' is an autobiography of

$\qquad$ _.

Ans $\times 1$. Oscar Wilde
X 2. Marlon Brando
3. Michael Jackson

X 4. Anne Frank
Q. 20 Who among the following personalities is associated with the Mohiniattam dance?

Ans
X 1. Yamini Krishnamurthy
2. Jayaprabha Menon
× 3. Prerana Shrimali
X 4. Vyjayanthi Kashi
Q. 21 What is the name of the autobiography written by Mr Abhinav Bindra, the Olympic medallist from India?

Ans
X 1. An Autobiography
2. A shot at History
$\times$ 3. Courage and Conviction
4. All from Memory
Q. 22 WINTER Olympics 2026 will be hosted by which of the following countries?

Ans
X1. Spain
X 2. Brazil
$\times$ 3. The US
4. Italy
Q. 23 In which year did Hindustani Classical vocalist Rashid Khan receive the Padma Bhushan award?

Ans
$\times 1.2019$

- 2.2020

X 3.2021
4. 2022
Q. 24 Who among the following founded Odissi dance school 'SRJAN' in 1993?

Ans
X 1. Kumkum Mohanty
X 2. Ratikant Mohapatra
X 3. Madhavi Mudgal
4. Kelucharan Mohapatra
Q. 25 The Ganga plain extend between which two rivers?

Ans $\times 1$. Yamuna and Teesta
2. Ghaggar and Teesta
$\times$ 3. Ghaggar and Bhagirathi
$\times 4$. Ganga and Teesta

