Multi Tasking Non Technical Staff Havaldar CBIC and CBN Examination 2021

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name | iON Digital Zone iDZ Anantapur |
| Exam Date | 05/07/2022 |
| Exam Time | 9:00 AM - 10:30 AM |
| Subject | MTS Non technical and Havaldar Examination 2021 |

## Section: General English

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

One's cup of tea
Ans
X 1. One's perception about someone
2. One's general principle
3. One's hard-earned money
4. One's chosen or preferred thing
Q. 2 Select the most appropriate ANTONYM of the bracketed word in the given sentence.

It is irrelevance, at least to me, whether the grant was (improvident) or no.
Ans
X 1. tardy
2. thrifty
3. cautious
4. hungry
Q. 3 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.

When you are under significant stress, it is hardly to process details and nuances.
Ans

1. significant stress, it is hardly
2. to process details and nuances
3. When you are under
4. No error
Q. 4 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 reduced air pressure on airline flights can lessen the amount of oxygen in passengers' blood for twenty-five percent.
Ans

1. The reduced air pressure on airline flights

X 2. No error

- 3. in passengers' blood for twenty-five percent

4. can lessen the amount of oxygen
Q. 5 Select the most appropriate option to fill in the blank.

My teacher asked me to keep $\qquad$ .

Ans

1. quiet
2. quite
3. quit
4. quaint
Q. 6 Select the most appropriate ANTONYM of the given word.

Perilous
Ans
X 1. Verbose
X 2. Unstable
X 3. cruel
4. Safe
Q. 7 Select the most appropriate option to fill in the blank.

He claims to be the $\qquad$ kid in the school.
Ans
X1. smartness
2. smartest

X 3. smarting
X 4. smarter
Q. 8 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

Many families are so poor to bear the cost of educating all their children.
Ans
X 1. No improvement required
2. too poor
$\times$ 3. to poor
X4. such poor
Q. 9 Select the option that corrects the misspelt words in the given sentence.

Surely, he now has earned the repsect 'mastr'.
Ans
$X$ 1. Surly, he now has earned the respect 'muster'.
X 2. Surly, he now has earned the repsect 'masterr'.
X 3. Surely, he now has earned the repsect 'masteer'.
4. Surely, he now has earned the respect 'master'.
Q. 10 Select the option that can be used as a one-word substitute for the given group of words.

A book that contains information on various subjects
Ans

1. Encyclopaedia
2. Manuscript
$X$ 3. Thesaurus
X 4. Dictionary
Q. 11 Select the most appropriate ANTONYM of the underlined word.

The more enlightened employers offer better terms.
Ans
X 1 . Civilised
X 2. Educated
3. Confounded

X 4. Reasonable
Q. 12 Select the most appropriate synonym of the given word.

Hasty
Ans

1. Expeditious
2. Restricted

X 3. Laidback
X 4. Locked
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'.

The water at her place was cool and had a metallic taste.
Ans
X 1. was cooling and have
2. No improvement require

X 3. were cool and have
X 4. was coolest and has
Q. 14 Select the INCORRECTLY spelt word.

Ans

1. Perterb

X 2. Perceive
$\times$ 3. Pigeon
X 4. Passive
Q. 15 Select the most appropriate meaning of the given idiom.

Chew the scenery
Ans
$X$ 1. To understate
2. To act overly emotional
3. To beautify

X 4. To mismanage
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'.

Banning food and beverages is not desirable nor feasible in a civilized society.
Ans

1. neither
2. No improvement required
3. none
4. nor
Q. 17 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Scientists believe / that many animals have / a unique languages / of their own.
Ans
$X$ 1. that many animals have
$\times 2$. Scientists believe
3. a unique languages
4. of their own
Q. 18 Select the most appropriate synonym of the underlined word in the given sentence.

The plan is to demolish the kitchen area and build a new room.
Ans
$X$ 1. curtail
$\times 2$. forge
3. raze

X 4. refurbish
Q. 19 Select the option that can be used as a one-word substitute for the given group of words.

A thing or substance that is liable to catch fire easily
Ans
X 1. Inaudible
2. Inflammable

X 3. Incombustible
4. Extinguishable
Q. 20 Select the option that can be used as a one-word substitute for the given group of words.

A group of guns or missile launchers operated together at one place
Ans
X 1. Psaltery
X 2. Skittery
X 3. Cemetery
4. Battery

## 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.

Deforestation in tropical regions can (1) $\qquad$ the way water vapour is produced over the canopy, (2) $\qquad$ causes reduced rainfall. A 2019 study published in the journal
Ecohydrology showed that parts of the Amazon rainforest that (3) $\qquad$ converted to agricultural land (4) $\qquad$ higher soil and air temperatures, which could (5) $\qquad$ drought conditions.

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

Ans
X 1. hold
X 2. attack
3. affect

X4. effect

## 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.

Deforestation in tropical regions can (1) ___ the way water vapour is produced over the canopy, (2) $\qquad$ causes reduced rainfall. A 2019 study published in the journal
Ecohydrology showed that parts of the Amazon rainforest that (3) $\qquad$ converted to
agricultural land (4) $\qquad$ higher soil and air temperatures, which could (5) $\qquad$ drought
conditions.
SubQuestion No : 22
Q. 22 Select the most appropriate option to fill in blank number 2.

Ans
X 1. whom
2. which

X 3. where
X4. who

## 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.

Deforestation in tropical regions can (1) $\qquad$ the way water vapour is produced over the canopy, (2) $\qquad$ causes reduced rainfall. A 2019 study published in the journa Ecohydrology showed that parts of the Amazon rainforest that (3) $\qquad$ converted to agricultural land (4) $\qquad$ higher soil and air temperatures, which could (5) $\qquad$ drought conditions.

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

Ans
$X 1$ is
2. were

X 3.was
$\times 4$. has

## 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.

Deforestation in tropical regions can (1) $\qquad$ the way water vapour is produced over the canopy, (2) $\qquad$ causes reduced rainfall. A 2019 study published in the journa
Ecohydrology showed that parts of the Amazon rainforest that (3) $\qquad$ converted to agricultural land (4) $\qquad$ higher soil and air temperatures, which could (5) $\qquad$ drought conditions.

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

Ans

1. had
2. did
3. was
4. has

## 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.

Deforestation in tropical regions can (1) $\qquad$ the way water vapour is produced over the canopy, (2) $\qquad$ causes reduced rainfall. A 2019 study published in the journa Ecohydrology showed that parts of the Amazon rainforest that (3) $\qquad$ converted to agricultural land (4) $\qquad$ higher soil and air temperatures, which could (5) $\qquad$ drought conditions.

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

Ans
X 1. purify
X 2. inflame
X 3. provoke

- 4. aggravate

Section: General Intelligence and Reasoning
Q. 1 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 $X$ are M.
II. All W are X.

Conclusions:
I. Some M are not W.
II. No W is M
III. Some M are not X.

Ans

1. None of the conclusions follow

X 2. Only conclusion III follows
X 3. Only conclusions II and III follow
X 4. All the conclusions follow
Q. 2 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 sweets are food.
All food are healthy.
Conclusions:
I) All sweets are healthy.
I)I Some healthy are sweets.

Ans

1. Both conclusions I and II follow
$X 2$. Only conclusion I follows
X 3. Neither conclusion I nor II follows
X 4. Only conclusion II follows
Q. 3 In a certain code language, 'RESTRICT' is written as 'CTRISTRE', 'STARTING' is written as 'NGTIARST' and 'MOUNTAIN' is written as 'INTAUNMO'. What is the code for the word 'ENVELOPE' in that code language?

Ans
X 1. ELOOEENP
2. PELOVEEN
3. PEELOVEN
4. EPOLEVNE
Q. 4 Select the figure from among the given options that can replace the question mark (?) in the following series.


Ans

$\times 4$.

Q. 5 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.

14D : G9F :: L16S : J25U :: W64R : ?
Ans $\times 1$. T81U
2. U81T

X 3. U49T
X4. S49T
Q. 6 Select the correct mirror image of the given figure when the mirror is placed at the right side.


Ans

$\times 2$


$\times 4$

Q. 7 Select the figure from among the given options that can replace the question mark (?) in the following series.


Ans

Q. 8 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 the third number is related to the fourth number.

144:225 :: 169 : 256 :: ? : 361
Ans
X1. 196
$\times 2.324$

- 3.256

X4. 144
Q. 9 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.

PG: VM :: AB : ?
Ans
X 1. FH
2. GH

X3. HI
X4.FG
Q. 10 In a certain code language, 'FAINT' is coded as '2014916', and 'GRME' is coded as '513187'. How will 'POIL' be coded in that language?
Ans
X 1.1295116
2. 1291516
$\times 3.1219516$
4. 1291561
Q. 11 By interchanging the given two numbers (not digits), which of the following equations will be correct?
44 and 19
I. $203+44-27 \times 19 \div 11=114$
II. $9 \times 572 \div 19-44+4=120$

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

X 4. Both I and II
Q. 12 Four males P1, P2, P3 and P4 are sitting in a row facing towards the North (not necessarily in the same order) and four females A1, A2, A3 and A4 are sitting in a row facing towards the face of these males (not necessarily in the same order). P1 and P4 sit at the ends. A3 and P2 are facing each other. A4 is second to the left of A3. P4 is facing A1. A1 and A4 are at the ends.
Which of the following statements is correct?
I. A4 is facing P1.
II. P4 is second to the left of that male who is facing A2.

Ans
X 1 . Only II
X 2. Neither I nor II
X 3. Only I
4. Both I and II
Q. 13 Select the option in which the given figure is embedded (rotation is NOT allowed).


Ans

Q. 14 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

GF, KI, OL, SO, ?
Ans
X 1. YS
2. WR

- 3.WS

4. XR
Q. 15 Five people, P, Q, R, S, and T, are sitting in a straight row, facing north. Q sits to the immediate left of S. Only three people sit between $R$ and $T$. $P$ sits to the immediate left of T. Who sits in the middle of the row?

Ans
X1.
X2. P
X 3. Q

- $4 . S$
Q. 16 Select the correct mirror image of the given combination when the mirror is placed at MN as shown below.


## T Y 6 L 452


Ans



Q. 17 Select the option in which the pair of letter-clusters share the same relationship as that shared by the given pair of letter-clusters.

TRACK : IAYPR :: ?
Ans
X 1. PROUD : NPMSB
2. STRAW : UYPRQ
< 3. POLDY: WBJQN
4. GAMES : UGOCE
Q. 18 Seven athletes A, B, C, D, E, F and G participate in a race. E is ahead of A but behind F. $D$ is ahead of only two athlete. $G$ is running last. $C$ is running behind only two athlete. $F$ is not the first.
Which athlete is running in the fourth position from behind?
Ans
X1.C
2.E
$\times 3$. A
×4.D
Q. 19 In a certain code language, 'ACD' is coded as '12', and 'BEA' is coded as '10'. How will 'ECG' be coded in that language?
Ans

- 1.105
$\times 2.85$
X 3.115
$\times 4.125$
Q. 20 In a certain code language, 'COBBLESTONES' is written as 'BBOCTSELSENO', and 'SATISFACTORY' is written as 'ITASCAFSYROT'. How will 'TACHYCARDIAS' be written in that code language?
Ans
X 1. HACTRACYSAID

2. HCATRACYSAID

X 3. HCATCARSAIDY
< 4. YHCATCARSAID
Q. 21 Select the correct mirror image of the given figure when the mirror is placed at the right side.


Ans

Q. 22 Select the numbers from among the given options that can replace the question marks (?) in the following series.
$8,9,5,16,27,25,32,81,125$, ?, 243, ?
Ans
X1.325,64
X 2.375,64
X 3.64, 375
4. 64,625
Q. 23 Select the option in which the numbers are related in the same way as are the numbers in the given 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)
$(12,8,16)$
$(22,10,144)$
Ans
X 1. $(28,20,36)$
X 2. $(16,10,24)$
X $3 .(24,12,121)$
4. $(18,8,100)$
Q. 24 Select the number from among the given options that can replace the question mark (?) in the following series.

17, 25, 34, 44, 55, ?
Ans
$\times 1.68$
จ 2.67
$\times 3.69$
$\times 4.66$
Q. 25 After interchanging the given two numbers, what will be the value of the given expression?

20 and 10
$10+30-5 \times 20 \div 2$
Ans
X 1.20
$\times 2.30$

- 3.25
$\times 4.35$


## Section : Numerical Aptitude

Q. 1 Arun bought an old computer and spent ₹ 110 on its repairs. He then sold it to Bhola at a profit of $20 \%$. Bhola sold it to Chandan at a loss of $10 \%$. Chandan finally sold it for ₹ 1,188 at a profit of $10 \%$. How much did Arun buy the compute for?
Ans
$X 1$. ₹ 640
X2. ₹ 1,050
3. ₹890
4. ₹750
Q. 2 Two successive discounts of $20 \%$ and $30 \%$ are given while selling an article. What is the ratio of the marked price of the article to its selling price?
Ans

1. $25: 14$
2. $21: 10$

X 3. $24: 13$
4. $27: 16$
Q. 3 The average of 21 consecutive natural numbers is 53 . What is the value of the smallest of these 21 numbers?

Ans
-1. 43
-2. 44
X. 41
4. 42
Q. 4 A boat takes 16 minutes and 24 minutes to cover a certain distance downstream and upstream, respectively. If the speed of the boat in still water is $15 \mathrm{~km} / \mathrm{h}$, find the speed of the stream

Ans
X $1.5 \mathrm{~km} / \mathrm{h}$
2. $2 \mathrm{~km} / \mathrm{h}$
3. $3 \mathrm{~km} / \mathrm{h}$
4. $2.5 \mathrm{~km} / \mathrm{h}$
Q. 5 The ratio of the number of hens to the number of goats on farm A is $5: 4$ and that on farm B is $5: 7$. What could be the ratio of the total number of hens to the total number of goats in farms $A$ and $B$ taken together?
Ans
X1. $3: 2$
$\times 2.1: 2$
3. $9: 11$
$\times 4.7: 11$
Q. 6 If $\mathrm{A}=1300$ and $\mathrm{B}=1450$, then B is approximately what percentage more than A ?

Ans
X 1. 7.41\%
X 2. 9.86\%
3. $11.54 \%$
4. 13.46\%
Q. 7 The following bar graph shows the number of students who like four different colours.


Find the difference between the number of students who like yellow and those who liked blue.

Ans

1. 100
$\times 2.125$
$\times 3.50$
$\times 4.60$
Q. 8 A goat is tied with a 10.5 m -long rope to one corner of a plot which is in the shape of an equilateral triangle each side of which is 16 m long. Find the area that the goat can graze on

Ans
$X^{1} .62 .25 \mathrm{~m}^{2}$
2. $53.5 \mathrm{~m}^{2}$
3. $57.75 \mathrm{~m}^{2}$
4. $51.75 \mathrm{~m}^{2}$
Q. 9 Simplify the following expression.
$25-(4 \div 2)+11.5+9.5$

Ans
$\times 1.46$
2. 44
×3. 45
4. 47
Q. 10 The population of a city in the year 2020 was $2,00,000$. The rate of growth of population is $8 \%$ per annum. Find the population of that city in the year 2022.

Ans

1. $2,33,280$
2. 2,29,484
3. 2,21,785
4. 2,12,890
Q. 11 A train running at the speed of $\frac{140}{9} \mathrm{~m} / \mathrm{sec}$, crosses a pole in 27 sec . Find the length of the train.

Ans
X 1.320 m
X2. 120 m
3. 420 m
4. 220 m
Q. 12 If the height and the radius of the base of a cone are both doubled, the volume of the cone becomes $\qquad$ of its previous volume.

Ans
X1. 4 times
2. 3 times

X 3. 6 times
4. 8 times
Q. 13 A man bought a chair for ₹ 580 . At what price should he sell the chair so as to gain $25 \%$ ?

Ans

1. ₹ 725
× 2. ₹ 1,080
X 3. ₹590
2. ₹ 820
Q. 14 Select the number that will come in place of the question mark (?) in the following mathematical statement.
$\frac{5}{9}$ of $\frac{11}{14}$ of $42 \%$ of $540=?^{2}-45$
Ans
$\times 1.17$
$\times 2.13$
$\times 3.9$

- 4.12
Q. 15 What is the compound interest on $₹ 24,000$ for 2 years at the rate of $10 \%$ per annum, if interest is compounded annually?

Ans
X1. ₹ 4,820
X2. ₹ 5,280
3. ₹ 5,040
$\times 4$. ₹ 6,080
Q. 16 A cube has sides that are 4 cm each, and the dimensions of a cuboid are $2 \mathrm{~cm} \times 3 \mathrm{~cm} \times 4 \mathrm{~cm}$. Find the positive difference between the volume of the cube and that of the cuboid.

Ans

1. $120 \mathrm{~cm}^{3}$
2. $40 \mathrm{~cm}^{3}$

X 3. $20 \mathrm{~cm}^{3}$
X $4.60 \mathrm{~cm}^{3}$
Q. 17 Find the LCM of the fractions $\frac{2}{5}, \frac{3}{7}$ and $\frac{4}{9}$.

Ans
$\times 1 \cdot \frac{2}{315}$
x2. $\frac{1}{315}$
$\times 3.24$
-4. 12
Q. 18 The average of 5 numbers, arranged in a row, is 309 . The average of the first two of these numbers is 431 and the average of the last two of these numbers is 231.5 . What is the value of the number at the center of the row?

Ans
$\times 1.52$
X2. 321
X 3. 108
4. 220
Q. 19 P can do $1 / 2$ of a work in 10 days and Q can do $1 / 5$ of the same work in 4 days. In how many days can both finish the work, working together?

Ans
$x 1.15$ days
$\times 2.14$ days
3. 10 days

X4. 5 days
Q. 20 If the cost of 10 books is ₹ 250 , then find the cost of 15 books.

Ans
X 1. ₹215
X 2. ₹115
3. ₹375
4. ₹ 125
Q. 21 Two pipes, D and E, can fill a cistern in 26 and 78 hours, respectively, while working alone. If the two pipes are opened together, the time taken to fill the cistern is:

Ans

1. $18 \frac{1}{4}$ hours
2. $19 \frac{1}{4}$ hours
3. $19 \frac{1}{2}$ hours
4. $18 \frac{1}{3}$ hours
Q. 22 The following table shows the number of laptops sold from five different stores in a city on five days of a given week.

| Stores | Sunday | Monday | Tuesday | Wednesday | Thursday |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{P}$ | 67 | 80 | 49 | 70 | 90 |
| Q | 80 | 56 | 55 | 85 | 54 |
| R | 56 | 48 | 50 | 80 | 40 |
| S | 68 | 74 | 78 | 70 | 95 |
| T | 100 | 52 | 90 | 86 | 84 |

What is the ratio of the total number of computers sold from store S on Tuesday, Monday and Sunday taken together to that sold from store P on Tuesday, Wednesday and Thursday taken together?

Ans

1. $20: 19$
2. $11: 19$
3. $11: 15$
4. $13: 11$
Q. 23 A shopkeeper buys three products a, b, c and sells them at $20 \%, 30 \%, 40 \%$ profit, respectively. What is ratio of the selling price of these products, if the ratio of their cost prices is $4: 3: 2$ ?

Ans
$\times 1.34: 54: 12$
2. $48: 39: 28$
3. $56: 26: 21$
4. $24: 39: 14$
Q. 24 The average of five terms is 40 . If the first four terms are given as $50,52,35$ and 46 , find the fifth term.

Ans
$\times 1.18$
2. 17

X 3. 16
4. 15
Q. 25 Study the given pie-chart and answer the question that follows.

The pie-chart shows the percentage distribution of the number of different types of chocolates distributed by Akanksha to the residents of a children's home, as percentages of all the chocolates taken together, that were distributed by her to these residents.


The average number of chocolates of Dairy Milk, 5-Star and Snickers taken together is equal to the number of chocolates distributed of which of the given types?
Ans

1. 5 -Star
2. Perk

X 3. Dairy Milk
4. Mars

Section: General Awareness
Q. 1 Which of the following states of India will host the 2023 Men's Hockey World Cup?

Ans $\times 1$. Maharashtra
2. Odisha
3. Karnataka
4. Uttar Pradesh
Q. 2 Who among the following personalities, known by the affectionate moniker 'Nightingale of India', passed away in February 2022?
Ans

1. Lata Mangeshkar
2. Saroj Khan
3. Abhilasha Patil
4. Tarla Joshi
Q. 3 Shiv Kumar Sharma is associated with which instrument?

Ans
X 1. Sitar
2. Santoor
3. Nadaswaram
4. Dholak
Q. 4 In which state of India is Konark dance festival celebrated?

Ans $\times 1$. Karnataka
2. Odisha
3. Jharkhand
4. Rajasthan
Q. 5 Which of the following states has two houses in its state legislature?

Ans $\quad$ 1. Gujarat
2. Maharashtra
3. Rajasthan
4. Jharkhand
Q. 6 Which of the following is the only large river in the Indian desert?

Ans
X 1. Kosi River
2. Betwa River
3. Luni River
4. Banas River
Q. 7 Which country won the 2018 FIH Men's Hockey World Cup?

Ans

1. Belgium
2. Australia
3. The Netherlands
4. Spain
Q. 8 Who is the author of the book 'Modi Government: New Surge of Communalism'?

Ans
X 1. Pranab Mukherjee
X 2. Jaswant Singh
3. Sitaram Yechury

X 4. M J Akbar
Q. 9 Aihole was the capital of the

Ans

- 1
. Chalukyas

2. Pallavas
3. Pandayas
4. Cholas
Q. 10 Who among the following devised the policy 'Doctrine of Lapse'?

Ans

1. Lord Dalhousie
2. Lord Mountbatten
3. Lord Cornwallis
4. Lord Canning
Q. 11 Tankeswar Hazarika Borbayan received the Sangeet Natak Akademi Award for the year 2018 for his contribution to which classical dance of India?
Ans
5. Kuchipudi
6. Bharatanatyam
7. Sattriya
8. Kathak
Q. 12 Which Department of the Government of India launched 'One Health' pilot project in April 2022?
Ans
X 1. Department of Consumer Affairs
9. Department of Animal Husbandry and Dairying

X 3. Department of Pharmaceuticals
X 4. Department of Commerce

## Q. 13 Which of the following is an example of artificial ecosystem?

Ans

1. Garden
2. Forest
$\times$ 3. Lake
3. Pond
Q. 14 Which of the following substances is insoluble in water?

Ans
X 1 . Salt
X 2. Sugar
3. Chalk powder

X 4. Milk
Q. 15 How many fundamental duties of Indian citizens are there in the Indian Constitution, as of March 2022?
Ans
$\times 1.5$
2. 11

X 3.9
<4.3
Q. 16 At which Buddhist site of India did Gautama Buddha first preach the Dharma?

Ans

1. Kushinagar

X 2. Barabar Caves
X 3. Bodh Gaya
4. Sarnath
Q. 17 The Treaty of Lahore was signed in 1846 between the British empire and $\qquad$ -
Ans $\times 1$. Maharaja Kharak Singh
X 2. Maharani Chand Kaur
3. Maharaja Ranjit Singh
4. Maharaja Duleep Singh
Q. 18 Antyodaya Anna Yozana (AAY) was launched by the government to fight $\qquad$ -.

Ans
X 1. unemployment
2. poverty
3. environmental degradation
4. population growth
Q. 19 What is the sex ratio (Approx) of India as per Census 2011?

Ans

1. 940 females per 1000 males
2. 740 females per 1000 males

X 3.640 females per 1000 males
4. 840 females per 1000 males
Q. 20 Sam talks about an example of an igneous rock. Which of the following can it be?

Ans
X 1. Sandstone
2. Basalt

X 3. Limestone
4. Marble
Q. 21 The financial year in the Indian economy runs from $\qquad$ .
Ans
X 1. 1 January to 31 May
X 2. 1 April to 30 June
X
3. 1 June to 31 March
4. 1 April to 31 March
Q. 22 Which of the following is the state of origin of the Odissi dance form?

Ans
X 1. Andhra Pradesh
2. Odisha
3. Tamil Nadu
4. Kerala
Q. 23 Which of the following trains of India is the fastest (as per trial runs), as of April 2022?

Ans

1. Vande Bharat Express (Train 18)
2. Maharashtra Sampark Kranti Express
3. Howrah Rajdhani Express
4. Howrah Ranchi Shatabdi Express
Q. 24 Ghiyasuddin Balban (1265-1286 AD), ruler of the Slave dynasty, took up the title of

Ans


Х 2. NurMahal (light of the palace)
3. Zil-i-llahi (shadow of God)

X 4. JahanPanah (protector of the world)
Q. 25 What is the chemical formula of baking soda?

Ans

1. $\mathrm{NaHCO}_{3}$
2. $\mathrm{NH}_{4} \mathrm{Cl}$
3. $\mathrm{Na}_{2} \mathrm{CO}_{3}$
4. $\mathrm{CaSO}_{4}$


SSC MTS Paper (Held On 5 July 2022 Shift 2)
Multi Tasking Non Technical Staff Havaldar CBIC and CBN Examination 2021

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name | iON Digital Zone iDZ 2 Sector 62 |
| Exam Date | 05/07/2022 |
| Exam Time | 1:00 PM - 2:30 PM |
| Subject | MTS Non technical and Havaldar Examination 2021 |

Section: General English
Q. 1 Select the most appropriate synonym of the given word.

Humble
Ans

1. Bold
< 2. Assertive
2. Modest
3. Inactive
Q. 2 Parts of the given 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.

Southern states has made an impressive comeback in the latest rankings.
Ans
X 1. No error
X 2. in the latest rankings
3. an impressive comeback
4. Southern states has made
Q. 3 Select the option that corrects the misspelt words in the given sentence.

Evryone was talking and laufhing during the trip.
Ans
X 1. Everyone was talking and lauhging during the trip.
2. Everyone was talking and laughing during the trip
< 3. Everyone was talking and laffing during the trip.
4. Evryone was talking and laughing during the trip.
Q. 4 Select the most appropriate meaning of the underlined idiom in the given sentence.

The eldest sister received the lion's share of her father's property.
Ans

1. the largest portion
2. the entire amount
3. the smallest part
4. no portion at all
Q. 5 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Marine vertebrates are / valuable for / many reasons.
Ans
$X 1$. valuable for
2. No error

X 3. many reasons
X 4. Marine vertebrates are
Q. 6 Select the most appropriate option to fill in the blank.

Thank you so $\qquad$ for helping me with this project.

Ans
X 1 . too
X 2. many
X 3.most
4. much
Q. 7 Select the most appropriate option to fill in the blank.

My niece is very kind and $\qquad$ to everyone in the family.
Ans
$X 1$. callous
$X$ 2. ruthless
3. generous

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

Hardly had I called him $\qquad$ my mother started screaming.
Ans

1. when
2. then
3. so
4. than
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'.

The eighteenth century saw the middle classes becoming most prosperous
Ans
$X 1$. been more than
X 2. No improvement required
3. become more
4. became most
Q. 10 Select the most appropriate synonym of the underlined word.

This medicine can make you feel lethargic and dizzy.
Ans

- 1. Inactive

X 2. Kinetic
X 3. Vivacious
4. Mysterious
Q. 11 Select the option that can be used as a one-word substitute for the given group of words.

The science or art of political government
Ans

1. Politics
2. Sociology
3. Economics
<4. Theology

## Q. 12 Select the correctly spelt word.

Ans
X 1. Promenant
2. Prominent
(3. Promneant
4. Prominant
Q. 13 Select the most appropriate meaning of the given idiom.

Through thick and thin
Ans

1. In good and bad times
2. With great pride
3. To work hard to the point of exhaustion
4. In every possible way
Q. 14 Select the most appropriate ANTONYM of the given word.

Salient
Ans
$\times 1$. Chief
X 2. Remarkable
3. Insignificant
4. Eminent
Q. 15 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

I don't know why he is such secretly.
Ans
X 1 . are so secretly
$\times 2$. No improvement required
3. is many secretive
4. is so secretive
Q. 16 Select the most appropriate option to fill in the blank.

The $\qquad$ of the knife in his hand made her sick.

Ans
$X 1$. site
2. sight

X 3. slight
$\times 4$. cite
Q. 17 Select the most appropriate option to fill in the blank.

The $\qquad$ needs of the inhabitants seem to be fruit, iced drinks, shiny boots and lottery tickets.

Ans
X 1. amiable
X 2. principle
3. invincible
4. principal
Q. 18 Select the most appropriate option to fill in the blank.

There are good points to each side and we need more $\qquad$ people that are willing to look at them from all angles.

Ans
X 1. ubiquitous
2. unbiased
3. undermined
4. unadorned
Q. 19 Select the most appropriate option to fill in the blank.

About three years ago, an old man, $\qquad$ name was Paul, used to live in this house.

Ans
X 1. whom
$\times 2$ who
X 3. which
4. whose
Q. 20 Parts of the given 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.

In many places, restoring mangrove forests can be an extreme effective strategy.
Ans

1. forests can be an
2. No error

X 3. In many places, restoring mangrove
4. extreme effective strategy

## 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.

Different foods in (1) $\qquad$ food group have different nutrients. Picking an assortment within every food group (2) $\qquad$ the week will help you get (3) $\qquad$ nutrients. For example,
choose seafood (4) $\qquad$ of meat twice a week. The variety of foods will make (5) $\qquad$
meals more interesting, too.
SubQuestion No : 21
Q. 21 Select the most appropriate option to fill in blank number 1.

Ans
X 1. various
X 2. everybody
3. each

X4. other

## 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.

Different foods in (1) $\qquad$ food group have different nutrients. Picking an assortment within every food group (2) $\qquad$ the week will help you get (3) $\qquad$ nutrients. For example, choose seafood (4) $\qquad$ of meat twice a week. The variety of foods will make (5) $\qquad$
meals more interesting, too.
SubQuestion No : 22
Q. 22 Select the most appropriate option to fill in blank number 2.

Ans
X 1. complete
2. between
3. throughout
4. every

## 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.

Different foods in (1) $\qquad$ food group have different nutrients. Picking an assortment within every food group (2) $\qquad$ the week will help you get (3) $\qquad$ nutrients. For example, choose seafood (4) $\qquad$ of meat twice a week. The variety of foods will make (5) $\qquad$ meals more interesting, too.

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

Ans
$\times 1$.too
2. almost
3. many
4. very

## 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.

Different foods in (1) $\qquad$ food group have different nutrients. Picking an assortment within every food group (2) $\qquad$ the week will help you get (3) $\qquad$ nutrients. For example, choose seafood (4) $\qquad$ of meat twice a week. The variety of foods will make (5) $\qquad$ meals more interesting, too.

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

Ans
$X$ 1. replace
2. instead

X 3. despite
4. away

## 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.

Different foods in (1) $\qquad$ food group have different nutrients. Picking an assortment within every food group (2) $\qquad$ the week will help you get (3) $\qquad$ nutrients. For example, choose seafood (4) $\qquad$ of meat twice a week. The variety of foods will make (5) $\qquad$
$\qquad$ meals more interesting, too.

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

Ans
$X 1$. your's
2. yours
3. you
4. your

Section : General Intelligence and Reasoning
Q. 1 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:

Only a few Bs are Qs.
Only a few Qs are Vs.

## Conclusions:

I. Some Bs are Vs.
II. All Qs can never be Vs.

Ans
X 1. Neither conclusion I nor II follow.
2. Only conclusion II follows.
3. Both conclusions I and II follow.
4. Only conclusion I follows.
Q. 2 Select the option 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)
$(4,16,64)$
(7, 49, 343)
Ans

1. $(9,81,729)$

X 2. $(11,121,1231)$
X $3 .(5,25,115)$
X 4. $(8,64,412)$
Q. 3 In a class, 5 girls are sitting in a straight row, facing the North. A sits to the immediate left of $C$ and to the immediate right of $D$. $E$ sits to the immediate right of $B$ but to the immediate left of $D$. Who is sitting in the middle position of the row?
Ans
X1.C
2. D

X3.E
$\times 4$. A
Q. 4 Select the option that can replace the question mark (?) in the following series.

QD, OB, MZ, KX, ?
Ans
X1.JV
X 2. IW
X 3.JW
4.IV
Q. 5 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.

BEWMTT : ACTION :: KWQMTX : JUNIOR :: QTRJNZ : ?
Ans
X 1. PROFTI
2. PROFIT

X 3. PROFIU
X 4. PROEIT
Q. 6 Select the option in which the given figure is embedded (rotation is NOT allowed).


Ans

Q. 7 Select the figure from among the given options that can replace the question mark (?) in the following series


Ans

$\checkmark 2$.

X 3.

$\times 4$.

Q. 8 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.

P 16 : R 18 :: I 9 : K 11 :: T 20 :?
Ans
1.V22

X2.A 1
X $3 . \cup 22$
X4.V21
Q. 9 In a certain code language, 'nu vu du' is written as 'water is life', 'hu du ru' is written as 'bring me water', and 'tu vu ru' is written as 'bring is well'. What is the code for the word 'well' in that language?
Ans
X1.ru
X2.vu

- 3. tu

X4.nu
Q. 10 Select the figure from among the given options that can replace the question mark (?) in the following series.


Ans

Q. 11 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. 12 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.

GRAM : EPYK :: HALT : ?
Ans
X 1. FYKR
X 2. FYJS
X 3.FXJR
4.FYJR
Q. 13 In a certain code language, 'HINDER' is written as 'ABGWXK', and 'GOLBMA' is written as 'ZHEUFT'. How will 'AJKSTU' be written in that code language?
Ans
X 1. TDCLNM
2. TCDLMN

X 3. TDCLMN
X 4. TCDLNM
Q. 14 Select the number from among the given options that can replace the question mark (?) in the following series.

72, 71, 75, 66, 82, 57,?
Ans
$\times 1.79$
$\times 2.91$

* 3.93
$\times 4.86$
Q. 15 Select the figure from the given options that can replace the question mark (?) and complete the pattern (rotation is not allowed).


Ans
$\times 1$

$\times 2$


- 3. 


Q. 16 Select the option that will replace the question mark (?) in the given series.
$68,79,88,95,100, ?$
Ans

1. 103

X2. 101
3. 105
<4. 107
Q. 17 What will come in the place of '?' in the following equation, if ' + ' and ' - ' are interchanged and also ' $x$ ' and ' $\div$ ' are interchanged?
$4 \div 6-9+48 \times 8=?$
Ans
$\times 1.38$

- 2.27
$\times 3.42$
$\times 4.24$
Q. 18 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.

7 : 345 :: 5 : 127 :: 6 : ?
Ans
X 1.228
$\times 2.208$
X 3.238
4. 218
Q. 19 The age of five sisters Sita, Gita, Babita, Lalita and Anita are compared. Gita is elder than Babita but younger than Sita. Lalita is the eldest. Babita is not the youngest. Who is the second eldest sister?
Ans
X 1. Babita
2. Anita
3. Sita
4. Geeta
Q. 20 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 cars are trucks.
Some bikes are cars.
Conclusions:
I. All bikes are trucks.
II. Some trucks are bikes.

Ans

1. Neither conclusion I nor II follows
2. Only conclusion II follows
3. Both conclusions I and II follow
4. Only conclusion I follows
Q. 21 In a certain code language, 'POND' is coded as '48', and 'HELO' is coded as '39'. How will 'PINK' be coded in that language?
Ans
X 1.48
$\times 2.52$

- 3.49
$\times 4.51$
Q. 22 Select the figure from the options that can replace the question mark (?) and complete the pattern.


Ans
X 1

$\times 2$.

$\times 3$


- 4

Q. 23 Five students I, J, K, L and M are sitting on a bench in a straight row, facing North. M and $J$ are immediate neighbours. $M$ and $K$ are also immediate neighbours, $I$ is on the extreme left of the bench. $J$ is sitting second from the extreme right. Who is sitting between $I$ and $J$ ?
Ans
X 1. L
X 2. K and L
X 3. L and M

4. K and M
Q. 24 In a certain code language, '476' is written as 'wrong and sharp', '428' is written as 'knife is sharp', and '859' is written as 'right is good'. What is the code for the word 'knife' in that language?
Ans
X 1.4

- 2.2
$\times 3.5$
$\times 4.8$
Q. 25 Which of the mathematical signs should be interchanged in the given equation to make it mathematically correct?
$102-17+12 \times 4 \div 27+5=32$
Ans

1.     - and $\div$

X 2. - and $\times$
X $3 . \times$ and $\div$
X4. - and +

## Section : Numerical Aptitude

Q. 1 Rahul bought 120 tables for $₹ 56,500$. If the average price of 70 of those tables is $₹ 450$, then what is the average price of the remaining 50 tables?

Ans

1. ₹500
$\times 2$ ₹ $₹ 460$
X 3 . ₹ 550
X4.₹480
Q. 2 Param can do a piece of work alone in 24 hours, and Charan can do the same work alone in 30 hours. If they work
together, what fraction of the work can they complete in 1 day?
Ans
x. $\frac{3}{10}$
2. $\frac{3}{8}$
3. $\frac{3}{40}$
4. $\frac{3}{55}$
Q. 3 The area of the base of a closed cylinder is $1386 \mathrm{~cm}^{2}$. If the height of the cylinder is 20 cm , then what is the total surface area of the cylinder? [Use $\pi=\frac{22}{7}$ ]
Ans
$\times 1.7032 \mathrm{~cm}^{2}$
5. $5412 \mathrm{~cm}^{2}$

X $3.6112 \mathrm{~cm}^{2}$
X4. $8132 \mathrm{~cm}^{2}$
Q. 4 In how much time can a person cover a distance of 300 metres at a speed of $27 \mathrm{~km} / \mathrm{h}$ ?

Ans
$X 1.30$ seconds
X 2. 25 seconds
$\times 3.35$ seconds
4. 40 seconds
Q. 5 A sofa costs ₹ 24,000 before tax. What is the percentage of sales tax charged, if the sales tax on it is ₹ 1,200 ?

Ans

1. $5 \%$
2. $4 \%$
× 3. $6 \%$
3. 8\%
Q. 6 The following bar chart shows the marks obtained (out of 100 ) by a student in 7 different subjects in an examination.


The total marks obtained by the student in S1 and S6 taken together is approximately what percentage of the marks obtained by the student in S4?

Ans
X 1. $225.11 \%$
X2. $236.32 \%$
3. $218.31 \%$

X4. $206.11 \%$
Q. 7 The cost price of a table to Ravi, was ₹ 1,600 . Ravi sold this table at a loss of $10 \%$. What was the price at which Ravi sold the table?
Ans
X 1. ₹ 1,380
X2. ₹ 1,520
X3. ₹ 1,510
4. ₹ 1,440
Q. 8 If the three sides of a triangle are $21 \mathrm{~cm}, 20 \mathrm{~cm}$ and 29 cm long, what is the area of the triangle?

Ans
X 1. $290 \mathrm{~cm}^{2}$
X2. $200 \mathrm{~cm}^{2}$
X 3. $190 \mathrm{~cm}^{2}$

- 4. $210 \mathrm{~cm}^{2}$
Q. 9 If $\frac{P}{3}=\frac{Q}{5}=\frac{R}{2}$, then what is the value of $(P+2 Q+3 R):(P+Q+R)$ ?

Ans

1. $19: 10$

X2. $6: 5$
X 3. 11:13
X4. $10: 9$
Q. 10 If, on a certain sum, the simple interest for 2 years is $₹ 1,200$, then what is the simple interest on the same sum for 5 years, if the rate of interest remains unchanged?

Ans

- 1. ₹ 3,000
$\times 2$. ₹ 2,800
X 3. ₹ 3,500
X4. ₹2,500
Q. 11 The following table shows the number of students from different schools, choosing their favourite game.

| GAME | AMERICAN <br> FOOTBALL | SOCCER | TENNIS | CRICKET |
| :---: | :---: | :---: | :---: | :---: |
| SCHOOL |  |  |  |  |

Which school has the maximum number of students choosing American Football as their favourite game?
Ans
$\times 1$. C
2. A

- 3. B

4. D
Q. 12 Tap A can fill an empty tank alone in 6 hours. Tap B alone can empty the same tank, when filled, in 8 hours. If they are opened in alternate hours starting with A , then in how much time will the tank be full for the first time?

Ans
$\times 1.44$ hours
2. 47 hours
3. 48 hours
4. 41 hours
Q. 13 The salaries of two friends are in the ratio of $3: 4$. If the difference in their salaries is $₹ 3,000$, then find the sum of their salaries.
Ans
X 1. ₹ 19,000
$\times 2$ ₹ 18,000
3. ₹ 21,000
4. ₹ 24,000
Q. 14 The length of a rectangle is 5 times of its breadth. If the breadth is 10 cm , then what is the area of this rectangle?

Ans
X $1.600 \mathrm{~cm}^{2}$
2. $250 \mathrm{~cm}^{2}$
3. $500 \mathrm{~cm}^{2}$
4. $1000 \mathrm{~cm}^{2}$
Q. 15 If $P=\frac{6 \times 4 \div 2}{8 \times 3 \div 6}$ and $Q=\frac{12 \div 4-2}{4 \div 3 \times 12}$, then what is the value of $\left(\frac{P}{Q}\right)^{2}$ ?

Ans
X 1. 4064
2. 2304

X 3. 1024
4. 4096
Q. 16 Two trains are moving towards each other at the speeds of $70 \mathrm{~km} / \mathrm{h}$ and $85 \mathrm{~km} / \mathrm{h}$. Their lengths are 210 m and 255 m , respectively. How much time will they take to cross each other completely?
Ans

1. 10.8 seconds
2. 18.2 seconds
3. 14.0 seconds
4. 18.0 seconds
Q. 17 What is the value of $\frac{3}{7}$ of $\frac{5}{11}+\frac{8}{7} \div \frac{24}{21}-\frac{11}{56} \times \frac{18}{33}$ ?

Ans

1. $\frac{335}{308}$
×2. $\frac{308}{325}$
2. $\frac{175}{316}$
×4. $\frac{118}{311}$
Q. 18 A bag is sold at a discount of $12.5 \%$. The marked price of the bag is $₹ 6,400$ and the profit earned is $25 \%$. What is the cost price of the bag?

Ans

1. ₹ 4,260
2. ₹ 4,480
3. ₹ 4,640
4. ₹ 4,120
Q. 19 For a sum of ₹ 5,000 , what is the difference between the compound interest and simple interest for 2 years if the rate of interest is $5 \%$ per annum, and in the case of compound interest, the interest is compounded annually?

Ans
X 1. ₹ 7.5

- 2. ₹ 10.5

X 3. ₹ 25
4. ₹ 12.5
Q. 20 How many numbers are there between 200 and 400 that are divisible by both 6 and 5 ?

Ans

1. 9
$\times 2.6$
2. 7

X4. 8
Q. 21 The selling price of an article is three times of the loss incurred on selling this article. What is the loss percentage?

Ans

1. $50 \%$
2. $33.33 \%$
3. $40 \%$
4. $25 \%$
Q. 22 What is the average of $512,620,428$, and 580 ?

Ans

1. 560
2. 480
3. 495
4. 535
Q. 23 If $35 \%$ of $x=42.5 \%$ of 700 , then what is the value of $x$ ?

Ans
$\times 1.950$
$\times 2.800$

- 3. 850

X4. 900
Q. 24 The average of X and Y is 10 X . What is the value of Y ?

Ans
$\times 1.16 \mathrm{X}$
$\times$ 2. 9 X
$\times 3.18 \mathrm{X}$

- 4. 19X
Q. 25 The following pie chart shows percentage figures of the number of cars sold of 8 different brands in a particular year.


If the total number of cars sold of these 8 brands taken together during the given year is 2800 , then what is the difference between the numbers of cars sold of B2 and of B6?
Ans

1. 196
$\times 2.140$
$\times 3.252$
X4. 224
Q. 1 Which of the following is the standard means by which elections are conducted in India?
Ans
X 1. Blockchain
X 2. Email
X 3. Ballot paper
2. Electronic Voting Machine
Q. 2 As per Census 2011, which of the following is India's most populated metropolitan city?
Ans
X 1. Kolkata
3. Mumbai

人 3. Delhi
4. Chennai
Q. 3 Which of the following festivals is associated with Rajasthan?

Ans
X 1. Gudi Padwa
2. Bundi Utsav
$X$ 3. Bonalu
X 4. Matho Narang
Q. 4 Who among the following Indian musicians received the 'Best Original Song' award for his composition in 'Slumdog Millionaire', at Oscars 2009?
Ans 1. AR Rahman
2. Asha Bhosle

X 3. Lata Mangeshkar
4. Gulzar
Q. $5 \ldots$ is the international air carrier of India and handles foreign traffic, which includes both cargo and passenger services.
Ans

1. Air India

X 2. Pawan Hans
X 3 Dove Airlines
X 4. Taj Air
Q. 6 As per the new tax regime of India, what is the exemption limit of income tax for financial year 2022-23?
Ans
X 1 . Up to ₹5,00,000
X 2. Up to ₹ $1,00,000$
X 3. Up to ₹ $7,50,000$
4. Up to ₹ $2,50,000$
Q. 7 Who among the following became the first woman Vice Chancellor of Jawaharlal Nehru University (JNU), India in February 2022?
Ans
X 1. Madhuri Dixit
$\chi$ 2. Supriya Sule
3. Smriti Irani
4. Santishree Dhulipudi Pandit
Q. 8 Namita talks about an example of metamorphic rock. Which of the following can it be?

Ans
X 1. Halite
2. Marble
3. Limestone
4. Shale
Q. 9 Who among the following was NOT a ruler of the Tughlaq dynasty?

Ans
X 1. Muhammad-Bin-Tughlaq
2. Rukunuddin Tughlaq
3. Ghiyasuddin Tughlaq
4. Firuz Shah Tughlaq
Q. 10 What is the chemical name of the ionic compound NaCl ?

Ans
X 1. Lithium chloride
$X$ 2. Cesium fluoride
X 3. Calcium iodide
4. Sodium chloride
Q. 11 $\qquad$ indicates the realm of living organisms and their interactions with the environment.

Ans
X 1. Atmosphere
2. Biosphere
3. Hydrosphere
4. Lithosphere
Q. 12 What was the pedestrian path for devotees to wave in homage to Stupa called in Buddhist architecture?
Ans

1. Medhi
2. Torana
3. Anda
4. Chattra
Q. 13 Which of the following Acts of 1947 regulates the Indian labour law with regard to trade unions as well as individual workmen?
Ans
X 1. Indian Councils Act
X 2. Charter Act
X 3. Rowlatt Act
5. Industrial Disputes Act
Q. 14 Which team won the UEFA European Football Championship 2020?

Ans
X 1. England
X 2. Spain
X 3. Germany
4. Italy
Q. 15 Savi is suffering from Kwashiorkor. Which of the following deficiencies causes it?

Ans
X 1. Deficiency of iron
2. Deficiency of protein
3. Deficiency of calcium

X 4. Deficiency of vitamin A
Q. 16 Who among the following Mauryan rulers fought the Kalinga War in 261 BC?

Ans

1. Ashoka
< 2. Bindusara
2. Brihadratha
3. Chandragupta Maurya

## Q. 17 The Ministry of Labour \& Employment launched <br> $\qquad$

 Mantri Shram Yogi Maan-Dhan (PM-SYM) scheme in March 2022.Ans
X 1. Stand-Up India scheme
2. Donate-a-Pension initiaive

X 3. Atal Pension Yojana
X 4. India Water Pitch-Pilot-Scale Start-up Challenge
Q. 18 Who among the following was awarded the Padma Shri in 2021 for keeping the adivasi dance form 'Gussadi' alive?

Ans
X 1. Ramsahay Pandey
2. Pandit Birju Maharaj
3. Kanaka Raju
4. Srimanta Sankardev
Q. 19 India is bordered by Myanmar in the $\qquad$ .
Ans

1. east

X 2. north
$X 3$. south
4. west
Q. 20 The FIDE 44th Chess Olympiad 2022 will be held in $\qquad$ , India, during the summer of 2022

Ans

1. Chennai
2. Mumbai
3. Kolkata
4. Gurgaon
Q. 21 Who among the following Indian authors wrote the famous novel 'Gora' during the Nationalist Movement of India?
Ans
X 1. Jawaharlal Nehru
5. Rabindranath Tagore

X 3. Bhagat Singh
X 4. Mahatma Gandhi
Q. 22 In a drama, Naresh spoke, "Swaraj is my birth right and I shall have it." Who among the following Indian freedom fighters said this slogan?

Ans
X 1. Ambika Charan Majumdar
2. Lokmanya Bal Gangadhar Tilak

X 3. Mahatma Gandhi
4. Bhagat Singh
Q. 23 Which Article of the Constitution of India provides equal protection of the laws and equality before the law?

Ans
X 1. Article 30
(2. Article 42
(3. Article 60
4. Article 14
Q. 24 Which of the following is NOT a regional name for the full or part of the East Coast of India?

Ans
X 1. Coromandel coast
X 2. Tamil Nadu coast
3. Malabar coast

X 4. Utkal coast
Q. 25 Rita performs 'Giddha' dance form. Which state does this dance form belong to?

Ans

1. Punjab

X 2. Rajasthan
X 3. Haryana
X 4. Uttarakhand

Multi Tasking Non Technical Staff Havaldar CBIC and CBN Examination 2021

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name | iON Digital Zone iDZ 2 Sector 62 |
| Exam Date | 05/07/2022 |
| 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 substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

Gel ingredients work well on waved, curled, relax and texture hair in the long run.
Ans

1. relaxed and textured
2. No substitution required
3. relaxed and texturing
4. relaxing and textured
Q. 2 Select the most appropriate option to fill in the blank.

Tickets for the event are available $\qquad$ the door; there is no advance booking.

Ans
2. in
<3. of
4. to
Q. 3 Select the most appropriate ANTONYM of the underlined word in the given sentence.

The kids have been pestering me to buy them new toys.
Ans

1. pacifying
2. perturbing
3. bugging
4. tormenting
Q. 4 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

I knew very little Spanish when I came here, but I have been learning and can now make myself understood.

Ans
X 1. when I come here, however
2. upon arriving here, since
3. No improvement required
$\times 4$
4. as soon as I came here, but
Q. 5 Select the option that can be used as a one-word substitute for the given group of words.

A book or paper written by hand
Ans
X 1. Edition
X 2. Periodical
3. Manuscript

X4. Paperback
Q. 6 Select the option that can be used as a one-word substitute for the given group of words.

One who dies for a noble cause
Ans

1. Martyr

X 2 . Heretic
X 3. Butcher
4. Narcissist
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'.

I am trying to finding an investor from abroad.
Ans
$\times 1$. trying too find
2. trying to find

Х 3. No improvement required
$\times 4$. try to find
Q. 8 Parts of the following sentence have been given as options. One of them contains an error. Select the part that contains the error from the given options.

Seeds of mustard plants give us oil, and the leave are used as a vegetable.
Ans
$\chi 1$. Seeds of
X 2. as a vegetable
3. leave are used
4. give us oil
Q. 9 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.

Aid workers have delivered vast quantities of food on the refugee camps.
Ans
X 1. No error
X 2. vast quantities of food
3. on the refugee camps

X 4. Aid workers have delivered
Q. 10 Select the most appropriate ANTONYM of the given word.

Flabby
Ans
X 1. Long
Х 2. Plump
3. Firm

Х 4. Stretched
Q. 11 Select the most appropriate meaning of the given idiom.

Tricks of the trade
Ans
X 1. A particular profession
X 2. A trick to deceive
3. Special skills or knowledge

X4. An easy task
Q. 12 Select the most appropriate synonym of the given word.

Occlude
Ans
$X$ 1. facilitate
X 2. promote
X 3. Abstain
4. Obstruct
Q. 13 Select the correctly spelt word.

Ans
X 1. Imigrant
2. Chauvinist

X 3. Contemperary
X 4. Cosmopoliton
Q. 14 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.

Sometimes I act / like a fool, and she has / to step into save me.
Ans
X 1. Sometimes I act
$\times$ 2. like a fool and she has
3. No error
4. to step into save me
Q. 15 Select the most appropriate synonym of the given word.

Malign
Ans
X1. Approve
X 2. Benefit
3. Besmirch
4. Commend

## Q. 16 Select the most appropriate option to fill in the blank.

One of the children stood at the door to $\qquad$ if he saw the apparitor coming, who was an officer of the spiritual court.
Ans

1. give notice

X 2. give advice
$\times$ 3. give thought
$X 4$. give a hand
Q. 17 Select the most appropriate meaning of the given idiom.

In a nutshell
Ans
X 1. Extremely pale
2. Very briefly
3. Under protection
4. Without delay
Q. 18 Select the option that can be used as a one-word substitute for the given group of words.

A place where government records are kept
Ans
X 1 . Cloakroom
2. Cache
3. Hangar
4. Archive
Q. 19 Select the most appropriate ANTONYM of the given word.

Upgrade
Ans
X 1. Advance
X 2. Lean
3. Demote

X 4. Elevate

## Q. 20 Select the correctly spelt word.

X 1. Bezarre
X 2. Infatuaition
X 3. Fortiunate
4. Perfection

## 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.

A group of researchers has (1) $\qquad$ that pleasure and positive states of mind are better for our health. This new intellectual approach to health is not only more powerful, but also has no side effects. Central to this claim are recent findings that even getting an education may add as much as 10 years to your (2) $\qquad$ That is why National Geographic featured John de Rosen in its book The Incredible Machine, which discussed old age. De Rosen, an artist, continued to paint until the week he died at age 91. The book notes: "Some scientists believe that retirement to a (3) $\qquad$ lifestyle initiates or aggravates medical problems, thus
shortening life. According to a study of retired people, adults over 65 can learn a (4) skill, like oil painting, as readily as younger students." So retiring from a job in a sense means retiring from life unless (5) $\qquad$ by some other, preferably new activity.

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

Ans
X 1. administrated
X 2. orchestrated
X 3. defenestrated

- 4. demonstrated


## 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.

A group of researchers has (1) $\qquad$ that pleasure and positive states of mind are better for our health. This new intellectual approach to health is not only more powerful, but also has no side effects. Central to this claim are recent findings that even getting an education may add as much as 10 years to your (2) $\qquad$ . That is why National Geographic featured John de Rosen in its book The Incredible Machine, which discussed old age. De Rosen, an artist, continued to paint until the week he died at age 91 . The book notes: "Some scientists believe that retirement to a (3) $\qquad$ lifestyle initiates or aggravates medical problems, thus shortening life. According to a study of retired people, adults over 65 can learn a (4) skill, like oil painting, as readily as younger students." So retiring from a job in a sense means retiring from life unless (5) $\qquad$ by some other, preferably new activity.

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

Ans
X 1.insurance
X 2. charisma
X 3. planet
4. Life

## 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.

A group of researchers has (1) $\qquad$ that pleasure and positive states of mind are better for our health. This new intellectual approach to health is not only more powerful, but also has no side effects. Central to this claim are recent findings that even getting an education may add as much as 10 years to your (2) $\qquad$ That is why Nation Rosen in its book The Incredible Machine, which discussed old age. De Rosen, an artist, continued to paint until the week he died at age 91. The book notes: "Some scientists believe that retirement to a (3) $\qquad$ lifestyle initiates or aggravates medical problems, thus
shortening life. According to a study of retired people, adults over 65 can learn a (4) skill, like oil painting, as readily as younger students." So retiring from a job in a sense means retiring from life unless (5) $\qquad$ by some other, preferably new activity.

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

Ans
X 1. complimentary
X 2. sanitary

- 3. sedentary

X 4. segmentary

## 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.

A group of researchers has (1) $\qquad$ that pleasure and positive states of mind are better for our health. This new intellectual approach to health is not only more powerful, but also has no side effects. Central to this claim are recent findings that even getting an education may add as much as 10 years to your (2) $\qquad$ . That is why National Geographic featured John de Rosen in its book The Incredible Machine, which discussed old age. De Rosen, an artist, continued to paint until the week he died at age 91 . The book notes: "Some scientists believe that retirement to a (3) $\qquad$ lifestyle initiates or aggravates medical problems, thus shortening life. According to a study of retired people, adults over 65 can learn a (4) skill, like oil painting, as readily as younger students." So retiring from a job in a sense means retiring from life unless (5) $\qquad$ by some other, preferably new activity.

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

Ans
X 1. native
2. creative

X 3. discriminative
4 4. exaggerative

## 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.

A group of researchers has (1) $\qquad$ that pleasure and positive states of mind are better for our health. This new intellectual approach to health is not only more powerful, but also has no side effects. Central to this claim are recent findings that even getting an education may add as much as 10 years to your (2) $\qquad$ That is why Nation Rosen in its book The Incredible Machine, which discussed old age. De Rosen, an artist, continued to paint until the week he died at age 91. The book notes: "Some scientists believe that retirement to a (3) $\qquad$ lifestyle initiates or aggravates medical problems, thus shortening life. According to a study of retired people, adults over 65 can learn a (4) skill, like oil painting, as readily as younger students." So retiring from a job in a sense means retiring from life unless (5) $\qquad$ by some other, preferably new activity.

SubQuestion No : 25

## Q. 25 Select the most appropriate option to fill in blank number 5

Ans
$\times 1$. ornamented
Х 2. pigmented
2. supplemented

X4. experimented
Q. 1 After interchanging which two numbers (not digits) will the value of the given expression be ' 81 '?
$798+27-719 \div 6 \times 5$
Ans
$\times 1.5$ and 27
$\times 2.27$ and 6
3. 798 and 719
4. 6 and 5
Q. 2 Select the figure from the given options that can replace the question mark (?) and complete the pattern.


Ans

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:

I. No blue is white.
II. No black is blue.

Conclusions:
I. All whites are blacks.
II. No blue is black.
III. Some whites are not blues.

Ans

1. All the conclusions follow

X 2. Only conclusions I and II follow
3. Only conclusions II and III follow

X4. None of the conclusions follow
Q. 4 Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

97: 2 :: 63 : ? :: 74 : 3
Ans
$\times 1.9$
$\times 2.7$

- 3.3
$\times 4.5$
Q. 5 In a certain code language, '471' means 'Hair is White', '726' means 'White Her Cow', and '639' means 'Cow gives Milk'. What is the code for 'Her' in that language?
Ans
$\times 1.7$
$\times 2.1$
$\times 3.4$
- 4.2
Q. 6 Select the figure from among the given options that can replace the question mark (?) in the following series


Ans

$\times 2$

$\times 3$

$\times 4$

Q. 7 Seven boys A, B, C, D, E, F and G are sitting in a row, facing towards the north (not necessarily in the same order). $E$ is at one of the ends. $A$ is fifth to the left of $E$. $B$ is not the immediate neighbour of $A$ or $E$. C is third to the left of $B$. Only $D$ is sitting between $A$ and $B$. Only two boys are sitting between D and F.
Which of the following statements is/are correct?
$I$. $G$ is to the immediate left of $D$.
II. $A$ and $B$ are the neighbours of $D$.

Ans

1. Only II

X 2. Only I
3. Both I and II
4. Neither I nor II
Q. 8 In a certain code language, 'ROBST' is written as 'QPYLO' and 'POLAR' is written as 'OXILM'. How will 'GUJRT' be written in that code language?
Ans
X 1. QOGDR
2. QOGRD
3. QOHRD
4. QOHGD
Q. 9 What will be the value of the given expression if ' $A$ ' means ' + ', ' $B$ ' means ' - ', ' $C$ ' means ' $x$ ', and ' $D$ ' means ' $\div$ '?

35 A 25 B 12 C 25 D 5
Ans
$\times 1.5$
2. 0

X 3.10
$\times 4.2$
Q. 10 In a certain code language, if YELLOW is written as BLUE, BLUE is written as RED, RED is written as GREEN, GREEN is written as WHITE and WHITE is written as ORANGE, then in the same code language, what is the colour of human blood?
Ans
X 1. ORANGE

- 2. WHITE

3. RED
4. GREEN
Q. 11 Identify the number that does NOT belong to the following series.

47, 51, 57, 65, 69, 76, 83
Ans
$\times 1.57$

- 2.51
$\times 3.83$

4. 76
Q. 12 In a certain code language, 'GAMBLE' is coded as '864321', and 'PLAY' is coded as ' 7265 '. How will 'LAMB' be coded in that language?
Ans
$\times 1.6234$
5. 6243
(3. 2634
6. 2643
Q. 13 Six girls G1, G2, G3, G4, G5 and G6 are sitting in a row, facing towards the east (but not necessarily in the same order). Two girls are sitting between G6 and G4. G6 is sitting at one of the ends. $\mathbf{G} 1$ is second to the right of $\mathbf{G 6}$. $\mathbf{G} 2$ is third to the left of G3. How many girls are sitting between G3 and G2?
Ans
X 1 . Three
X 2 . Four
7. Two
8. One
Q. 14 The sequence of folding a piece of paper and the manner in which the folded paper is cut is shown in the following figures. How would this paper look when unfolded?


Ans

$\times 2$.

$\times 3$


- 4

Q. 15 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

RIN, TFR, VCV, ?, ZWD
Ans
< 1. ZZZ
2. YZA
3. YZZ
4. XZZ
Q. 16 Select the option in which the two numbers are related in the same way as are the numbers in the given number-pair.

382:283::?
Ans
$\times 1.784: 847$
2. $564: 465$
3. $962: 629$
-4.384:843
Q. 17 The percentage of marks obtained by seven girls G1, G2, G3, G4, G5, G6 and G7 in a class are compared. All the girls have obtained different percentages of marks. $G 4$ has the lowest percentage. G3 has a higher percentage than G5, but less than G1. The percentage of $\mathbf{G 6}$ is less than $\mathbf{G 2}$. $\mathbf{G 7}$ has the highest percentage. $\mathbf{G 1}$ has a percentage greater than only three girls.
Who has the third lowest percentage?
Ans
X 1. G1
X 2. G4
3. G3
4. G7
Q. 18 Select the option that is related to the fifth alphanumeric-cluster in the same way as the second alphanumeric-cluster is related to the first alphanumeric-cluster and the fourth alphanumeric-cluster is related to the third alphanumeric-cluster.

WXY72 : ZAB29 :: CDE12 : FGH21 :: IJK30 : ?
Ans
X 1. MNO39
X 2. MNO40
< 3. LMN29
4. LMN39
Q. 19 Select the correct mirror image of the given figure when the mirror is placed at $A B$ as shown.


Ans

Q. 20 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.

PIG : MNZ :: ROL : ?
Ans
$\times 1$. OSF
$\times 2$. OSE
$\times$ 3. OTF
4. OTE
Q. 21 Select the figure from among the given options that can replace the question mark (?) in the following series.


Ans

1. $\begin{array}{lll}\uparrow & \rightarrow & \rightarrow \\ \uparrow & \\ & \\ \end{array}$
$\times 2 . \begin{aligned} & \uparrow \rightarrow \rightarrow \\ & \uparrow \\ & \downarrow\end{aligned}$
X3. $\begin{array}{lll}\uparrow & \rightarrow & \rightarrow \\ \uparrow & & \\ & \leftarrow & \leftarrow\end{array}$
$\times 4$.
$\uparrow \rightarrow \leftarrow$
$\uparrow$
$\uparrow$
Q. 22 Select the option in which the pair of letter-clusters share the same relationship as that shared by the given pair of letter-clusters.

CRO : FUR :: ?
Ans
X 1. MIP : PLT
X 2. FMG: HPJ
X 3. LAP: ODT
4. TCS : WFV
Q. 23 Identify the number that does NOT belong to the following series

147, 293, 587, 1173, 2346, 4693
Ans
X 1.293
$\times 2.1173$
3. 2346
$\times 4.4693$
Q. 24 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 T are Q.
II. No M is T .

Conclusions:
I. No $T$ is $M$.
II. Some $Q$ are not $M$.

Ans
X 1. Only conclusion I follows
X 2. Neither conclusion I nor II follows
X 3. Only conclusion II follows
4. Both conclusions I and II follow
Q. 25 Select the option in which the given figure is embedded. (Rotation is not allowed)


Ans


[^0]Q. 1 The length and the breadth of a rectangle are 12 cm and 6 cm , respectively. What is the area of the rectangle?

Ans
X $1.144 \mathrm{~cm}^{2}$
2. $72 \mathrm{~cm}^{2}$
X. $56 \mathrm{~cm}^{2}$
X. $96 \mathrm{~cm}^{2}$
Q. 2 If $\mathrm{P}: \mathrm{Q}=4: 5$ and $\mathrm{P}: \mathrm{R}=2: 3$, then what is $3 \mathrm{P}: 4 \mathrm{Q}: 5 \mathrm{R}$ ?

Ans

1. $6: 10: 15$
2. $4: 9: 11$
3. $8: 12: 17$
4. $3: 5: 7$
Q. 3 The following pie chart gives the measures of the central angles of the sectors that reflect the number of beds in each of 7 different hospitals with respect to the total number of beds in these 7 hospitals taken together.


If the number of beds in H 7 are 39 , then what is the total number of beds in all the 7 hospitals taken together?
Ans
$\times 1.720$
2. 540
$\times 3.450$
X4. 630
Q. 4 What is the value of $\frac{0.6 \div 0.6 \times 0.6+0.5 \times 0.5 \div 0.5}{0.6 \times 0.5+0.3}$ ?

Ans

1. $\frac{10}{7}$
2. $\frac{11}{6}$
×. $\frac{7}{3}$
$\times 4 . \frac{13}{6}$
Q. 5 The following bar chart shows the exports (in ₹'0000) of an item from a country for 5 consecutive years.


What is the average value of the export of that item from the given country per year?
Ans
X 1. ₹5,96,000
2. ₹ $6,32,000$
× 3. ₹ $6,24,000$
X 4. ₹ $6,48,000$
Q. $6 \mathrm{~S}_{1}$ can do a piece of work alone in 9 days, $\mathrm{S}_{2}$ can do the same work alone in 18 days, while $\mathrm{S}_{3}$ can do it alone in 27
days. They work together and complete the work, and receive a total of ₹ 726 as payment for doing the work. What is the combined share of $S_{2}$ and $S_{3}$, taken together from the above amount?
Ans

1. ₹ 270

X2. ₹ 300
3. ₹ 330

X4. ₹ 360
Q. 7 An article is sold at a loss of $40 \%$. The nominal amount of loss is approximately what percentage of the selling price of the article?
Ans

1. $66.67 \%$
×2. $38.33 \%$
X 3. $41.33 \%$
+4. 51.33\%
Q. 8 A person spends $40 \%$ of his monthly income. The monthly income of the person is increased by $15 \%$ and his expenditure is decreased by $22 \%$. What is the approximate percentage increase in his savings?

Ans

1. $40 \%$
2. $44 \%$
× 3. $32 \%$
3. $36 \%$
Q. 9 A container contains a mixture of two liquids, $A$ and $B$, in the proportion $7: 5$. If 9 liters of the mixture is replaced by 9 liters of liquid B , then the ratio of the two liquids becomes $7: 9$. How much of liquid A was there in the container initially?

Ans

1. 21 liters
$\times 2.35$ liters
X 3. 40 liters
X 4. 19 liters
Q. 10 Kirti invested a sum of money at a certain rate of simple interest per annum for 3 years in "Bachat scheme". Had she invested the same sum in "Shiksha scheme" for 3 years which has a $2 \%$ higher simple interest rate per annum, the investment would have fetched ₹ 540 more. How much did Kirti invest?
Ans
2. ₹9,500
3. ₹9,000

X 3. ₹ 7,000
X4.₹ 8,000
Q. 11 A sum of money becomes two times of itself in 8 years at simple interest, and it becomes four times of itself in 2 years at compound interest, when interest is compounded annually. Find the ratio of the rate of simple interest to the rate of compound interest offered per year.
Ans
X1. 2:3
X2. $3: 5$
X 3. $5: 3$

- $4.1: 8$
Q. 12 A smaller circle touches a bigger circle internally and also passes through the center ' $O$ ' of the bigger circle. If the area of the smaller circle is $192 \mathrm{~cm}^{2}$, the area of the bigger circle (in $\mathrm{cm}^{2}$ ) is:
Ans

1. 768

X2. 384
X 3. 1024
$\times 4.720$
Q. 13 The HCF and the LCM of two numbers are 5 and 120 , respectively. If the sum of the two numbers is 55 , then the sum of the reciprocals of these two numbers is equal to:
Ans

1. $\frac{55}{601}$
2. $\frac{11}{120}$
3. $\frac{120}{11}$
4. $\frac{601}{55}$
Q. 14 Ranveer bought a computer paying $25 \%$ less than the list price and sold it to his neighbour at a $40 \%$ profit on his purchase cost. The profit percentage earned by Ranveer on the list price of the computer is:

Ans
$\times 1.10 \%$
2. $7.5 \%$
3. $6.67 \%$
4. $5 \%$
Q. 15 A thief escapes from a police station at $8: 00 \mathrm{a} . \mathrm{m}$. on a cycle at a speed of $50 \mathrm{~km} / \mathrm{h}$. A policeman starts chasing the thief on a motorbike at 9:30 a.m. at the speed of $65 \mathrm{~km} / \mathrm{h}$. At what distance from the police station will the policeman catch up with the thief?
Ans
$\times 1.335 \mathrm{~km}$
X2. 310 km
3. 325 km
4. 300 km
Q. $16 A$ and $B$ leave from point $M$ at the same time towards point $N$. $B$ reaches $N$ and starts towards $M$ instantly. He meets $A$ at point $O$ (between $M$ and $N$ ). The distance between $M$ and $N$ is 245 km . If the speeds of $A$ and $B$ are $26 \mathrm{~km} / \mathrm{h}$ and 65 $\mathrm{km} / \mathrm{h}$, respectively, then what is the distance between O and N ?

Ans
X1. 115 km
2. 105 km

X 3.95 km
4. 140 km
Q. 17 What is the value of $\left[\left\{\left(\frac{3}{7}\right.\right.\right.$ of $\left.\left.\left.\frac{5}{12}-\frac{1}{2}\right)+\frac{11}{12}-\frac{1}{2} \times \frac{4}{5}\right\}+\frac{6}{5} \times \frac{25}{18}\right]$ ?

Ans

1. $\frac{156}{257}$
2. $\frac{391}{210}$
$\times$ 3. $\frac{395}{282}$
$\times 4 . \frac{392}{515}$
Q. 18 Ranbir bought a car at a $50 \%$ discount on the cost price of the car. Had he got a $60 \%$ discount, he would have spent $₹ 1,00,000$ less. Calculate the cost price of the car?

Ans
$X$ 1. ₹ 15 lakhs
X 2. ₹20 lakhs
X 3. ₹ 18 lakhs
4. ₹10 lakhs
Q. 19 B is $10 \%$ more than A. C is $20 \%$ less than A. B is what percentage more than C?

Ans
X 1. $45 \%$
$\times 2.27 .5 \%$
3. $37.5 \%$
4. $25 \%$
Q. 20 The average of six consecutive odd numbers is 26 . Find the difference between the largest and the smallest of these numbers.
Ans
$\times 1.8$
$\times 2.16$
3. 10
$\times 4.12$
Q. 21 The following table shows the number of pens and the number of erasers of 6 different colours that were sold from a stationery store during a given week.

| Colours | Pens | Erasers |
| :---: | :---: | :---: |
| C1 | 20 | 15 |
| C2 | 24 | 21 |
| C3 | 40 | 12 |
| C4 | 22 | 18 |
| C5 | 26 | 27 |
| C6 | 36 | 33 |

The total number of erasers having colours C 3 or C 4 is approximately what percentage of the average number of pens of each colour?

Ans
X1. 119.16\%
2. $107.14 \%$

X 3. $115.22 \%$
× 4. $101.24 \%$
Q. 22 A and B can together complete a piece of work in 18 days, $B$ and $C$ can together complete the same work in 24 days and A and C can together complete it in 36 days. In how many days can $\mathrm{A}, \mathrm{B}$ and C , working together, complete this piece of work?

Ans

1. 19
2. 16
$\times 3.20$
X4. 14
Q. 23 Rohit purchased 12 kg of oranges for a total price of $₹ 480$ and 18 kg of guavas at ₹ 30 per kg . What is the per kg average cost of the fruits purchased by Rohit ?

Ans
X 1. ₹36.00
2. ₹34.00

X 3. ₹37.20
X4. ₹38.20
Q. 24 Find the curved surface area of a solid cylinder whose radius of base is 14 cm and volume is $7392 \mathrm{~cm}^{3}$. [Use $\pi=\frac{22}{7}$ ]

Ans
X 1. $1840 \mathrm{~cm}^{2}$
2. $1056 \mathrm{~cm}^{2}$
$\times$ 3. $1081 \mathrm{~cm}^{2}$
$\times 4.996 \mathrm{~cm}^{2}$
Q. 25 If $\mathrm{K}^{2}: \mathrm{M}:: \mathrm{M}: 16$, then what is the value of $\left(\mathrm{K}^{2}+2 \mathrm{M}^{2}\right):\left(\mathrm{K}^{2}+\mathrm{M}^{2}\right)$ ?

Ans
X1.1:1
2. $33: 17$
$\times 3.17: 16$
X4. $32: 17$

## Section : General Awareness

## Q. 1 Debashish Panda was recently appointed as the chief of:

Ans
X1. SEBI
X 2. IL\&FS
3. IRDAI
< 4. ICAR
Q. 2 Which of the following is an autobiography of Barack Obama?

Ans $\times 1$. Chronicles
2. Dreams from my Father: A Story of Race and Inheritance
3. Matters of Discretion
4. The Test of my life
Q. 3 The climatic conditions of thorn forests and scrubs are the most ideal for which of the following plant species?
Ans
X 1. Rosewood
X 2. Teak
$X$ 3. Juniper
4. Euphorbia
Q. 4 Which of the following teams scored the highest runs in an innings in IPL till 2021?

Ans
$X$ 1. Chennai Super Kings
X 2. Mumbai Indians
X 3. Kolkata Knight Riders
4. Royal Challengers Bangalore
Q. 5 Which Indian boxer won a bronze medal in the middleweight division in boxing at the 2008 Beijing Olympics?
Ans

1. Vijender Singh
2. Mary Kom
3. Akhil Kumar
4. Jitender Kumar
Q. 6 What is the approximate amount to be mobilised for the National Highways Network expansion as per the Union Budget 2022-23?
Ans
X 1. ₹15,000 crore
X 2. ₹10,000 crore
X 3. ₹ 25,000 crore
5. ₹20,000 crore
Q. 7 Rural Employment Generation Programme (REGP) was launched in $\qquad$ -
Ans
6. 1995
7. 1990
8. 1999
9. 1992
Q. 8 Yamini Krishnamurthy is known for which classical dance form?

Ans

1. Bharatanatyam and Kuchipudi
2. Manipuri and Odissi
3. Mohiniyattam and Manipuri
4. Kuchipudi and Mohiniyattam
Q. 9 चोलों के शासनकाल में, किसी विद्यालय के रखरखाव के लिए दी गई भूमि को $\qquad$ के रूप में जाना जाता था।
Ans
$\times 1$. ब्राह्मदेय
5. शालाभोग
6. वेल्लनवगाई
7. देवदान
Q. 10 Who among the following is/was NOT a tabla player?

Ans
X 1. Kishan Maharaj
X 2. Zakir Hussain
X 3. Allah Rakha
4. Sheikh Chinna Moula
Q. 11 Consider the following statements about a fort: 1. It was originally known as Mankal. 2.

It was built on a hilltop in the year 1143. In above mentioned sentences, forts is being talked about?

Ans
$X$ 1. Chitradurg Fort
X 2. Daulatabad Fort
3. Fort Aguada
4. Golconda Fort
Q. 12 Who among the following persuaded Mahatma Gandhi to allow women to join the Salt Satyagraha movement?
Ans

1. Kamaladevi Chattopadhyay

X 2. Annie Besant
3. Ashalata Sen

X 4. Ambabai
Q. 13 Rulers of Mahajanapadas in ancient India collected taxes on crops at the rate of $\qquad$ of what was produced.
Ans

1. 1/3rd
2. $1 / 5$ th
3. $1 / 6$ th
4. 1/4th
Q. 14 Bharatanatyam is a classical dance form of which Indian state?

Ans

1. Kerala
2. Tamil Nadu
3. Assam
4. Manipur
Q. 15 Which of the following does NOT belong to Arthropoda group of animal kingdom?

Ans
X 1. Butterfly
X 2. Cockroach
3. Octopus
4. Spider
Q. 16 Which of the following statements about Veda Samaj is correct?
I. It was established in Madras in 1864.
II. It worked to abolish caste distinctions and promote widow remarriage and women's education.

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

- 3. Both I and II

X 4 . Only 1
Q. 17 The amount of work done in moving a charge of 4C across two points having a potential difference of 6 V is $\qquad$ —.
Ans
X1.48 J
$\times 2.12 \mathrm{~J}$
X 3.36 J
4.24 J
Q. 18 Which of the following enzymes is found in saliva of human body which breaks down starch into simple sugar?
Ans

1. Amylase
2. Trypsin

X 3. Pepsin
4. Renin
Q. 19 X , aged 10, is employed at a factory. Which of the following rights of $X$ is being violated?

Ans
X 1. Right to Freedom of Religion
2. Right against Exploitation

X 3. Right to Equality
X 4. Right to Freedom
Q. 20 Which of the following is considered to be the purest form of natural water (distilled water) free from impurities?
Ans
X 1. Well water
2. Spring water

X 3. River water
4. Rain water
Q. 21 According to the Indian Constitution, the Prime Minister shall be appointed by the

Ans
 -

1. Speaker of the House of the people
2. President of India

X 3. Council of Ministers
4. Chief Justice of India
Q. 22 In which state of India is Saga Dawa or the Triple Blessed Festival celebrated?

Ans
X 1. Karnataka
X 2. Andhra Pradesh
X 3. Uttar Pradesh
4. Sikkim
Q. 23 As per the Census 2011, what was the literacy rate of Kerala? (Provide an approximate range.)
Ans

1. $91-95 \%$

X 2. 80-85\%
× 3.96-100\%
X4.86-90\%
Q. 24 As notified in March 2022, the Government of India has revised wage rates under the Mahatma Gandhi National Rural Employment Guarantee Scheme in most states including $\qquad$ —.
Ans

1. Assam

X 2. Mizoram
X 3. Manipur
X 4. Tripura
Q. 25 In which of the following countries is Jhumming known as 'Conuco'?

Ans
X 1. Vietnam
$X$ 2. The US
3. Venezuela
4. Madagascar


[^0]:    Section : Numerical Aptitude

