## SSC MTS 2021 (Held On 6 July 2022 Shift 1)

## Multi Tasking Non Technical Staff Havaldar CBIC and CBN Examination 2021

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name | iON Digital Zone iDZ Asansol |
| Exam Date | O6/07/2022 |
| Exam Time | 9:00 AM - 10:30 AM |
| Subject | MTS Non technical and Havaldar Examination 2021 |

## Section: General English

Q. 1 Select the option that corrects the misspelt words in the given sentence.

I can't pitcure him figting or picking on anyone.
Ans

1. I can't picture him fighting or picking on anyone.
2. I can't pitcure him fiting or piking on anyone.
3. I can't pitcure him fighting or pekking on anyone
4. I can't pictre him fighting or pickning on anyone.
Q. 2 Select the most appropriate option to fill in the blank.

The boys were tired, but not too tired to examine the little hut $\qquad$ .
Ans
X 1. weirdly
X 2. weakly

- 3. thoroughly

X 4. sluggishly
Q. 3 Select the most appropriate option to fill in the blank.

It is better to be prompt and organised than to be $\qquad$ .

Ans
X 1. provident
$\times$ 2. meaningless
$\times$ 3. efficient
4. reckless
Q. 4 Select the option that will improve the underlined part of the sentence. In case no improvement is needed, select 'No improvement required'.

Why doesn't you try calling your family again?
Ans
X 1. you don't tries
X 2. doesn't you tried
3. don't you try

X 4. No improvement required
Q. 5 Parts of the following sentence have been given as options. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

The telecom growth story is a important component of the broader story of India.
Ans
X 1 . No error
$\times 2$. The telecom growth story is
3 3. the broader story of India.
4. a important component of
Q. 6 Select the most appropriate ANTONYM of the underlined word.

Their reverence reaches its zenith here at the birthplace of the country's founder.
Ans
X 1. crest
2. Nadir
3. horizon
4. pinnacle
Q. 7 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

His mouth left open as he realise the truth.
Ans

1. fell open as he perceived
2. felt opened as he perceive
3. was felt opened as he realise
4. No improvement required
Q. 8 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Solar storms can / impact Earth-dwellers / in significantly ways.
Ans

1. Solar storms can
2. impact Earth-dwellers
3. No error
4. in significantly ways
Q. 9 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

I noticed some strawberries grown in which of the gardens.
Ans
X 1. growing in which of
X 2. grows upon one of
X 3. No improvement required
4. growing in one of
Q. 10 Select the most appropriate synonym of the given word.

Random
Ans
X 1. Definite
$X 2$. Continuous
3. Systematic
4. Chance
Q. 11 Select the option that can be used as a one-word substitute for the given group of words.

Deliberately and maliciously set something (buildings usually) on fire
Ans
X 1. Agrarian
2. Arson

X 3. Ambush
4. Apex
Q. 12 Select the option that will improve the underlined part of the sentence. In case no improvement is needed, select 'No improvement required'.

He stood up from their chair to signal the end of the meeting.
Ans

1. up from his
2. upon of his
3. No improvement required
4. below in their
Q. 13 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

Shubham and I were watching football match in our bedroom.
Ans
$X 1$. I were watched
$\times 2$. I was watching
$X 3$. me is watching
4. No improvement required
Q. 14 Select the correctly spelt word.

Ans
X 1. Influnce
2. Influence

X 3. Influance
X4. Influennce
Q. 15 Select the most appropriate meaning of the given idiom.

Out for the count
Ans
$X 1$. Very expensive
X 2. Prepared for battle
3. In a deep, insensible sleep
4. Ready for scrutiny
Q. 16 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

Although the waters may have receded, the aftermath of one of the world's biggest natural disaster had only just begun.
Ans

1. the aftermath of one of the world's biggest natural disasters
2. No improvement required
3. the aftermath of one of the worlds' biggest natural disasters has
4. the aftermath of one of the worlds' biggest natural disaster
Q. 17 Select the most appropriate synonym of the given word.

Modest
Ans
X 1. Bold
2. Humble
3. Dismal
4. Grave
Q. 18 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Most of the / freshwater lake in India / are in the / Himalayan region.
Ans
X 1. Himalayan region
$\times 2$. Most of the
3. are in the
4. freshwater lake in India
Q. 19 Select the most appropriate ANTONYM of the given word.

## Refute

Ans

1. Endorse
2. Acknowledge

X 3. Deny
4. Dispute
Q. 20 Select the most appropriate meaning of the given idiom.

## Draw the line

Ans
X 1. To accept someone's idea
$X 2$. To give a second chance
X 3. To move on from a past relationship
4. To set a limit on something

## 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.

The Government is taking seriously the (1) $\qquad$ of road safety and is committed to reducing the number of people killed in accidents. Forums are being conducted (2) $\qquad$ to
bring law-makers, law enforcement officers and road users together to discuss ways to (3) the rise in road accidents. Everyone agrees that more needs to be done on road safety in its determination to (4) $\qquad$ the rate of road accidents in the country. The
Government, with the cooperation of relevant agencies, is making serious (5) $\qquad$ to instil proper road culture in children, young adults and the public in general.

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

Ans
$X$ 1. release
2. residue
3. issue
4. site

## 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.

The Government is taking seriously the (1) $\qquad$ of road safety and is committed to reducing the number of people killed in accidents. Forums are being conducted (2) $\qquad$ to
bring law-makers, law enforcement officers and road users together to discuss ways to (3) the rise in road accidents. Everyone agrees that more needs to be done on road safety in its determination to (4) $\qquad$ the rate of road accidents in the country. The
Government, with the cooperation of relevant agencies, is making serious (5) $\qquad$ to instil proper road culture in children, young adults and the public in general.

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

Ans

1. regularly
2. habitually
3. terminally
4. rarely

## 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.

The Government is taking seriously the (1) $\qquad$ of road safety and is committed to reducing the number of people killed in accidents. Forums are being conducted (2) to bring law-makers, law enforcement officers and road users together to discuss ways to (3) the rise in road accidents. Everyone agrees that more needs to be done on road safety in its determination to (4) $\qquad$ the rate of road accidents in the country. The
Government, with the cooperation of relevant agencies, is making serious (5) $\qquad$ to instil proper road culture in children, young adults and the public in general.

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

Ans
X 1. confess
2. tackle
3. conduct
4. deal

## 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.

The Government is taking seriously the (1) $\qquad$ of road safety and is committed to reducing the number of people killed in accidents. Forums are being conducted (2) $\qquad$ to bring law-makers, law enforcement officers and road users together to discuss ways to (3)
the rise in road accidents. Everyone agrees that more needs to be done on road safety in its determination to (4) $\qquad$ the rate of road accidents in the country. The Government, with the cooperation of relevant agencies, is making serious (5) $\qquad$ to instil proper road culture in children, young adults and the public in general.

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

Ans

1. curb
2. lure
3. incite
4. promote

## 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.

The Government is taking seriously the (1) $\qquad$ of road safety and is committed to reducing the number of people killed in accidents. Forums are being conducted (2) to bring law-makers, law enforcement officers and road users together to discuss ways to (3) the rise in road accidents. Everyone agrees that more needs to be done on road
safety in its determination to (4) $\qquad$ the rate of road accidents in the country. The
Government, with the cooperation of relevant agencies, is making serious (5) $\qquad$ to instil proper road culture in children, young adults and the public in general

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

Ans
X 1. acknowledgements
2. powers
3. efforts
4. struggles

## Section : General Intelligence and Reasoning

Q. 1 Select the number from the given options that can replace the question mark (?) in the following series.

205, 222, 241, 264, 293, ?
Ans
X 1.346
2. 324
$\times 3.328$
$\times 4.334$
Q. 2 In a certain code language, 'TYR' is coded as ' 65 ', and 'GAP' is coded as '26'. How will 'MOJ' be coded in that language?

Ans 1. 40
2. 41
3. 38
4. 39
Q. 3 Select the option that is related to the sixth word in the same way as the first word is related to the second word and the third word is related to the fourth word.

Speech : Dumb :: Sight : Blind :: ? : Deaf
Ans

1. Sound

X 2. Vibrations
X 3. Voice
$\times 4$. Language
Q. 4 In a certain code language, 'Floors white marble' is written as 'tp aj pr', 'Tyre are hard white' is written as 'pr qs tr ak' and 'Marble are shiny' is written as 'tp tr 6'. What is the code for 'Shiny floors' in that code language?
Ans
X 1. tr aj
<2. 6 ak
3. aj 6
4. 6 pr
Q. 5 Which of the mathematical signs should be interchanged in the given equation to make it mathematically correct?
$31 \div 14 \times 9+3-7=66$
Ans

1. $\div$ and +
2. $\div$ and $\times$
(3. - and $\times$
3.     - and +
Q. 6 Select the option in which the two numbers are related in the same way as are the numbers in the give number pair.

31:48
Ans
X1.29:44
X2.43:62
Х $3.53: 74$
4. $37: 54$
Q. 7 Select the figure from among the given options that can replace the question mark (?) in the following series.

| + | $\bullet$ | $\times$ | + | $\bullet$ | $\div$ | $\div$ | $\times$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\times$ | $\div$ | $\div$ | $\bullet$ | + | $\times$ | $\bullet$ | + |  |

Ans

Q. 8 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

## Statements:

Some tablets are laptops.
Some laptops are computers.
Conclusions:
I. Some tablets are computers.
II. Some laptops are not tablets.

Ans
X 1 . Only conclusion I follows.
2. Both conclusions I and II follow.
3. Neither conclusion I nor II follows.
4. Only conclusion II follows.
Q. 9 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

16: 38:: 26: 58:: 37: ?
Ans
$\times 1.78$
$\times 2.76$
$\times 3.74$

- 4.80
Q. 10 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?


Ans

$\times 2$.

$\times 4$.

Q. 11 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

GOOD : HSXT :: BEST : CIBJ :: COOL : ?
Ans
X1.DSSB
X 2. DSXZ
X 3. DSZB
4. DSXB
Q. 12 Select the option in which the pair of letter-clusters share the same relationship as that shared by the given pair of letter-clusters.

MOB : KMZ :: ?
Ans
X 1.AJK: YHN
2. LOP: JMN

X 3. BND: DLB
X 4. STB: PRZ
Q. 13 Select the figure from the options that can replace the question mark (?) and complete the pattern.


Ans

$\times 3$.

$\times 4$.

Q. 14 Select the option figure in which the given figure is embedded.
$\exists$

Ans

$\checkmark 2$.

$\times 3$.

$\times 4$

Q. 15 In a certain code language, 'CYLINDER' is written as 'CYLJNDFR', 'CERTAIN' is written as 'CFRTBJN', and 'PURPOSE' is written as 'PVRPPSF'. How will 'QUEUEING' be written in that language?

Ans
X 1. QFVFVJNG
( 2. QVFVEJNG
X 3. RVFVEJNG
4. QVFVFJNG
Q. 16 Select the figure from among the given options that can replace the question mark (?) in the following series.


Ans

Q. 17 Read the given statements and conclusions carefully. Assuming that the information
given in the statements is true, even if it appears to be at variance with commonly
known facts, decide which of the given conclusions logically follow(s) from the
statements.
Statements:
I. Some blue are red.
II. Some green are red.

## Conclusions:

I. No blue is green.
II. No red is green.

Ans
$X$ 1. Only conclusion I follows
X 2. Both conclusions I and II follow
X 3. Only conclusion II follows
4. Neither conclusion I nor II follows
Q. 18 In a certain code language, '587' is written as 'see good pictures', '539' is written as 'good and beautiful', and '967' is written as 'pictures are beautiful'. What is the code for the word 'see' in that language?
Ans
1.8
$\times 2.7$
X 3.6
$\times 4.5$
Q. 19 Select the option that can replace the question mark (?) in the following series.

B, D, G, L, S, ?
Ans
X1.E
X2. F
3.D

X4.C
Q. 20 Seven boys J, M, N, K, P, L and O sit in a row facing the South (but not necessarily in the same order). K sits fifth to the left of J. K does not sit at any of ends. L sits exactly in the middle of the row. $L$ sits third to the right of $M$. Only two boys sit between $O$ and $P$. O is not the immediate neighbour of $L$.
Three of the following are similar by a certain logic and form a group. Which of the following does NOT belong to that group?
Ans
X1.NJ
X2. PN
X 3.LO
4. KM
Q. 21 After interchanging the two numbers 3 and 6 , what will be the value of the given expression?
$12 \times 3 \div 6+8-2$
Ans
$\times 1.15$
$\times 2.25$

- 3.30
$\times 4.20$
Q. 22 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.
$23: 72$ :: 38 : 117 :: 46 :?
Ans
1.138

2. 156
3. 141
4. 122
Q. 23 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?


Ans

Q. 24 The weight of seven boys $B 1, B 2, B 3, B 4, B 5, B 6$ and $B 7$ are compared. The weight of $B 5$ is less than only one boy and more than that of $B 6$. The weight of $B 4$ is neither more nor less than B6 but more than B1, B7, B3. Who weighs the most?
Ans
X1.B5
2. B2

X 3 . $\mathrm{B6}$
4. B1
Q. 25 Seven sisters, Anita, Babita, Sunita, Dixita, Rita, Lalita and Geeta are standing in a row facing north. Lalita is standing to the immediate right of Rita who stands fourth to the right of Geeta. Only Sunita stands exactly between Babita and Dixita. Dixita stands at the middle position. Who stands at the rightmost position?
Ans
X 1. Lalita
2. Anita
3. Geeta
4. Sunita

Section : Numerical Aptitude
Q. 1 If $A=\frac{1}{2}+\frac{1}{3} \times \frac{1}{4} \div \frac{1}{5}-\frac{1}{6}$ and $B=\frac{1}{2} \div \frac{1}{3} \times \frac{1}{4}+\frac{1}{5}$, then what is the value of $\mathrm{A}-\mathrm{B}$ ?

Ans

1. $\frac{17}{20}$
x2. $\frac{9}{20}$
ง. $\frac{7}{40}$
×. $\frac{1}{5}$
Q. 2 The perimeter of a square is equal to the perimeter of a rectangle, and the latter has a width of 12 cm . The area of the square is $400 \mathrm{~cm}^{2}$. Find the area of the rectangle.

Ans
$\times 1.412 \mathrm{~cm}^{2}$
X2. $394 \mathrm{~cm}^{2}$
X 3. $324 \mathrm{~cm}^{2}$

- 4. $336 \mathrm{~cm}^{2}$
Q. 3 In a competitive exam, the minimum qualifying percentages for Category A and Category B jobs are $25 \%$ and $45 \%$, respectively. A candidate scored 83 marks and failed to get a Category B job by 25 marks. What is the minimum qualifying marks to secure a Category A job?
Ans

1. 55
2. 60
$\times 3.50$
3. 65
Q. 4 If $\frac{32 \div 16-5 \times 2}{11 \div 22 \times 8-5 \times 2}=\frac{1}{P}$, then what is the value of $P$ ?

Ans
$\times 1 \frac{4}{3}$
2. $\frac{5}{4}$
3. $\frac{3}{4}$
<4. $\frac{4}{5}$
Q. 5 If the total surface area of a sphere of radius rcm is equal to the total surface area of a cube of side s cm , which of the following is true?

Ans
(1. $\mathrm{r}>\mathrm{S}$
2. $\mathrm{r} \geq \mathrm{s}$

X3. $\mathrm{r}=\mathrm{s}$
4. $\mathrm{r}<\mathrm{S}$
Q. 6 The average salary of 12 employees in a company was recorded to be $₹ 20,000$. If the salary of the manager is also included, then the average salary increases by ₹ 2,000 . Find the salary of the manager.

Ans

1. ₹ 36,000
2. ₹ 46,000
3. ₹ 28,000
4. ₹ 42,000
Q. 7 Umesh earns a simple interest of ₹ 1,600 on a certain sum in two years at the rate of $4 \%$ per annum. How much more interest would he have earned if he had invested the same sum at $4 \%$ interest per annum, compounded annually?

Ans
X 1. ₹48
2. ₹ 64
3. ₹32
4. ₹ 20
Q. 8 The average of a set of 20 numbers is P. If one of the numbers from the set is replaced with 58 , then the average becomes $(\mathrm{P}-2)$. What is the value of the number that is replaced?

Ans

1. 98
2. 94
$\times 3.60$
X4. 104
Q. 9 The diameter of a circle is 112 cm . What is the circumference of this circle? [Use $\pi=\frac{22}{7}$ ]

Ans
$\times 1.256 \mathrm{~cm}$
$\times 2.396 \mathrm{~cm}$
X 3. 416 cm
4. 352 cm
Q. 10 If the selling price of a shirt is reduced from ₹ 440 to ₹ 410 , the loss increases by $4 \%$. What is the cost price of the shirt?

Ans
$\times 1$. ₹ 650
2. ₹750

X 3. ₹450
(4.₹500
Q. 11 The marked price of a table is $130 \%$ of its cost price. A discount of $20 \%$ is given on the sale of the table. What will be the profit percentage?

Ans

1. $6 \%$
2. 8\%
×3. $5 \%$
3. $4 \%$
Q. 12 A fan is sold for $₹ 1,560$ at a profit of $30 \%$. If its selling price is $₹ 960$, then what will be the loss percentage?

Ans

1. $30 \%$
2. $20 \%$
3. $10 \%$
4. $25 \%$
Q. 13 The bar chart given below shows the number of tea packets of 2 varieties sold by 5 shops during a particular week


What is the average number of tea packets sold per shop, both the varieties take together?
Ans

1. 154.4

X2. 152.8
$\times 3.157 .6$
X4. 149.2
Q. 14 S is $20 \%$ more than T. T is $10 \%$ less than U . What is the ratio of S to U ?

Ans

1. $27: 25$
2. $23: 19$

X 3. $25: 21$
4. $29: 24$
Q. $15 \mathrm{P}_{1}$ alone can do $\frac{2}{3}$ of the work in 8 days. $\mathrm{P}_{2}$ alone can do $\frac{7}{12}$ of the work in 14 days. $\mathrm{P}_{3}$ alone can do $\frac{8}{15}$ of the work in 16 days. In how many days can they complete the work, if all three work together?
Ans
$X 1 \cdot \frac{60}{19}$ days
2. $\frac{120}{19}$ days
3. $\frac{100}{17}$ days
4. $\frac{80}{17}$ days
Q. 16 The LCM of two positive integers is twice the larger number and the HCF of the two numbers is 3 . The smaller number is:

Ans

1. 6
-2. 10
$\times 3.9$
X. 8
Q. 17 The following pie chart shows the number of bags sold by 7 different shops during a month as percentages of the total number of bags sold during this month by these 7 shops taken together.


If the total number of bags sold during the given month by these 7 shops taken together was 1400 , then what was the total number of bags sold by S3 and S7 taken together?

Ans

1. 240
$\times 2.196$

- 3. 224

4. 210
Q. 18 The average weight of $A, B$, and $C$ is 52 kg . If the average weight of $B$ and $C$ is 44 kg and that of $C$ and $A$ is 46 kg , then what will be the weight of $C$ ?

Ans

1. 24 kg

X2. 38 kg
$\times 3.36 \mathrm{~kg}$
$\times 4.68 \mathrm{~kg}$
Q. 19 The speed of a boat in still water is $10 \mathrm{~km} / \mathrm{h}$. The speed of the stream is $2 \mathrm{~km} / \mathrm{h}$. What is the total distance that the boat will travel if it is rowed for 4 hours upstream and 3 hours downstream?

Ans

1. 70 km
2. 72 km

X 3. 64 km
4. 68 km
Q. 20 The table below shows the number of overs bowled and the number of wickets taken by five bowlers in a match.

| Bowler | Overs | Wickets |
| :--- | :---: | :---: |
| Jadeja | 8 | 3 |
| Jaspreet | 6 | 2 |
| Bumrah | 5 | 1 |
| Pandya | 4 | 3 |
| Ashwin | 6 | 1 |

If in each over every bowler bowled 6 balls, in that match which bowler had bowled the highest number of balls per wicket taken by him?

Ans
$X$ 1. Jadeja
X 2. Bumrah
$\checkmark$ 3. Ashwin
X 4. Jaspreet
Q. 21 What number must be subtracted from each of the numbers $55,23,43$ and 19 , so that the new values are in proportion?

Ans

1. 9

X2. 11
3. 7
4. 5
Q. 22 The price of diesel increases by $5 \%$ every year. If the current price of diesel is $₹ 80$ per litre, then what will be the price of diesel per litre after 2 years?

Ans

1. ₹ 86.8

- 2 ₹ 92.5

X 3. ₹90.5
4. ₹88.2
Q. 23 A person has some coins of ₹ 10 , ₹ 5 , and ₹ 2 denominations. The ratio of the products of the numbers of ₹ 10 and ₹ 5 coins, the numbers of ₹ 5 and $₹ 2$ coins, and the numbers of $₹ 2$ and $₹ 10$ coins is $3: 4: 2$ respectively. What could be the minimum amount of money this person has?

Ans
X1. ₹52
X 2. ₹88

- 3 ₹ 68

4. ₹74
Q. 24 A can do a piece of work alone in 30 days. B is $25 \%$ less efficient than A , while C is $33 \frac{1}{3} \%$ more efficient than B. In how many days can $\mathrm{A}, \mathrm{B}$ and C , working together, complete the work?
Ans
5. $\frac{150}{11}$ days
6. $\frac{120}{11}$ days
7. $\frac{140}{11}$ days
8. $\frac{130}{11}$ days
Q. 25 A man can row downstream at a speed of $15 \mathrm{~km} / \mathrm{h}$ and upstream at $11 \mathrm{~km} / \mathrm{h}$. Find his speed in still water and the speed of the current, respectively. [Give both your answers in $\mathrm{km} / \mathrm{h}$ ]

Ans
$\times 1.13 ; 5$
X 2. 11; 4
3. $13 ; 2$
4. 13; 6

Section : General Awareness
Q. 1 Alluri Sitaram Raju was a tribal freedom fighter from which state of India?

Ans
X 1 . Bihar
X 2. Maharashtra
3. Andhra Pradesh
4. Gujarat
Q. 2 Which country will host the FIFA World Cup 2022?

Ans
$X$ 1. China
X 2. South Africa
3. Qatar
4. England
Q. 3 भारत में इनमें से किस संस्था द्वारा एक रुपये के करेंसी नोट और सिक्के निर्गत किए जाते हैं?

Ans

1. इंपीरियल बैंक ऑफ इंडिया
2. भारतीय औद्योगिक वित्त निगम
3. वित्त मंत्रालय
4. सेंट्रल बैंक ऑफ इंडिया
Q. 4 Which of the following elements has the largest atomic radii?

Ans $\times 1$. Beryllium
2. Lithium
3. Nitrogen
4. Carbon
Q. 5 Who won a gold medal for India in the javelin throw event at Tokyo Olympics 2020?

Ans

1. Sumit Antil
2. Shivpal Singh
3. Neeraj Chopra
4. Ajeet Singh Yadav
Q. 6 In which type of Megalith (grave/memorial) were the stone pieces set in a circular shape around the grave?
Ans
5. Cairn circle
6. Dolmen
7. Rock cut cave
8. Menhir
Q. 7 Who among the following was Akbar's revenue minister?

Ans
X 1 . Tansen
2. Todar Mal

X 3. Raja Man Singh
X4. Birbal
Q. 8 The feature of Fundamental Rights in the Indian Constitution is borrowed from the Constitution of $\qquad$ .
Ans
X 1. Australia
X 2. Britain
X 3. Ireland
4. United States of America
Q. 9 Sundari trees are found in the

Ans
X 1. Mahanadi delta
2. Ganga-Brahmaputra delta

X 3. Godavari delta
4. Muthupet delta
Q. 10 In which state of India is the Natyanjali festival celebrated?

Ans
X 1. Goa
2. Tamil Nadu
3. Uttar Pradesh
4. Rajasthan
Q. 11 The number of females per 1000 males in the population is called the $\qquad$ .

Ans
X 1. birth rate
2. sex ratio
3. death rate
4. literacy rate
Q. 12 Who is the author of the book 'Gone Girl'?

Ans
X 1. Damon Galgut
2. Gillian Flynn
3. Yann Martel
4. Anna Burns
Q. 13 includes all non-living components, such as air, cloud, dust, land, mountains, rivers, temperature, humidity, water, water vapour, sand, etc.
Ans
X 1. Biotic environment
2. Abiotic environment

X 3. Artificial environment
4. Healthy environment
Q. 14 Name the album for which Pandit Ravi Shankar won the Grammy award in 1967.

Ans

1. Three Ragas
2. West Meets East
3. Concert for Bangladesh
4. Full circle
Q. 15 The state legislative assembly has a strength of $\qquad$ , with exceptions for smaller states.

Ans
X 1.600 to 1000
2. 60 to 500

X 3.50 to 400
X 4.10 to 100
Q. 16 Who among the following freedom fighters of India revived the Indian National Army 'Azad Hind Fauj’ (which was formed in 1942 by Rash Behari Bose and Captain-Genera Mohan Singh) in the year 1943?
Ans
X 1. Mahatma Gandhi
X 2. Jawaharlal Nehru
X 3. Bhagat Singh
2. Subhas Chandra Bose
Q. 17 Sattriya is a classical dance form of which Indian state?

Ans
X 1. Manipur
X 2. Karnataka
3. Assam
4. Kerala
Q. 18 Which countries hosted the matches played in the 2021 ICC Men's T20 World Cup?

Ans
X 1. Egypt and Ethiopia
X 2. India and Bangladesh
3. United Arab Emirates and Oman
4. Bangladesh and Sri Lanka
Q. 19 Which of the following rivers of India drains into the Bay of Bengal?

Ans

1. Tapi
2. Godavar

X 3. Narmada
4. Mahi
Q. 20 Who among the following Indian dancers was the first woman in Indian history to be nominated as a member of the Rajya Sabha?
Ans

1. Rukmini Devi Arundale
2. Madhuri Dixit

X 3. Mallika Sarabhai
4. Saroj Khan
Q. 21 The Jagananna Smart Township scheme was launched by which state government of India?
Ans
X 1. Madhya Pradesh
X 2. Punjab
X 3. Odisha
4. Andhra Pradesh
Q. 22 As of April 2022, what is the capital of India's neighbouring country Bhutan?

Ans

1. Thimphu

X 2. Dhaka
X 3. Beijing
4. Paro
Q. 23 Which of the following glands/organs in human body secretes bile juice?

Ans
X1. Pancreas
2. Liver
3. Pituitary
4. Pineal
Q. 24 Bonalu is a Hindu festival celebrated to worship Goddess Mahakali in which of the following states?
Ans

1. Telangana
2. Assam

X 3. Kerala
X 4. Madhya Pradesh
Q. 25 The steep rocky coast rising almost vertically above sea water is called $\qquad$ -.
Ans
$\chi 1$. sea caves
2. sea cliff
3. sea arches
4. ox-bow lake

Multi Tasking Non Technical Staff Havaldar CBIC and CBN Examination 2021

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name | iON Digital Zone iDZ 2 Moula Ali |
| Exam Date | 06/07/2022 |
| Exam Time | 1:00 PM - 2:30 PM |
| Subject | MTS Non technical and Havaldar Examination 2021 |

## Section: General English

Q. 1 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

Please consult a doctor before you take any medicine.
Ans
$X$ 1. consulting
X 2. consulted
3. No improvement required

X 4. consults
Q. 2 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

People sometimes asks me / why carbon dioxide / is important for the climate.
Ans
Х 1. is important for the climate
2. why carbon dioxide

X 3. No error
4. People sometimes asks me
Q. 3 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'

The snowstorm in that region will effect thousand of travellers.
Ans
X 1. would affecting thousand
$X 2$. will effect thousands
X 3. No improvement required
4. will affect thousands
Q. 4 Select the most appropriate ANTONYM of the given word.

HARMONY

Ans
X 1. Peace
2. Discord

X 3. Tranquility
X 4. Good will
Q. 5 Select the most appropriate ANTONYM of the given word.

## Sagacious

Ans

1. Dull
$\times 2$. Profound
$\times 3$. keen
X4. Intelligent
Q. 6 Select the most appropriate ANTONYM of the underlined word in the given sentence.

We had hundreds of courageous scientists.
Ans

1. diffident
2. gutsy

X 3. audacious
X 4. valiant
Q. 7 Select the most appropriate option to fill in the blank.

Thus, $\qquad$ of their purpose, the three knights tried another plan.
Ans
X 1. involved
2. foiled
3. toiled
4. failed
Q. 8 Select the most appropriate synonym of the given word.

## Segregate

Ans
X 1. Submerge
2. Isolate
3. Nullify
4. Integrate
Q. 9 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required.'

Abraham also had one sister, of who not much has been recorded.
Ans
X 1. of what
$\times 2$. of whose
3. of whom

X 4. No substitution required
Q. 10 Select the most appropriate synonym of the given word.

## Obtrusive

Ans

1. Pervasive
(2. Exclusive
2. Prominent
3. Modest
Q. 11 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

A man tends to one / of the horses after it's / training at a stud farm.

Ans

1. of the horses after it's
2. A man tends to one
3. No error
4. training at a stud farm

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

## Change of heart

Ans
X 1. To narrowly escape disaster
X 2. An unfair attack
3. Different opinion about someone or something
4. Very similar in appearance
Q. 13 Select the option that corrects the incorrectly spelt words in the given sentence.

Fifty people have been taken into polise custoudy.
Ans
X 1. Fivety people have been taken into polise custody.
2. Fiffty people have been taken into polis custoudy.

X 3. Fifity people have been taken into police custoudy.
4. Fifty people have been taken into police custody.
Q. 14 Select the INCORRECTLY spelt word.

Ans

1. Swimming
2. Borowing
3. Sovereign
4. Preserve
Q. 15 Select the option that can be used as a one-word substitute for the given group of words.

One who hates mankind
Ans
X 1. Altruist
< 2. Compere
(3. Malevolent
4. Misanthrope
Q. 16 Select the most appropriate option to fill in the blank.

In all cases, we have to $\qquad$ the facts from the various reports and documents.
Ans
X 1. Instil
2. Repel
3. Standstill
4. Distil
Q. 17 Select the option that can be used as a one-word substitute for the given group of words.

Someone who attacks cherished ideas or traditional institutions
Ans
X 1. Believer
2. Iconoclast

X 3. Humanitarian
4. Misanthrope
Q. 18 Select the option that can be used as a one-word substitute for the given group of words.

## One who collects stamps

Ans
X 1. Numismatist
2. Narcissist
3. Philatelist

X 4. Collector
Q. 19 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Concern above rising pollution / led to the / formulation of / various action plans.
Ans

1. Concern above rising pollution
2. formulation of
3. led to the
4. various action plans
Q. 20 Select the most appropriate meaning of the given idiom.

## An eye wash

Ans
$X 1$. In writing
2. A pretence
3. Avoid talking
4. A rare event

## 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.

Mt. Mantap in North Korea has now been reported to have (1) $\qquad$ from its original state after an underground nuclear test was carried out under it at the Punggye-ri nuclear test site on 3 September 2017. An international team of scientists (2) $\qquad$ a special satellite radar imaging called synthetic aperture radar and seismic recordings to study the effects of the blast which (3) $\qquad$ a 5.2 magnitude earthquake. The surface of the mountain was pushed (4)
$\qquad$ by almost 11 feet and then collapsed leaving the mountain about 20 inches (5)

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

Ans
X 1. relapsed
X 2. clasped
X 3. mapped
4. collapsed

## 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.

Mt. Mantap in North Korea has now been reported to have (1) $\qquad$ from its original state after an underground nuclear test was carried out under it at the Punggye-ri nuclear test site on 3 September 2017. An international team of scientists (2) $\qquad$ a special sat imaging called synthetic aperture radar and seismic recordings to study the effects of the blast which (3) $\qquad$ a 5.2 magnitude earthquake. The surface of the mountain was pushed (4)
$\qquad$ by almost 11 feet and then collapsed leaving the mountain about 20 inches (5)

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

Ans
$X 1$. framed
2. used
3. urged
4. deduced

## 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.

Mt. Mantap in North Korea has now been reported to have (1) $\qquad$ from its original state after an underground nuclear test was carried out under it at the Punggye-ri nuclear test site on 3 September 2017. An international team of scientists (2) $\qquad$ a special imaging called synthetic aperture radar and seismic recordings to study the effects of the blast which (3) $\qquad$ a 5.2 magnitude earthquake. The surface of the mountain was pushed (4)
$\qquad$ by almost 11 feet and then collapsed leaving the mountain about 20 inches (5)

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

Ans
X 1. altered
2. neglected
3. caused

X4. lost

## 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.

Mt. Mantap in North Korea has now been reported to have (1) $\qquad$ from its original state after an underground nuclear test was carried out under it at the Punggye-ri nuclear test site on 3 September 2017. An international team of scientists (2) $\qquad$ a special satellite radar imaging called synthetic aperture radar and seismic recordings to study the effects of the blast which (3) $\qquad$ a 5.2 magnitude earthquake. The surface of the mountain was pushed (4)
$\qquad$ by almost 11 feet and then collapsed leaving the mountain about 20 inches (5)

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

Ans
X 1. wayward
2. confined
$\times$ 3. aligned
4. outwards

## 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.

Mt. Mantap in North Korea has now been reported to have (1) $\qquad$ from its original state after an underground nuclear test was carried out under it at the Punggye-ri nuclear test site on 3 September 2017. An international team of scientists (2) $\qquad$ a special imaging called synthetic aperture radar and seismic recordings to study the effects of the blast which (3) $\qquad$ a 5.2 magnitude earthquake. The surface of the mountain was pushed (4)
$\qquad$ by almost 11 feet and then collapsed leaving the mountain about 20 inches (5)

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

Ans
X 1. different
2. shorter

- 3. proper

X 4. greater

## Section: General Intelligence and Reasoning

Q. $1 \mathrm{~J}, \mathrm{~K}, \mathrm{~L}, \mathrm{M}$ and N are sitting on a bench. J is the immediate neighbour of $\mathrm{K}, \mathrm{M}$ is the immediate neighbour of $N$, and $J$ is not sitting with $L$ who sits on the right end of the bench. $J$ sits to the right of $M$ and $N$. $M$ sits to the right of $N$. In which position is $J$ sitting?
Ans

1. Third from the left
2. Fourth from the left
3. Second from the left
4. Second from the right
Q. 2 Select the number from among the given options that can replace the question mark (?) in the following series.

48, 52, 60, 72, 88, ?
Ans
$\times 1.118$
< 2.98
(3. 112
4. 108
Q. 3 Select the correct mirror image of the given figure when the mirror is placed at the right side.


Ans

Q. 4 Select the correct mirror image of the given figure when the mirror is placed at the line $A B$ as shown.


Ans

$\times 2$

$\times 3$


- 4. 


Q. 5 Eight girls, G1, G2, G3, G4, G5, G6, G7 and G8, are sitting around a circular table facing the centre (not necessarily in the same order). G5 is third to the right of G1. G8 is second to the right of G4. G4 is not the immediate neighbour of G1 or G5. G6 and G2 are immediate neighbours. G2 is not the immediate neighbour of G1. G7 is not the immediate neighbour of G8.
Which of the following statements is correct?
I. G7 is the immediate left of G4.
II. G1 and G3 are neighbour of G8.

Ans
$X 1$. Only I is correct.
X 2. Neither I nor II is correct.
X 3. Only II is correct.
4. Both I and II are correct.
Q. 6 In a certain code language, '7 8 3' means 'Naira likes ice-creams', '1 3 5' means 'icecreams are tasty', '2 5 4' means 'we are friends', then what is the code for 'tasty' in the same code language?

Ans 1. 1

X2. 3
X 3.2
4.5
Q. 7 Select the option that is related to the sixth number in the same way as the first
number is related to the second number and third number is related to fourth number.
8432: 4382 :: 2496 : 4926 :: ? : 2174
Ans
$\times 1.7412$
$\times 2.7421$
3. 7214
(4.7142
Q. 8 After interchanging the given two signs and two numbers (not digits), what will be the value of the given equation?
$\div$ and +12 and 14
$12 \div 45+15 \times 14-10=$ ?
Ans

1. 40
2. 20
3. 60
+4.80
Q. 9 Select the figure from the given options that can replace the question mark (?) in the following series.


Ans

$\checkmark 2$.

$\times 3$.

$\times 4$.

Q. 10 Select the option in which the numbers are related in the same way as are the numbers in the following sets.
$(3,5,7)$
$(11,13,17)$
(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
$\times 1 .(7,11,17)$
$\times 2 .(5,7,19)$
X 3. $(7,11,21)$
4. $(13,17,19)$
Q. 11 In a certain code language, 'TANK' is coded as ' 4 ' and 'PIR' is coded as ' 3 '. How will 'FREIGHT' be coded in that language?
Ans

- 1.7

X2.9
$\times 3.6$
4.5
Q. 12 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
I. All W are A.
II. Some $X$ are W.

Conclusions:
I. All $X$ are $A$.
II. Some W are $\mathbf{X}$.
III. Some $A$ are not $X$.

Ans
X 1. Only conclusion III follows
2. Only conclusion II follows
3. All conclusions follow

X 4. Only conclusion I follows
Q. 13 R 4 is related to P 2 in a certain way. In the same way, F 7 is related to $D 5$. To which of the following is $\mathbf{Z} 8$ related following the same logic?
Ans

1. $\times 6$

X 2. Y 6
$\times 3 . \times 7$
4. Y 7
Q. 14 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?


Ans

Q. 15 The volume of 7 spheres V1, V2, V3, V4, V5, V6 and V7 are compared. The volume of V4 is less than V1, V2 and V5. The volume of V7 is greater than only two spheres. The volume of V4 is more than V7. If the volume of V6 is not the lowest, then the volume of how many spheres is less than V3?
Ans

1. 0
2.5
2. 1
3. 6
Q. 16 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

PAT : SVA :: CRA : ?
Ans
X 1. FMI
2. FMH

X 3 . EMH
$\times 4$. FNH
Q. 17 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
I. All $P$ are $Q$.
II. All N are P .

Conclusions:
I. All N are Q .
II. Some $\mathbf{P}$ are $\mathbf{N}$

Ans

1. Both conclusions I and II follow
2. Only conclusion II follows
3. Neither conclusion I nor II follows
4. Only conclusion I follows
Q. 18 By interchanging the given two signs + and - and two numbers 17 and 216 (NOT digits), which of the following equations will be correct?
I. $10 \times 216+17 \div 6-13=146$
II. $7 \times 216+41-17 \div 36=81$

Ans
$X$ 1. Only 1
X 2. Only II
3. Neither I nor II

X 4. Both I and II
Q. 19 In a certain code language, 'CEKF' is written as 'ZBHC' and 'NCPF' is written as 'KZMC'. How will 'JROG' be written in that language?

Ans
X 1. GOMD
X 2. GOLE
3. GOLD
4. GPLD
Q. 20 Select the option in which the pair of letter-clusters share the same relationship as that shared by the given letter-clusters.

RSPQ : QPSR
Ans

1. CRAX : XARC
2. BEJK : KJBE
3. MAND : NDAM

X 4. TOUR: RUTO
Q. 21 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

KRO, PWT, UBY, ?
Ans
X 1. ZGE
X 2. ZMD
3. ZGD

X 4. ZFD
Q. 22 Select the figure from among the given options that can replace the question mark (?) in the following series.

| $\nabla$ | $\Omega \wedge$ | $\pm$ | $\wedge \wedge$ | $x \times$ | $\pm \wedge$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\pm$ | $\times \times$ | $\times$ | $\Omega$ | $\Omega$ | $\nabla$ | $?$ |

Ans


4. | $\Omega$ | $\times \wedge$ |
| :---: | :---: |
| $\square$ | $\pm$ |

Q. 23 Select the option in which the given figure is embedded (rotation is allowed).
$\square$
Ans
, 1.

$\times 2$.

$\times 3$.

$\times 4$.

Q. 24 Select the number from among the given options that can replace the question mark (?) in the following series.

21, 42, 168, 1008, ?
Ans
$\times 1.8304$
2. 8064
$\times 3.7864$
$\times 4.8834$
Q. 25 In a certain code language, 'ABCD' is coded as '2345', and 'PALE' is coded as '172136'. How will 'TOP' be coded in that language?
Ans
X 1.201607
2. 211617

X 3.201617
X4. 201516

[^0]Q. 1 In what time does a sum of money amount to twice of itself at simple interest of $10 \%$ per annum?

Ans

1. 10 years
2. 5 years
3. 15 years
4. 12.5 years
Q. 2 Find the average of all the prime numbers between 1 to 50 . [Give your answer correct to one decimal place.]

Ans
$\times 1.24 .9$
X2. 34.9
$\times 3.52 .9$
4. 21.9
Q. 3 Select the number that will come in place of the question mark (?) in the following mathematical statement.
$\frac{18}{292} \times \frac{73}{144} \times ?=19$
Ans
$\times 1.622$
2. 608
$\times 3.618$
$\times 4.610$
Q. 4 A cylindrical rod of iron, whose height is equal to the radius of its base, is melted and cast into spherical balls, each of whose radius is half the radius of the base of the rod. Find the number of spherical balls thus made.

Ans
$\times 1.4$
2. 6
$\times 3.5$
$\times 4.3$
Q. 5 What is the value of $(1 \div 8)$ of $512-\{-5 \div 0.5\} \times 6$ ?

Ans
$\times 1.114$
$\times 2.4$
3. 124
4. 64
Q. 6 If $\mathrm{P}=2^{8} \times 3^{5}, \mathrm{Q}=2^{3} \times 3^{4}$, and $\mathrm{R}=3^{5} \times 2^{7}$, then what is the highest common factor of $\mathrm{P}, \mathrm{Q}$ and R ?

Ans

1. $2^{3} \times 3^{4}$
2. $2^{8} \times 3^{5}$

X 3. $2^{2} \times 3^{2}$
X4. $2^{4} \times 3^{5}$
Q. 7 An article is sold at a discount of $12.5 \%$, and still there is a profit of $15 \%$. At what approximate percentage over and above its cost price has the mark-up price of the article been fixed?

Ans

1. $29.41 \%$
×2. $30.08 \%$
×. $34.46 \%$
2. $31.43 \%$
Q. 8 What is the average of the first 60 natural numbers?

Ans

1. 30
2. 60
3. 30.5
4. 45.5
Q. 9 Rajan sold an article to Shyam at a profit of $20 \%$, Shyam sold it to Mohan at a loss of $10 \%$, while Mohan sold it to

Ratan at a profit of $12.5 \%$. If Ratan purchased the article for ₹ 1,215 , then at what price did Rajan purchase it?
Ans
X 1. ₹ 2,000
× 2. ₹950
3. ₹1,000

- 4. ₹900
Q. 10 The average of the runs scored by 8 players in an innings is 55 . If the runs scored by 7 of these players in that innings
are $25,35,45,60,65,60$ and 80 , then how many runs are scored by the $8^{\text {th }}$ player in that innings?
Ans

1. 65
2. 80
$\times 3.75$
-4. 70
Q. $1115 \%$ of $20 \%$ of $\mathrm{S}=126$. What is the value of S ?

Ans

1. 4200
2. 4500
3. 4800
4. 3900
Q. 12 What distance will be covered in 14 minutes by an auto rickshaw moving at $42 \mathrm{~km} / \mathrm{h}$ ?

Ans

1. 6.2 km

X2. 7.2 km
3. 9.8 km
4. 5.8 km
Q. 13 If a boat can cover 250 km downstream and 150 km upstream in 5 hours each, then how much distance will a wooden object flowing in the river cover in 6 hours?

Ans
X1. 54 km
2. 50 km
×3. 40 km
4. 60 km
Q. 14 If $162: \mathrm{x}:: \mathrm{x}: 338$, find the positive value of x .

Ans
$X$ 1. 250
$\times$ 2. 300

- 3. 234

X4. 318
Q. 15 The following table shows the number of children from 4 different schools who like 4 different types of fruits. All the children like only one of the given fruits.

|  | No. of children who likes |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
| School | Apple | Orange | Mango | Grapes |
| P | 120 | 50 | 160 | 150 |
| Q | 90 | 160 | 60 | 90 |
| R | 140 | 120 | 190 | 110 |
| S | 160 | 50 | 40 | 70 |

The total number of students who like grapes from schools $P$ and $R$ together is what percentage of the total number of students who like mango from school R?(Correct to two decimal places)

Ans

1. $136.84 \%$
2. $140.68 \%$
3. $128.92 \%$
4. $150 \%$
Q. 16 A takes twice as much time as $B$ or thrice as much time as $C$ to complete a piece of work. Working together, the trio can complete this work in 2 days. How many days will B take to complete the work alone?

Ans
X1. 15
2. 6

X 3. 12
4. 4
Q. 17 Raman can do a piece of work in 8 days, Sanam and Aman together can do the same work in 6 days, while Raman and Aman together can do it in 4 days. How long will Sanam alone take to do the work?
Ans

1. 25 days

X 2. 18 days
3. 24 days
4. 16 days
Q. 18 The following bar graph shows the results of a survey conducted for 200 students about their favourite hobbies.


In percentage terms, how many more students chose outdoor games as their favourite hobby over those who chose indoor games as their favourite hobby?

Ans
X1. $50 \%$

- 2. $100 \%$

X 3. 200\%
X4. $20 \%$
Q. 19 If the circumference of the top of a hemispherical bowl is 44 mm , find the radius of the top of that bowl. [Use $\pi=\frac{22}{7}$ ]

Ans
$\times 1.10 \mathrm{~mm}$
2. 7 mm
$\times 3.9 \mathrm{~mm}$
$\times 4.8 \mathrm{~mm}$
Q. 20 Find the value of ' $b$ ' in the given mathematical statement:
$30 \%$ of b\% of $296=40 \%$ of $50 \%$ of $5 \%$ of 1480
Ans
$\times 1 . \frac{80}{3}$
2. $\frac{40}{3}$

X 3. $\frac{125}{3}$
4. $\frac{50}{3}$
Q. 21 The ratio of the present ages of Smithers and Homer is $3: 5$. After 7 years, Homer's age will be 42 years. What will be Smithers' age after 8 years?

Ans

1. 23 years
2. 22 years
3. 29 years
4. 31 years
Q. 22 The volume of a wall whose height is six times its breadth and length is half its height, is $23958 \mathrm{~cm}^{3}$. What is the breadth of the wall?

Ans

1. 21 cm

X2. 15 cm
3. 11 cm
4.18 cm
Q. 23 The cost price of a wine bottle is ₹ 660 . If the wine bottle is sold at a loss of $20 \%$, what is the nominal amount of loss incurred through its sale?

Ans
X 1. ₹ 112
(2. ₹110

X 3. ₹ 106
4. ₹132
Q. 24 The pie-chart below shows, in terms of the central angles of the sectors representing each group, the distribution of number of boys in six classes of a school in a village.


If $40 \%$ of the students studying in $3^{\text {rd }}$ class like to play hockey, then the number of students studying in $3^{\text {rd }}$ class who do NOT like to play hockey is:

Ans
-1. 180
X2. 144
X3. 216
X4. 120
Q. 25 At simple interest a certain sum amounts to₹ 12,000 in 5 years and to $₹ 18,000$ in 8 years. What is the rate of simple interest per annum on offer?

Ans
$\times 1.62 .5 \%$
X 2. $150 \%$
3. $100 \%$

X4. $12.5 \%$

[^1]Q. 1 Which of the following naturally occurring acids is present in ant sting?

Ans
X 1. Lactic acid
X 2. Citric acid
3. Methanoic acid
4. Oxalic acid
Q. 2 Which team lost to Hyderabad FC in the finals of ISL 2021-22?

Ans
X 1. Jamshedpur FC
2. Kerala Blasters FC
3. ATK Mohun Bagan
4. FC Goa
Question ID : $\mathbf{2 6 4 3 3 0 4 7 6 6 5}$
Status : Not Answered
Chosen Option : --
Q. 3 Why is there low population growth in a society that is underdeveloped and technologically backward?
Ans

1. Because both death rate and birth rate are high
2. Because both death rate and birth rate are low
3. Because such countries usually have strict government policies related to population growth
X 4. Because people migrate from underdeveloped countries
Q. 4 Right to Education was added as a fundamental right in the Indian Constitution in

Ans
$\times 1.1997$
X 2.1986
3. 2002
4. 2004
Q. 5 What is the coil of wire in the electric room heater known as?

Ans
$\times 1$. Cell
2. Fuse
3. Switch
4. Element
Q. 6 In which state of India is the Sri Brahmapureeswarar temple situated?

Ans
X 1. Andhra Pradesh
2. Tamil Nadu
3. Rajasthan
4. Manipur
Q. 7 'Waiting for a Visa' is the autobiography of which of the following persons?

Ans

1. BR Ambedkar
2. Indira Gandhi
3. Mahatma Gandhi
4. Jawaharlal Nehru
Q. 8 In which of the following sites of Indus Valley Civilisation was 'The Great Bath' found?

Ans
X 1. Kalibangan
2. Dholavira

X 3. Lothal
4. Mohenjo-Daro
Q. 9 Which team won the Vijay Hazare Trophy 2021-22?

Ans
X 1. Tamil Nadu
2. Services

X
3. Uttar Pradesh
4. Himachal Pradesh
Q. 10 Which of the following dance forms depicts the anguish of women whose partners are gone from home?
Ans
X 1. Matki
2. Biraha
3. Alkap
4. Paika
Q. 11 As per Census 2011, which of the following states of India has the highest sex ratio?

Ans
X 1. Madhya Pradesh
X 2. Uttar Pradesh
3. Kerala

X 4. Maharashtra
Q. 12 The SAHAY scheme to promote sports in rebel hit areas was launched by which state of India?

Ans

1. Jharkhand

X 2. Odisha
X 3. Haryana
X 4. Assam
Q. 13 The oceanic crust of the earth mainly consists of $\qquad$ .
Ans

1. silica and magnesium
$\times 2$. silica and alumina
X 3. magnesium and nickel
$\times 4$. iron and alumina
Q. 14 In which year was the Child Marriage Restraint Act passed in India?

Ans

1. 1929

- 2. 1931
- 3.1935

X 4.1933
Q. 15 In which season are Kharif crops grown?

Ans $\times 1$. Autumn
2. Monsoon

X 3. Spring
4. Winter
Q. 16 What is the longitudinal valley lying between lesser Himalaya and the Shiwaliks called?
Ans
X 1. Hana
$\times 2$. Sind
X 3. Kangra
4. Dun
Q. 17 Which of the following persons was appointed as Chief of the Air Staff of India in September 2022?
Ans
X 1. RKS Bhadauria
X 2. Harjit Singh Arora
3. Vivek Ram Chaudhari
4. Sandeep Singh

```
Q. 18 the caste system
Ans
\(X\) 1. Keshab Chandra Sen
X 2. Raja Ram Mohan Roy
\(X\) 3. Debendranath Tagore
4. Jyotirao Govindrao Phule
```

Q. 19 Madhavi Mudgal is associated with which classical dance of India?

Ans
X 1. Manipuri
X 2. Kathak
3. Odissi
4. Sattriya
Q. 20 Which of the following is the first solar project to break the grid parity barrier in India?

Ans
< 1. Bhadla Solar Park
X 2. Kurnool Ultra Mega Solar Park
3. Rewa Ultra Mega Solar

X 4. Charanka Solar Park
Q. 21 In which of the following states is the Goncha Festival celebrated?

Ans

1. Chhattisgarh
2. Karnataka
3. Jharkhand
4. Odisha
Q. 22 Which of the following is a component of capital budget?

Ans
Х 1. Direct spending
X 2. Non-tax revenue
X 3. Tax revenue
4. Non-plan capital expenditure
Q. 23 How many Grammy Awards has AR Rahman won?

Ans
X 1.1
$\times 2.4$

- 3.2
$\times 4.3$
Q. 24 Which of the following is the correct chronological order of the rulers of the Tughluq dynasty who ruled over Delhi from the year 1320 to 1414 ?
Ans
X 1. Ghiyasuddin Tughluq, Firuz Shah Tughluq, Muhammad Tughluq
X 2. Firuz Shah Tughluq, Muhammad Tughluq, Ghiyasuddin Tughluq

3. Ghiyasuddin Tughluq, Muhammad Tughluq, Firuz Shah Tughluq
4. Muhammad Tughluq, Firuz Shah Tughluq, Ghiyasuddin Tughluq
Q.25 As per the Constitution of India, every Legislative Assembly of every State, unless sooner dissolved, shall continue for $\qquad$ from the date appointed for its first meeting.
Ans
5. two years
6. three years
7. six years
8. five years

## Multi Tasking Non Technical Staff Havaldar CBIC and CBN Examination 2021

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name | TCS Gito Bitan |
| Exam Date | 06/07/2022 |
| Exam Time | 5:00 PM - 6:30 PM |
| Subject | MTS Non technical and Havaldar Examination 2021 |

## Section : General English

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

He said the cooperative will continue to invest $\qquad$ per its usual yearly rate.
Ans
$X$ 1. that
$\times 2$. so
$X$ 3. such
4. as
Q. 2 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

In his memoir, Attenborough said that, "Lisa would have been 11 if she was with us today."
Ans
X 1. Attenborough said that, "Lisa will have been 11 if she were
2. Attenborough said, "Lisa would have been 11 if she were
$\times$ 3. Attenborough said, "Lisa would have been 11 if she was
Х 4. No improvement required
Q. 3 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Young scientists have fresh ideas; they are ambitious and highly productive.
Ans
$X 1$ and highly productive
$X$ 2. Young scientists have fresh ideas
3. No error

X 4. they are ambitious
Q. 4 Select the option that corrects the misspelt words in the given sentence.

The anti-terorist squod is investgating this case.
Ans

1. The anti-terrorist squod is investigatng this case.
$\times 2$. The anti-terrorrist squad is invstigating this case.
2. The anti-terroist squad is investegating this case.
3. The anti-terrorist squad is investigating this case.
Q. 5 Select the most appropriate option to fill in the blank.

If I $\qquad$ a doctor, I would have treated you all.
Ans

1. were
$\times 2$. would
$\times 3$ am
X4. could
Q. 6 Select the most appropriate ANTONYM of the underlined word.

He carries that sorrow with him now, just under the surface, almost tangible.
Ans
$X$ 1. Detectable
2. Abstract
$X$ 3. Actual
$X$ 4. Distinct
Q. 7 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

These days, judging someone is easier then respecting them.
Ans

1. is easier than
$\times 2$. is easiest than
$\chi$ 3. is more easier then
Х 4. No improvement required

## Q. 8 Select the correctly spelt word.

Ans

1. Assembly
$\times 2$. Asembly
X 3. Asemmbly
X 4. Assemmbly
Q. 9 Select the most appropriate meaning of the given idiom.

To lead one by the nose
Ans
$\times 1$. To try again after failing at something
2. To control someone completely
$\times 3$. To have the freedom to choose
$\times 4$. To be anxious to start something
Q. 10 Select the most appropriate ANTONYM of the given word.

Decay
Ans
$X$ 1. Disintegrate
2. Growth

X 3. Spoilage
$\times$ 4. Breakdown
Q. 11 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

Why should we give up everything?
Ans
$X 1$. gives up
$\times 2$. given off
$X 3$. gave at
4. No improvement required
Q. 12 Select the most appropriate ANTONYM of the underlined word in the given sentence.

He learned to endure hunger and cold.
Ans
X1. Reconcile
$\times 2$. Persist
3. Resist

X 4. Sustain
Q. 13 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

My company beliefs that no one should turn up late for work.
Ans
X 1. believing
2. believes

X 3. No improvement required
$\chi 4$. belief
Q. 14 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

I am sorry of which my mother said.
Ans

1. for what
$X$ 2. for which
$\times 3$. off that
$X 4$. No improvement required
Q. 15 Select the most appropriate meaning of the given idiom.

Play with fire
Ans
X 1. To play a game honestly
2. To do something risky
$\chi$ 3. To please someone
$\times 4$. To waste time on worthless things
Q. 16 Select the most appropriate synonym of the given word.

Obstruct
Ans
X 1. Replace
2. Curb

X 3. Release
X 4. Unclog
Q. 17 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Safety measures makes risky activities less risky.
Ans
X 1. risky activities
X 2. No error
3. Safety measures makes

X 4. less risky
Q. 18 Select the most appropriate option to fill in the blank.

The ocean waves swelled and reached $\qquad$ her head, and she started screaming.
Ans
$\times 1$. among
$\times 2$. upon

- 3. above
$\times 4$. at
Q. 19 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Human being are / the producers and the / consumers of Earth's / resources.
Ans

1. Human being are
$X 2$. resources
$\times$ 3. the producers and the
X 4. consumers of Earth's
Q. 20 Select the most appropriate synonym of the underlined word.

I don't know why she wears these eccentric outfits.
Ans
X1. Expensive
$X$ 2. Elegant
3. Bizarre

X 4. Lavish

## 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.

Strong mental health is not just the (1) $\qquad$ of mental health problems. (2) $\qquad$ mentally or emotionally healthy is (3) $\qquad$ more than being free of depression, anxiety or other psychological issues. (4) than the absence of mental illness, mental health (5)
$\qquad$ to the presence of positive characteristics and positive outlook towards life.

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

Ans
X1. adequacy
2. absence
$\times 3$. attendance
$\times 4$. leave

## 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.

Strong mental health is not just the (1) $\qquad$ of mental health problems. (2) $\qquad$ mentally or emotionally healthy is (3) more than being free of depression, anxiety or other psychological issues. (4) than the absence of mental illness, mental health (5)
$\qquad$ to the presence of positive characteristics and positive outlook towards life.

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

Ans

1. Being
$\times 2$. Been
$\times 3$.As
$\times 4 . \mathrm{Be}$

## 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.

Strong mental health is not just the (1) $\qquad$ of mental health problems. (2) $\qquad$ mentally or emotionally healthy is (3) $\qquad$ more than being free of depression, anxiety or other psychological issues. (4) than the absence of mental illness, mental health (5)
$\qquad$ to the presence of positive characteristics and positive outlook towards life.

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

Ans
X 1.many
X 2. very
3. much

X4. most

## 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.

Strong mental health is not just the (1) $\qquad$ of mental health problems. (2) $\qquad$
mentally or emotionally healthy is (3) $\qquad$ more than being free of depression, anxiety or other psychological issues. (4) $\qquad$ than the absence of mental illness, mental health (5)
$\qquad$ to the presence of positive characteristics and positive outlook towards life.
SubQuestion No : $\mathbf{2 4}$
Q. 24 Select the most appropriate option to fill in blank number 4.

Ans
$\times 1$. Sooner
$X$ 2. Neither
3. Rather
$\times 4$. Whether

## 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.

Strong mental health is not just the (1) $\qquad$ of mental health problems. (2) $\qquad$ mentally or emotionally healthy is (3) $\qquad$ more than being free of depression, anxiety or other psychological issues. (4) than the absence of mental illness, mental health (5)
$\qquad$ to the presence of positive characteristics and positive outlook towards life.

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

Ans
$X 1$. names
$\times 2$. means
$\times$ 3. resembles
4. refers

## Section : General Intelligence and Reasoning

Q. 1 Select the option that is related to the fifth number in the same way as the second number is related to the first number and fourth number is related to third number.
(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)

139 : 228 :: 122 : 211 :: 2 : ?
Ans

- 1.91
$\times 2.198$
$\times 3.89$
$\times 4.189$
Q. 2 Which two numbers need to be interchanged to make the following equation correct?
$42 \times 15 \div 3+6-5=94$
Ans
$\times 1.15$ and 5

2. 15 and 6
$\times 3.5$ and 3
X 4.6 and 3
Q. 3 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

## Statements:

All trousers are pants.
All pants are clothes.
Conclusions:
I. Some clothes are trousers.
II. All pants are trousers.

Ans
X 1. Both conclusions I and II follow.
2. Only conclusion I follows.

X 3. Neither conclusion I nor II follow.
X 4. Only conclusion II follows.
Q. 4 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

24:36 :: 38 : 57 :: 58 : ?
Ans
$\times 1.79$
$\times 2.69$
$\times 3.75$

- 4.87
Q. 5 Select the option in which the given figure is embedded as its part (rotation is NOT allowed).


Ans
$\checkmark 1$.

$\times 2$

$\times 3$.

$\times 4$.

Q. 6 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
No shirt is a pant. Some shirts are jackets.
All jackets are trousers.
Conclusions:
I) Some shirts are trousers is a possibility.
II) No pant is a jacket.

Ans
X 1. Neither conclusion I nor II follows
X 2. Only conclusion II follows
3. Only conclusion I follows

Х 4. Both conclusions I and II follow.
Q. 7 In a certain code language, 'Trucks are heavy and good' is coded as '6 872 @',
'Weight lifts human heavy' is coded as '\# \% 48 ', and 'good are multiples' is coded as '@ pr 6'. What is can be the code for 'heavy good' in that language?
Ans
$\times 1.78$

- 2.86

X 3.6 @
$\times 4.46$
Q. 8 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.

Retina : Eye :: Pons : Brain :: Cochlea : ?
Ans
X 1. Heart
2. Ear
$\times 3$. Throat
$\times 4$. Nose
Q. 9 In a certain code language, 'Numbers are even' is coded as ' 53 +', and 'Odd factors are multiples' is coded as '+ 76 @'. What can be the code for 'even' in that code language?

Ans
$\times 1.6$
$\times 2 .+$

- 3.5 or 3
$\times 4.7$
Q. 10 Select the figure from among the given options that can replace the question mark (?) in the following series.


Ans

Q. 11 Select the figure from the options that can replace the question mark (?) and complete the pattern.


Ans

$\times 2$.

$\checkmark 3$.

$\times 4$.

Q. 12 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.

Book : Author :: Movie : Director :: Poem :?
Ans

1. Poet
$\times 2$. Singer
$X$ 3. Actor
X 4. Dancer
Q. 13 Select the figure from the given options that can replace the question mark (?) and complete the pattern.


Ans
$\times 1$.

$\times 2$.


- 3. 


$\times 4$.

Q. 14 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?


Ans
$\times 1$.

$\times 4$.

Q. 15 In a certain code language, if dress is called comb, comb is called hair dryer, hair dryer is called lipstick, lipstick is called sandal, and sandal is called jewellery, then what is used to colour the lips?

Ans
$X 1$. Jewellery
X 2. Comb
X 3. Hair dryer
4. Sandal
Q. 16 The heights of seven boys B1, B2, B3, B4, B5, B6 and B7 is compared. They all have different heights. B2 is taller than B1 and B6. B7 is shorter than B3 and B4 but taller than B5. B5 is taller than only three boys and B3 is the tallest.
How many boys are shorter than B4 and taller than B2?
Ans

- 1.2
$\times 2.1$
$\times 3.4$
$\times 4.3$
Q. 17 Seven friends, Parv, Qazi, Raees, Sushil, Tania, Uma, and Vishnu are sitting around a circular table facing the centre. Parv is immediate neighbour of both Tania and Sushil. Uma is immediate neighbour of both Qazi and Vishnu. Qazi is sitting second to the right of Tania. Who is sitting to the immediate left of Qazi?
Ans
- 1. Raees
$X 2$. Sushil
X 3. Vishnu
X 4. Uma
Q. 18 In a certain code language, 'TRAM' is written as 'UQBL' and 'PAST' is written as 'QZTS'. How will 'DEED' be written in that language?

Ans
X 1. FEDC
$\times 2$. EFCD
X 3. CEFD
4. EDFC
Q. 19 What will be the value of the given expression, if ' $A$ ' means ' + ', ' $B$ ' means ' - ', ' $C$ ' means
' $x$ ' and ' $D$ ' means ' $\div$ '?
20 B 30 A 15 C 20 D 5
Ans
$\times 1.60$
2. 50
$\times 3.40$
$\times 4.55$
Q. 20 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into 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.)
$(13,28,86)(18,38,116)$
Ans

1. $(10,22,68)$

X 2. $(9,18,56)$
X $3 .(8,18,54)$
X4. $(11,24,76)$
Q. 21 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

POLE : SROH :: HAIR : ?
Ans
X 1. KGLU
2. KDLU
$X$ 3. KELU
X4.KDLV
Q. 22 Seven women A, B, C, D, E, F and G are sitting in a row facing the South (not necessarily in the same order). A is fifth to the right of G. A is at one of the ends. $E$ is exactly in the middle of row. $F$ is fourth to the right of $G$. $B$ is not the immediate neighbour of $E$. $D$ is to the immediate left of $E$.
Which of the following statements is/are NOT correct?
I. $D$ is third to the left of $F$.
II. $F$ is sitting between $C$ and $D$.

Ans
X 1. Both I and II
X 2. Only I
X 3. Neither I nor II
4. Only II
Q. 23 Identify the number that does NOT belong to the following series.

46, 93, 188, 379, 764, 1529
Ans 1.764
$\times 2.93$
$\times 3.188$
$\times 4.379$
Q. 24 Select the figure from among the given options that can replace the question mark (?) in the following series.


Ans
$\times 1$.

$\times 2$

$\times 3$

$\checkmark 4$.

Q. 25 Select the letter from among the given options that can replace the question mark (?) in the following series.
$\mathbf{I}, \mathbf{M}, \mathbf{Q}, \mathrm{U}$, ? , C
Ans
$\times 1$. W
$\times 2$. A
X $3 . \mathrm{V}$
4. Y

Section : Numerical Aptitude
Q. 1 What approximate value should come in the place of the question mark '?' in the following equation?
$305.03 \div 61.09 \times 11.47=$ ?
Ans

1. 57
$\times 2.47$
$\times 3.12$
$\times 4.63$
Q. 2 The average weight of 6 girls is increased by 2.5 kg when one of the girls whose weight is 38 kg is replaced by a new girl. Find the weight of the new girl.

Ans
$\times 1.58 \mathrm{~kg}$
2. 53 kg

X 3. 49 kg
$\times 4.46 \mathrm{~kg}$
Q. 3 Find the area of a trapezium whose parallel sides are of length 15 cm and 20 cm , respectively, and whose distance between the parallel sides is 12 cm .

Ans
X1. $280 \mathrm{~cm}^{2}$
2. $210 \mathrm{~cm}^{2}$
$\times 3.360 \mathrm{~cm}^{2}$
X $4.120 \mathrm{~cm}^{2}$
Q. 4 What is the largest number that can exactly divide 403 and 496 ?

Ans
$\times 1.62$
$\times 2.93$
$\times 3.13$
-4. 31
Q. 5 Ravi sold a chair at a loss of $40 \%$. The selling price of the chair is $₹ 900$. What is the cost price of the chair?

Ans $\times 1$. ₹ 1,260
2. ₹ 1,500

X 3. ₹ 1,800
X4. ₹ 1,660
Q. 6 Two right circular cones of equal volumes have their heights in the ratio $4: 9$. What is the ratio of the radii of their bases, the cones coming in the same order as that in which the ratio of their heights is given?

Ans

1. $3: 2$

X2. $9: 4$
X 3. $2: 3$
X4.4:9
Q. 7 If $60 \%$ of $\mathrm{G}=\frac{4}{5}$ of H , then G is approximately what percentage of H ?

Ans
$\times 1.125 \%$
$\times 2.115 \%$
$\times 3.140 \%$
4. $133.33 \%$
Q. 8 The terms $\mathrm{x}-1, \mathrm{x}+2,3 \mathrm{x}+5$, and y are in proportion. Find the value of y if $\mathrm{x}=5$.

Ans
$\times 1.45$
$\times 2.29$
-3. 35
$\times 4.24$
Q. 9 Krish can do a piece of work in 4 days, while Rishi can do the same work in 6 days. Both of them work together and get a total of $₹ 1,600$. What is the share of Rishi?
Ans
X 1. ₹ 800
2. ₹ 640

X 3. ₹ 720
X4. ₹580
Q. 10 The average age of 24 students in a class is 15 years. When the teacher's age is included, the average increases by 1 .

What is the teacher's age (in years)?
Ans
$\times 1.50$
$\times 2.45$
$\times 3.55$
-4. 40
Q. 11 Find the rate of simple interest per annum at which a sum of $₹ 1,200$ will amount to₹ 1,800 in 4 years.

Ans
X1.15\%
2. $12.5 \%$

X 3. 14\%
X4.10\%
Q. 12 The value of $\left\{(0.51)^{3}+(0.49)^{3}\right\} \div\left\{(0.51)^{2}-0.2499+(0.49)^{2}\right\}$ is:

Ans
X1. 2.9

- 2. 1.00
$\times 3.1 .57$
$\times 4.3 .31$
Q. 13 The difference between the length and the breadth of a rectangle is 16 cm . If its perimeter is 188 cm , then what is its area?

Ans
X 1. $2100 \mathrm{~cm}^{2}$
2. $2145 \mathrm{~cm}^{2}$
$\times$ 3. $2050 \mathrm{~cm}^{2}$
X4. $2375 \mathrm{~cm}^{2}$
Q. 14 The following bar graph shows the number of books sold from four different branches, B1, B2, B3 and B4, of a publishing house, in three consecutive years.


Calculate the total number of books sold from branch B3 during these three years.
Ans
X1. 1432
2. 1378
$\times 3.1322$
X4. 1783
Q. 15 A survey was conducted among 3000 people to find the chain of cafes that was most popular. The following pie chart shows the distribution of the percentage of people according to the choice of their favourite cafe.


Find the ratio of the number of the people who selected the most popular among the given cafe chains as their favourite to the number of the people who selected the least popular among the given cafe chains as their favourite.

Ans

1. 2:1

X2. 1:3
X3.1:2
X4. $3: 1$
Q. 16 The average of $\mathrm{U}, \mathrm{V}$ and W is 48 and that of V and W is 48 . What is the value of U ?

Ans
$\times 1.44$
2. 48
$\times 3.42$
$\times 4.46$
Q. 17 A car travels the first half of a journey at a speed of $80 \mathrm{~km} / \mathrm{h}$ and the next half of the journey at $100 \mathrm{~km} / \mathrm{h}$. What is the average speed of the car? [Give your answer correct to 2 places of decimal.]
Ans
, 1. $88.89 \mathrm{~km} / \mathrm{h}$
X 2. $92.29 \mathrm{~km} / \mathrm{h}$
X $3.82 .28 \mathrm{~km} / \mathrm{h}$
X $4.45 .41 \mathrm{~km} / \mathrm{h}$
Q. 18 A can do a piece of work alone in 12 days. B is $20 \%$ more efficient than A , and C is $25 \%$ more efficient than B . In how
many days can B and C together complete the work?
Ans
X 1. $\frac{35}{7}$ days
X2. $\frac{35}{9}$ days
$\times$ 3. $\frac{40}{7}$ days
4. $\frac{40}{9}$ days
Q. 19 If $M=8 x$ and $N=6 x$, then $N$ is what percentage less than $M$ ?

Ans $X 1.22 .5 \%$
$\times 2.33 .33 \%$
3. $25 \%$

X4. $20 \%$
Q. 20 How much amount will be received on a principal of ₹ 10,000 at the rate of $12 \%$ per annum, compounded annually for 2 years?

Ans
X 1. ₹ 13,526
X2. ₹ 11,526
X 3. ₹13,446

- 4 ₹ 12,544
Q. 21 The following table shows the total number of votes polled and the percentage of invalid votes in a polling center in a village during the last four Assembly elections.

| Year | Total votes <br> polled | Percentage of <br> Invalid votes |
| :--- | :--- | :--- |
| 2005 | 6500 | $5 \%$ |
| 2010 | 8000 | $7 \%$ |
| 2015 | 9400 | $15 \%$ |
| 2020 | 10400 | $12 \%$ |

What is the sum of the number of valid votes polled in 2010 and 2015 at this center?

Ans
X 1. 16140

- 2. 15430

X 3. 15600
X4. 16425
Q. 22 The marked price of an article is kept at $25 \%$ above the cost price. If the article is sold at a discount of $8 \%$, find the ratio of its selling price to its cost price.
Ans
X1. $43: 40$
2. $23: 20$
$\times 3.23: 40$
X4. $20: 23$
Q. 23 In a housing society, the ratio of two-wheelers to four-wheelers is $11: 9$. Among the four-wheelers, one-fourth are petrol vehicles and the remaining 81 are diesel vehicles. How many two-wheelers are there in this housing society?

Ans
X1. 88

- 2. 132
$\times 3.121$
$\times 4.99$
Q. 24 By selling an article for ₹ 450 , Riyan incurred a loss of $10 \%$. At what price should he sell it to make a profit of $12 \%$ ?

Ans
X 1. ₹ 480
$\times 2$. ₹440

- ₹. ₹560

X4.₹ 600
Q. 25 The speed of a boat in still water is $16 \mathrm{~km} / \mathrm{h}$. the time taken by the boat to cover a distance of 18 km upstream is equal to the time taken by the boat to travel 30 Km downstream. What is the speed of the stream?

Ans

1. $4 \mathrm{~km} / \mathrm{h}$
$\times$ 2. $7 \mathrm{~km} / \mathrm{h}$
X 3. $5 \mathrm{~km} / \mathrm{h}$
X4. $6 \mathrm{~km} / \mathrm{h}$

Section : General Awareness
Q. 1 In which state of India is Nishagandhi festival celebrated?

Ans

1. Kerala
$\times 2$. Odisha
X 3. Madhya Pradesh
X 4. Rajasthan
Q. 2 The famous song 'Aye Mere Watan Ke Logo' was originally sung by $\qquad$ .
Ans $\times 1$. Shreya Ghoshal
$\times$ 2. Arijit Singh
2. Lata Mangeshkar

X 4. Asha Bhosle
Q. 3 Who among the following took the title of 'Ghazi' after defeating Rana Sanga in the Battle of Khanwa in 1527 ?
Ans

1. Babur

X 2. Daulat Khan Lodhi
$X$ 3. Humayun
X 4. Mahmud Shah I
Q. 4 Mona writes about an ocean that separates North America from Europe. Which ocean is it?
Ans

1. Atlantic Ocean
$\times 2$. Arctic Ocean
$\times$ 3. Indian Ocean
Х 4. Pacific Ocean
Q. 5 What is the term of State Legislative Assembly in India as per Indian Constitution?

Ans
$\times 1.7$ years
$\times 2.4$ years

- 3.5 years

X4.3 years
Q. 6 With which Indian state is the 'Panthi' dance form associated?

Ans
X 1. Maharashtra
2. Chhattisgarh

X 3. Punjab
X 4. Kerala
Q. 7 Which Mauryan ruler was called 'Amitrochates' by the Greeks?

Ans
X 1. Samudragupta
X 2. Chandragupta I
3. Bindusara

X 4. Kanishka
Q. 8 Which of the following Articles under Directive Principles of State Policy, in the Indian constitution provides the organisation of village panchayats?
Ans
$\times 1$. Article 60
X 2. Article 50
X 3. Article 30

- 4. Article 40
Q. 9 According to the data from the economic think-tank, the Centre for Monitoring Indian Economy (CMIE), which of the following states witnessed the highest unemployment rate as of January 2022?

Ans
X 1. Rajasthan
2. Delhi
3. Tripura
4. Haryana
Q. 10 Who is the recipient of the Abhinandan Saroja National Award 2021 by the National Institute of Indian Classical Dance?
Ans

1. Aparna Satheesan
2. Prabhudeva
3. Chaya Kumar
4. Shovana Narayan
Q. 11 Choose the most reactive metal from the options given below.

Ans $\quad \times 1$. Copper
$\times 2$ 2inc
3. Sodium

X4. Iron
Q. 12 Which of the following is an example of Mughal architecture under Aurangzeb?

Ans 1. Moti Masjid, Delhi
X 2. Taj Mahal, Agra
X 3. Jama Masjid, Delhi
X 4. Qutab Minar, Delhi
Q. 13 Which of the following was set up in 1956 by the Indian government by nationalising all the existing private sector life insurance companies?
Ans
X 1. New India Insurance Company of India Limited
X 2. General Insurance Corporation
3. Life Insurance Corporation of India

X 4. United India Insurance Company Limited
Q. 14 Who among the following won a bronze medal in the Summer Olympics 2020 (played in 2021)?
Ans
X 1. Ravi Dahiya
X 2. Neeraj Chopra
3. PV Sindhu

X4. Mirabai Chanu
Q. 15 India and Sri Lanka are joined by a group of islets forming $\qquad$ .

Ans $\quad$ 1. Mahatma Gandhi Setu
$\times 2$. Sisseri River Bridge
X 3. Bhupen Hazarika Bridge
4. Adam's Bridge
Q. 16 Which of the following was a revolutionary organisation formed outside India in 1913?

Ans $\times 1$. Bharatiya Janata Party
$\times 2$. Simon Commission
3. Ghadar Party
$\times$ 4. Indian National Congress
Q. 17 Which animal was the official mascot of the ICC Cricket World Cup 2011?

Ans

1. Elephant
$\times 2$. Horse
$\times 3$. Lion
$\times 4$. Tiger
Q. 18 Which TMC candidate won the Asansol (West Bengal) by-poll election in April 2022?

Ans
X 1. Mamata Banerjee
X 2. Agnimitra Paul
3. Shatrughan Sinha

X 4. Rahul Gandhi
Q. 19 Which of the following ports is known as 'Diamond Harbour'?

Ans
$X 1$. Port Blair
$\times 2$. Kochi
3. Kolkata

X4. Mangalore
Q. 20 Indian shooter and gold medallist Abhinav Bindra's autobiographical book is called
$\qquad$ _.
Ans
$\times 1$. Shots Fired
$X$ 2. Hunting the Hard Way
$\times 3$. Firing Point
4. A Shot at History
Q. 21 Which of the following socio religious communities was founded by Raja Ram Mohan Roy?
Ans
X 1. Akali Dal
$\times$ 2. Prarthana Samaj
$\times$ 3. Arya Samaj
4. Brahmo Samaj
Q. 22 Which of the following is an example of Phylum Mollusca of the animal kingdom?

Ans

1. Octopus
$\times 2$. Sea horse
$\times 3$. Dolphin
X 4. King crab
Q. 23 According to the census 2011, which state is the most populous state in India?

Ans

1. Uttar Pradesh

X 2. Rajasthan
X 3. Kerala
X 4. Madhya Pradesh
Q. 24 The Delhi Municipal Corporation (Amendment) Bill, 2022 was proposed in Lok Sabha by the Ministry of $\qquad$ _.
Ans
$X$ 1. Law and Justice
$X 2$. Defence
X 3. Social justice and Empowerment
4. Home Affairs
Q. 25 Which natural compound helps in photosynthesis of plants?

Ans

1. Chlorophyll

X 2. Glucose
X 3. curcumin
$\times 4$. Lectin


[^0]:    Section : Numerical Aptitude

[^1]:    Section: General Awareness

