| Multi Tasking Non Technical Staff Examination 2020 |  |
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| Participant ID |  |
| Participant Name |  |
| Test Center Name | TCS Gito Bitan |
| Test Date | $11 / 10 / 2021$ |
| Test Time : | $9: 00$ AM - 10:30 AM |
| Subject | MTS Non Technical 2020 |

## Section : General English

Q. 1 Select the most appropriate option to substitute the underlined segment. If no substitution is required, select 'No substitution required'.

You will never become a good reader until reading are done with a purpose.
Ans
$X 1$. No substitution required
$X 2$. when reading has
$X$ 3. until reading will be
4. unless reading is
Q. 2 Select the most appropriate meaning of the given idiom.

Fly the nest
Ans
X 1. Children returning home after studying abroad
$X 2$. To run at a very fast pace to reach home
X 3. To lose direction and not reach one's destination
4. Children leaving their parents' home to live on their own

Question ID : 65497816529
Chosen Option : 2
Q. 3 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.'

Many industrialists are coming onward to help migrant workers find employment in their villages and cities.
Ans
$X 1$. No substitution required
X 2. towards
3. forward

X 4. backward
Q. 4 Select the most appropriate one-word substitution for the given group of words.

A gentle song sung to put a child to sleep
Ans 1. Lullaby
$\times 2$. Chorus
$X$ 3. Prayer
X4. Hymn
Q. 5 Select the most appropriate option to substitute the underlined segment in the given sentence.

When have you been waiting for me here?
Ans

1. How long
$X$ 2. How far
X 3. What time
$\times 4$. How late
Q. 6 Select the most appropriate ANTONYM of the given word.

SUBTLE
Ans
X 1. crafty
2. harsh
$X$ 3. faint
X 4. slight
Q. 7 Select the INCORRECTLY spelt word.

Ans
X 1. Manual
2. Grajual

X 3. Mutual
X 4. Usual
Q. 8 Fill in the blank with the most appropriate word.

These discount coupons are $\qquad$ for only six months from the date of issue.
Ans
X 1. attested
X 2. tested
3. valid

X 4. solid
Q. 9 Select the most appropriate synonym of the given word.

STERN
Ans

- 1. strict

X 2. mild
X 3. lenient
<4. gentle
Q. 10 Identify the segment in the sentence which contains a grammatical error.

Why did you spent so much money on old and useless furniture?
Ans
X 1. and useless furniture
X 2. so much money
3. Why did you spent
$\times 4$. on old
Q. 11 Select the most appropriate synonym of the given word.

PROVOKE
Ans

1. enrage

X 2. gratify
X 3. placate
X 4. hinder
Q. 12 Identify the segment in the sentence which contains a grammatical error.

They went on talking while the teacher were teaching an important lesson.
Ans
$X 1$. while the
2. teacher were teaching
$X$ 3. an important lesson
$\chi 4$. They went on talking
Q. 13 Select the most appropriate one-word substitution for the given group of words.

Undue favour shown to one's relatives
Ans

1. Nepotism
$X$ 2. Nationalism
$X$ 3. Despotism
X 4. Narcissism
Q. 14 Fill in the blank with the most appropriate word.

My employers $\qquad$ my salary last year.
Ans
$X$ 1. rise
$X 2$. rose
$X$ 3. raise
4. raised
Q. 15 Fill in the blank with the most appropriate word.

I am tired $\qquad$ reminding you to clean your room.
Ans
$X 1$. at
X 2. by
3. of
$\times 4$. to
Q. 16 Fill in the blank with the most appropriate word.

Swami Dayanand $\qquad$ the Arya Samaj.

Ans $\times 1$. invented
X 2. developed

- 3. founded

X 4. discovered
Q. 17 Select the most appropriate ANTONYM of the given word.

CEASE
Ans
X 1. stop
X 2. catch
X 3. halt

- 4. start
Q. 18 Identify the segment in the sentence which contains a grammatical error.

The elegance furnished drawing room indicated that the owner had good taste.
Ans
X 1. drawing room indicated
X 2. that the owner
X 3. had good taste
4. The elegance furnished
Q. 19 Select the INCORRECTLY spelt word.

Ans $\times 1$. Mediocre
$\times 2$ 2. Legible
X 3. Opaque
4. Sugestion
Q. 20 Select the most appropriate meaning of the given idiom.

Your guess is as good as mine
Ans $\quad \times 1$. To have the same idea as another
2. To have no idea of the answer
$X$ 3. To play a guessing game
$X 4$. To have a better idea than others

## Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.
Albert soon got to learn the language of (1) $\qquad$ native people. Now, he could talk to
(2) $\qquad$ about their problems. They too began to (3) $\qquad$ him for advice. Some people,
(4) $\qquad$ , were too shy to share their concerns. Albert eventually (5) $\qquad$ them that he was there to assist them in all matters.

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

Ans $\times 1$.a
$\times 2$. an
3. the
$\times 4$. one

## Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.
Albert soon got to learn the language of (1) $\qquad$ native people. Now, he could talk to
(2) $\qquad$ about their problems. They too began to (3) $\qquad$ him for advice. Some people,
(4) $\qquad$ , were too shy to share their concerns. Albert eventually (5) $\qquad$ them that he was there to assist them in all matters.

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

Ans

1. them
$X 2$. you
$X$ 3. himself
$\times 4$. us

## Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.
Albert soon got to learn the language of (1) $\qquad$ native people. Now, he could talk to
(2) $\qquad$ about their problems. They too began to (3) $\qquad$ him for advice. Some people, (4) , were too shy to share their concerns. Albert eventually (5) $\qquad$ them that he
was there to assist them in all matters.
SubQuestion No: 23
Q. 23 Select the most appropriate option to fill in the blank number 3.

Ans
×1. appear
2. approach

X 3. advance
X4. arrange

## Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.
Albert soon got to learn the language of (1) $\qquad$ native people. Now, he could talk to
(2) $\qquad$ about their problems. They too began to (3) $\qquad$ him for advice. Some people,
(4) $\qquad$ , were too shy to share their concerns. Albert eventually (5) $\qquad$ them that he was there to assist them in all matters.

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

Ans
X 1. furthermore
2. however
$X$ 3. therefore
X 4. moreover

## Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.
Albert soon got to learn the language of (1) $\qquad$ native people. Now, he could talk to
(2) $\qquad$ about their problems. They too began to (3) $\qquad$ him for advice. Some people,
(4) $\qquad$ , were too shy to share their concerns. Albert eventually (5) $\qquad$ them that he was there to assist them in all matters.

SubQuestion No: $\mathbf{2 5}$
Q. 25 Select the most appropriate option to fill in the blank number 5.

Ans

- 1. assured
$X 2$. settled
X 3. decided
X 4. confirmed


## Section : General Intelligence and Reasoning

Q. 1 Among six objects F, G, H, J, K and L:
i. $H$ is twice as heavy as $K$, and $J$ is one and half times as heavy as $F$.
ii. G is half as heavy as J .
iii. $F$ and $J$ together are less heavy than $H$.
iv. $J$ and $L$ together are twice as heavy as $F$.

If the objects are arranged in descending order of their weight, which object will be second from the bottom?

Ans
X1.K
<2. L
X3.F

- 4. G
Q. 2 Select the option that is related to the third number in the same way as the second number is related to the first number.

7:294: : 9 :?
Ans

- 1.648
$\times 2.576$
$\times 3.881$
$\times 4.452$
Q. 3 Which option figure would come next in the following figure series?


Ans
$\checkmark 1$.

$\times 2$.

$\times 3$.

$\times 4$.

Q. 4 Choose the set of numbers that is similar to the following set.
$\{21,29,20\}$
Ans

1. $\{8,17,15\}$
$\times 2 .\{19,28,17\}$
X 3. $\{33,35,12\}$
X $4 .\{7,26,24\}$
Q. 5 If WIDOWER is coded as VKAOXCU, then how would FORTIFY be coded?

Ans 1.EQOTJDB
X 2. GMUSHDV
X 3.EOQSJCD
X 4. EPPTHDC
Q. 6 Select the option in which the given figure is embedded (rotation is NOT allowed).


Ans

$\times 2$.

Q. 7 If POUNDAGE is coded as NOPUEGAD, then how would STAMPING be coded?

Ans 1.AMSTGNIP
X 2. TSMGNPIA
X 3. TAMSGINP
X 4. AMTSGNIP
Q. 8 Select the mirror image of the figure marked ' X ', when the mirror is placed on the right side of the figure.


Ans

X 3.

$\times 4$.

Q. 9 If 'FESTIVE' is coded as ' 16113215011 ' and 'HUNGER' is coded as ' 1427815114 ', then how will 'GRUDGE' be coded?

Ans
X 1. 12457111851
X 2. 14527811151
X 3. 15241718511

- 4.15427181511
Q. 10 Two statements are followed by two conclusions numbered I and II. Assuming the statements to be true even if they do not conform to real-world knowledge, decide which of the conclusions logically follows/follow from the statements.

Statements:

1. Some streams are rivers.
2. No river is a lake.

Conclusions:
I. No stream is a lake.
li. Some rivers are streams.

Ans
X 1. Only conclusion I follows
2. Only conclusion II follows

X 3. Neither conclusion I nor conclusion II follows
X 4. Both conclusions I and II follow
Q. 11 Six boys A, B, C, D, E and F are standing in a queue.
i. There are two boys between $B$ and $D$, and $D$ is just in front of $E$.
ii. A and $C$ are adjacent to $B$.
iii. $A$ is just behind $E$, and $C$ is just in front of $F$.

Which two boys are exactly in the middle positions?
Ans
$X 1$. B and C
$X$ 2. C and D
X 3. A and E
4. $A$ and $B$
Q. 12 If the signs + and $\times$ are interchanged, then which of the following equations would be correct?
Ans
X $1.9 \times 3-7+9=19$
X2. $10 \times 5 \div 10+10=10$
X $3.4 \div 8+6 \times 3=8$

- $4.18 \times 3 \div 12+8=20$
Q. 13 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.

LOTTERY : WQMTBTF : : SECULAR : ?
Ans
X 1. BDRTQZK
X 2. GTFUCUM
3. FGTUUCM

X 4. DFTUSBM
Q. 14 Eight friends $P, Q, R, S, T, U, V$ and $W$ are sitting in a row facing North.
i. $Q$ sits to the immediate right of $P$, who is at one of the extreme ends of the line.
ii. Q sits third to the left of T.
iii. There are two persons between W and T .
iv. $U$ is not an immediate neighbour of $S$ and sits to the immediate left of $V$.
$v$. There are three persons between V and R .
Who are sitting between $Q$ and $T$ ?
Ans

1. $R$ and $S$

X 2. $U$ and $V$
$X$ 3. R and $U$
$X 4 . V$ and $S$
Q. 15 'Literature' is related to 'Poetry' in the same way as 'Painting' is related to ' $\qquad$ ,

Ans $\times 1$. Colour
2. Portrait

X 3. Expression
X 4. Frame
Q. 16 Which two signs should be interchanged to make the given equation correct?
$10 \div 5-4 \times 3+6=13$
Ans

- 1.         + and $\div$

X 2. - and $\times$
X $3 . \div$ and $\times$
X4. + and -
Q. 17 Select the option figure, which when placed in the blank space of the figure marked ' X ' would complete the pattern.


Ans

$\checkmark 3$.

$\times 4$.

Q. 18 If CROWN is coded as 68 and DEPEND is coded as 42 , then how would IMAGERY be coded?

Ans
X 1.68
$\times 2.67$

- 3.71
$\times 4.73$
Q. 19 Which number will replace the question mark (?) in the following number series?

7, 9, 13, 16, 25, 29, ?, 50
Ans
$\times 1.47$
$\times 2.38$
X 3.41
-4.45
Q. 20 'Play' is related to 'Actor' in the same way as 'Concert' is related to ' $\qquad$ '.

Ans $\times 1$. Symphony
$\times 2$ 2. Piano
3. Musician

X 4. Director
Q. 21 Select the Venn diagram that best illustrates the relationship among the following classes.

Women, Employed, Mothers
Ans
$\times 1$

$\times 2$.

$\checkmark 3$.

$\times 4$.

Q. 22 Three statements are followed by three conclusions numbered I, II and III. Assuming the statements to be true even if they do not conform to real-world knowledge, decide which of the conclusions logically follows/follow from the statements.

## Statements:

1. All towns are cities.
2. No city is a village.
3. Some cities are corporations.

Conclusions:
I. Some corporations are villages.
II. Some towns are corporations.
III. No corporation is a village.

Ans
X 1. Only conclusion I follows
X 2. Only conclusions I and II follow
2. Either conclusion I or conclusion III follows

X 4. Only conclusion II follows
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 figures below. How would the paper look when unfolded?


Ans
$\times 1$.

$\checkmark 2$.

$\times 3$.

$\times 4$.

Q. 24 Which letter-cluster will replace the question mark (?) in the following series?

PMOR, RNNP, TOMN, VPLL, ?
Ans
X 1. XRJK
2. XQKJ

X 3. VQJJ
X 4. YQKJ
Q. 25 Which number will replace the question mark (?) in the following number series?
$91,100,94,97,101,90,112$, ?
Ans
$\times 1.83$
$\times 2.123$
X 3.87

- 4.79
Q. 1 What will be the compound interest on a sum of ₹ 22,500 at the rate of $16 \%$ per annum for 1 year, when interest is compounded half yearly?

Ans

1. ₹ 3,744

X2. ₹ 3,700
X 3. ₹ 3,600
X4. ₹ 36,244
Q. 212 men can complete a painting work in 8 days. However, 16 women can complete the same painting work in 12 days. 8 men started painting the house. After 6 days of painting, 2 men were replaced by 4 women. Now how many days will they take to complete the remaining painting?
Ans
$\times 1.4$
-2. 6
$\times 3.8$
$\times 4.5$
Q. 3 An almirah was sold at a profit of $15 \%$. If its cost had been $5 \%$ less and it had been sold for $₹ 1,470$ less, then the profit would have been $10 \%$. What is the cost price of the almirah?
Ans 1. ₹ 14,000
$\times 2$. $₹ 29,400$
X 3. ₹ 16,100
X4. ₹ $2,94,000$
Q. 4 The year-wise student enrollment of two schools over a period of 5 years has been presented in the following bar graph.


In which year is the difference of enrollment in the two schools, the least?
Ans
-1. 2015
$\times 2.2016$
$\times 3.2018$
$\times 4.2017$
Q. 5 The simplified value of $\frac{119-[48 \div 6-7\{5 \times 12 \div 3-(15-\overline{3-8})\}]}{24 \div 3-9 \text { of } 3+(52-\overline{8-4}) \div 6}$ is:

Ans
(1. $-\frac{111}{11}$

X2. $-\frac{127}{27}$
$\times 3 . \frac{127}{43}$
$\times 4 . \frac{111}{11}$
Q. 6 A wire is in the form of a square of side 33 cm . If the wire is molded to form a circle, then what is the radius of the circle?
(Use $\pi=\frac{22}{7}$ )
Ans $\quad 1.21 \mathrm{~cm}$
$\times 2.33 \mathrm{~cm}$
$X 3.16 .5 \mathrm{~cm}$
$\times 4.42 \mathrm{~cm}$
Q. 7 From a wooden cubical block of side 10 cm , a sphere of radius 4.2 cm is carved out. How much wood is wasted in the process? (Use $\pi=\frac{22}{7}$ )
Ans
$X 1.476 .2 \mathrm{~cm}^{3}$
, 2. $689.536 \mathrm{~cm}^{3}$
$\times 3.310 .464 \mathrm{~cm}^{3}$
$\times 4.523 .8 \mathrm{~cm}^{3}$
Q. 8 The product of two positive numbers is 1344 and their ratio is $7: 12$. The smaller of these numbers is:

Ans $\times 1.16$
2. 28
$\times 3.112$
$\times 4.48$
Q. 9 Two dealers offer an item at the same marked price $₹ 3,000$. The first dealer allows successive discounts of $10 \%$ and $15 \%$. The other dealer allows successive discounts of $20 \%$ and $5 \%$. Find the difference in the selling price of the item under the two offers.
Ans

1. ₹ 15
$\times 2$. $₹ 20$
X 3. ₹ 10
X4. ₹ 25
Q. 10 A bus moves from station A towards station $B$, which is at a distance of 189 km . An hour later, a car, the ratio of whose speed with the bus is $3: 2$, starts from station A and moves towards station B. Find the speed of the bus (in $\mathrm{km} / \mathrm{h}$ ), if the car arrives at station $B$ half an hour earlier than the bus.
Ans
$\times 1.41$
$\times 2.37 .8$

- 3. 42
$\times 4.63$
Q. 11 Kavita purchased fabric worth $₹ 800$ for a dress, and spent $₹ 350$ on embroidery and stitching. If she sold the dress at a profit of $20 \%$, then the selling price is:

Ans
X 1. ₹ 1,220
2. ₹ 1,380

X 3. ₹ 1,500
X4. ₹ 1,310
Q. 12 In a joint family of 16 persons, the eldest and the youngest members have an age difference of 82 years. If these two are left out of the counting, then the average age of the remaining 14 persons is 28 . The average age of the entire family being 30 , what is the age of the eldest person?
Ans $\quad 1.85$ years
$\times 2.88$ years
$\times$ 3. 76 years
$\times 4.60$ years
Q. 13 If the mode of the following data is 11 , then find the value of $k$.
$11,8,9,(2 k-1), 11,12,12,18,14,16$
Ans
$\times 1.5$
-2. 6
$\times 3.7$
$\times 4.4$
Q. 14 The average of 9 numbers is 19 . If the average of the first four numbers is 14 , then the average of the last 5 numbers is:

Ans
$\times 1.20$
$\times 2.10$
X 3. 25.25
-4. 23
Q. 15 Two numbers differ by 10 . If their LCM is 120 and HCF is 10 , then the sum of the numbers is:

Ans
$\times 1.130$
$\times 2.120$

- 3. 70
$\times 4.50$
Q. 16 The value of $\left(16 \frac{2}{3} \div 10\right)-\left[\left(\frac{8}{3} \times \frac{5}{4}\right)\right.$ of $\left.\frac{2}{5}+\frac{16}{3} \times \frac{11}{8}-\left(\frac{1}{4} \div \frac{1}{28}\right)\right]$ is:

Ans
$\times 1.1$
$\times 2.5$
-3. 0
$\times 4.10$
Q. 17 The following graph shows the production of cotton cloth (in lakh metres) by three companies A, B and C over the years.


In which year the production of company C is $81.94 \%$ (correct to 2 decimal places) of the combined production of company A and company B?

Ans
X 1. 1996
2. 1998
$\times 3.2000$
X4. 1999
Q. 18 A large container has a 50 litre mixture of juice and water in the ratio $3: 2$. To this, a 60 litre juice and water mixture is added, that has a juice to water ratio of $2: 1$. After this, 11 litres of the solution is replaced with pure juice. What is the ratio of water to juice in the final mixture?

Ans
X1. $37: 18$
X2. $29: 81$
$\times 3.4: 7$

- $4.18: 37$
Q. 19 The cost of leveling a square field at the rate of $₹ 52 / \mathrm{m}^{2}$ is $₹ 1,30,000$. What will be the cost of fencing its boundary at the rate of $₹ 35 / \mathrm{m}$ ?
Ans
X 1. ₹ 2,500

2. ₹ 7,000
$\times$ 3. $₹ 87,500$
X4. ₹ 3,500
Q. 20 Seats in a college for a B. Sc. course for Physics, Chemistry and Biology, are in the proportion $7: 5: 8$. There is a proposal to increase these seats by $50 \%, 40 \%$ and $25 \%$, respectively. What will be the proportion of increased seats?

Ans
$\times 1.12: 9: 33$
2. 21:14:20
$\times$ 3. $57: 45: 33$
X4. $7: 4: 4$
Q. 21 A survey was conducted on 80 families to know about their most favourite place to visit out of 6 particular locations.

The same has been shown in the following pie chart.


What is the central angle for the families who showed interest for visiting Jaipur?
Ans
$\times 1.15^{\circ}$
X2. $25^{\circ}$

- 3. $54^{\circ}$
$\times 4.60^{\circ}$
Q. 22 Ankit invests some money at $9 \%$ simple interest for 2 years, and the same sum for 4 years at $10 \%$ per annum. He earns
$₹ 1,740$ in all. The sum invested in each case is:
Ans
X 1. ₹ 4,350

2. ₹ 3,000

X 3. ₹ 6,000
X4. ₹ 4,500
Q. 23 A is $30 \%$ more efficient than B. If B finishes a work in 13 days, then in how many days will A finish the same work?

Ans $\times 1.11$
$\times 2.9$

- 3. 10

X4. 12
Q. 24 A typist uses a paper of size $32 \mathrm{~cm} \times 20 \mathrm{~cm}$. He leaves a margin of 2 cm each on all the sides. If he leaves a margin of 1 cm only on all the sides, then what is the percentage of the increase in the area available for typing (correct to 2 decimal places)?
Ans

1. $20.54 \%$
$\times 2.82 .96 \%$
$\times 3.17 .04 \%$
$\times 4.79 .46 \%$
Q. 25 Amit covers a certain distance on his bike at a speed of $40 \mathrm{~km} / \mathrm{h}$ in 15 min . If he wants to cover the same distance in 12 min , then what should his speed be?

Ans
X 1. $60 \mathrm{~km} / \mathrm{h}$
2. $50 \mathrm{~km} / \mathrm{h}$

X 3. $72 \mathrm{~km} / \mathrm{h}$
X4. $32 \mathrm{~km} / \mathrm{h}$
Q. 1 Who among the following built the first European fort in India in the year 1503?

Ans
X1. Dutch
X 2. British
X 3. French

- 4. Portuguese
Q. 2 Which state became the first fully organic farming state in India in 2016?

Ans $\quad$ 1. Assam
2. Sikkim

X 3. Punjab
X4. Goa

Question ID : 65497817602
Chosen Option : $\mathbf{2}$
Q. 3 Which part of the world has the highest density of population as of September 2020?

Ans
X 1. East Australia
X 2. North America
X 3. East Africa
4. South Central Asia
Q. 4 What do you call the transparent front part of the eye?

Ans

1. Cornea
$X$ 2. Retina
$X$ 3. Pupil
X4. Iris
Q. 5 Which Indian city was included in the UNESCO Creative Cities Network for its contribution to music in November 2017?
Ans
$X 1$. Nagpur
$X$ 2. Vadodara
$X$ 3. Bengaluru
2. Chennai
Q. 6 Which of the following is an essential element used in the synthesis of proteins in plants?
Ans
X1. Calcium
X 2. Sodium
X 3. Chlorine
3. Nitrogen
Q. 7 The Chalukya Dynasty ruled in Vatapi which is in the modern day Indian state of
$\qquad$
Ans
X 1. Kerala
X 2. Gujarat
4. Karnataka

X 4. Tamil Nadu
Q. 8 Which Indian Lawn Tennis player became the first Asian player to win the Boys' Singles title at Wimbledon in 1954?

Ans

1. Ramanathan Krishnan

X 2. Ramesh Krishnan
X 3. Anand Amritraj
X 4. Vijay Amritraj

Chosen Option : 1
Q. 9 Which of the following is one of the main active sulphur-containing compounds present in garlic and onion?
Ans

1. Allicin

X 2. Cellulose
X 3. Ethanol
$\times$ 4. Phenol
Q. 10 Pochampally lkat sarees and dress materials, famous for their traditional geometric patterns, belong to the state of $\qquad$ _.
Ans

1. Telangana

X 2. Tamil Nadu
X 3. Karnataka
X4. Kerala
Q. 11 What kind of a traditional sport is 'Vallam Kali'?

Ans $\times 1$. Boxing
$X$ 2. Running
3. Boat racing

X 4. Wrestling
Q. 12 'Ratvai' is a dance form associated with the $\qquad$ tribes of India.
Ans

1. Mewati

X 2. Khasi
$X$ 3. Jatapus
$\times 4$. Bhil
Q. 13 'Muya Awandru' is a traditional food of this Indian state.

Ans
X 1. Gujarat
X 2. Karnataka
X 3. Chhattisgarh
4. Tripura
Q. 14 A paper instructing the bank to pay a specific amount from a person's account to another person in whose name it has been issued is known as:
Ans
X 1. cash
2. cheque

X 3. passbook
X 4. currency
Q. 15 Who among the following was appointed as the First Lieutenant Governor of Ladakh in October 2019?

Ans

1. Radha Krishna Mathur
$X$ 2. Anil Baijal
X 3. Dineshwar Sharma
X 4. Girish Chandra Murmu
Q. 16 If two forces act on an object from opposite directions, then the magnitude of the net force acting on it is the $\qquad$ of the magnitudes of the two forces.
Ans
$X$ 1. product
$X$ 2. sum
X 3. ratio
2. difference
Q. 17 What is the maximum amount of investment permissible per senior citizen under Pradhan Mantri Vaya Vandana Yojana?
Ans
X 1. ₹10 lakh
3. ₹15 lakh

X 3. ₹7 lakh
X 4. ₹25 lakh
Q. 18 India and Pakistan had signed the $\qquad$ , under which the two countries agreed to sort out differences and disputes bilaterally.

Ans
X 1. Calcutta Pact
2. Simla Pact

X 3. Lucknow Pact
X 4. Agra Pact
Q. 19 Rani Rudrama Devi was a famous ruler of the $\qquad$ dynasty.
Ans
X 1. Pandya
2. Kakatiya
$X$ 3. Chola
X 4. Chera
Q. 20 In which year did India give shelter to Dalai Lama, the Tibetan spiritual leader?

Ans
X 1.1962
X 2. 1957
X 3.1960
4. 1959
Q. 21 Which of the following is a low grade brown coal that is soft with high moisture content?
Ans
$X 1$. Bituminous
X 2. Anthracite
$X$ 3. Peat
4. Lignite
Q. 22 What do you call one of the most famous constellations that we can see during summer time in the early part of the night?
Ans
X 1. Cassiopeia
X 2. Ursa Minor
$X$ 3. Orion
4. Ursa Major
Q. 23 In terms of coal reserves, India's rank in the world as of April 2020 was:

Ans
$X 1$. ninth
2. fifth
$X$ 3. seventh
$\times 4$. third
Q. 24 Who among the following helped Kaira District Co-operative Milk Producers' Union Ltd expand its work, ushering in the White Revolution?
Ans

1. Verghese Kurien

X 2. Azar Iqbal
X 3. Baba Amte
$X$ 4. Sunderlal Bahuguna
Q. 25 'Ace against Odds' is an autobiography by $\qquad$ .

Ans
$X 1$. Hima Das
2. Sania Mirza
$X$ 3. Dutee Chand
X 4. Mary Kom

| Multi Tasking Non Technical Staff Examination 2020 |  |
| :--- | :--- |
| Participant ID |  |
| Participant Name |  |
| Test Center Name | ON Digital Zone IDZ Trichy II |
| Test Date | $11 / 10 / 2021$ |
| Test Time : | $12: 30$ PM - 2:00 PM |
| Subject | MTS Non Technical 2020 |

## Section: General English

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

The priest's sermon had a calming $\qquad$ on everybody.
Ans

1. effect
$X 2$. change
X 3. study
$\times 4$. chance
Q. 2 Identify the segment in the sentence which contains a grammatical error.

Playing in the park is one of the thing that small children really love.
Ans
$X 1$. in the park
$X$ 2. really love
X 3. that small children
4. one of the thing
Q. 3 Select the INCORRECTLY spelt word.

Ans
X 1. Caused
X 2. Croton
3. Coutious
$X$ 4. Crayon
Q. 4 Select the most appropriate ANTONYM of the given word.

DELIBERATE
Ans
$X$ 1. Thoughtful
X 2. Illiterate
3. Spontaneous

X 4. Careful
Q. 5 Identify the segment in the sentence which contains a grammatical error.

The sports teacher was elated when his team was won the state football championship.
Ans
$\times 1$. when his team
2. was won

X 3. The sports teacher
$\times 4$. was elated
Q. 6 Select the most appropriate ANTONYM of the given word.

PERMANENT
Ans
X 1. Lasting
$\times 2$. Stable
3. Temporary

X 4. Constant
Q. 7 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'.

Thousands of people gathered between the stadium to attend the rally.
Ans
$X$ 1. gathered on to
$X$ 2. gathered over
$\chi$ 3. No substitution required
4. gathered at
Q. 8 Select the most appropriate word to fill in the blank.

There are a lot of things that $\qquad$ to a healthy lifestyle.

Ans
X 1. contributing
2. contribute

X 3. contributed
X 4. contributes
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'.

The company has the number of festival offers coming up soon.
Ans
Х 1. No substitution required
2. a number of

3 3. an number of
X 4. few number of
Q. 10 Select the most appropriate word to fill in the blank.

Dubai is like an oasis $\qquad$ the middle of a desert.
Ans
X 1. to
2. in
$\times 3$. on
X4. over
Q. 11 Select the INCORRECTLY spelt word.

Ans
X 1. Partly
X 2. Parity
X 3. Paired
4. Prepaired
Q. 12 Select the most appropriate synonym of the given word.

PRACTICAL
Ans
X 1. Everlasting
2. Sensible

X 3. Applicable
X4. Theoretical
Q. 13 Select the most appropriate synonym of the given word.

HARDLY
Ans
X 1. Adequately
2. Barely

X 3. Roughly
X 4. Strongly
Q. 14 Select the word which means the same as the group of words given.

The science or practice of drawing maps
Ans
X 1. Geology
X 2. Anthology
X 3. Graphology
4. Cartography
Q. 15 Identify the segment in the sentence which contains a grammatical error.

Much villagers attended the feast hosted by the village panchayat.
Ans
$X$ 1. the village panchayat
$X 2$. hosted by
$X$ 3. attended the feast

- 4. Much villagers
Q. 16 Select the most appropriate meaning of the given idiom.

Horses for courses
Ans 1. Different people are suited for different jobs
$\times 2$. The same horse can run in different race courses in order to win
X 3. The same person can do many jobs and give good results
X 4. Horses are mainly bred for race courses and are winners
Q. 17 Select the most appropriate word to fill in the blank.

In spite of many $\qquad$ we managed to go ahead with our tree plantation drive.
Ans
$X 1$. moments
$X$ 2. confirmations
2. restrictions
$\times 4$. affirmations
Q. 18 Select the word which means the same as the group of words given.

A very steep or overhanging rock face or cliff on a mountain
Ans
X 1. Edge
2. Precipice
$X$ 3. Slope
$\times 4$. Hill
Q. 19 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'.

This silver glass will shine if you rub by lemon peel.
Ans
$X 1$. No substitution required
2. rub it with
$X 3$. rubbed it by
$X 4$. rubbing it by
Q. 20 Select the most appropriate meaning of the given idiom.

## Many a slip between the cup and the lip

Ans $\quad \times 1$. The work is going as per plan and must be completed
$\times 2$. The cup is slippery and likely to break if you are not careful
X 3. The tea is too hot and likely to burn the lips
4. Bad things may happen before the task is finished

> Question ID : 65497815721
> Chosen Option : $\mathbf{4}$

## Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

The Defence Minister complimented the IAF for its rapid deployment of assets at forward locations (1) $\qquad$ response to the border row with China in eastern Ladakh. The current combat readiness has sent a strong message to our (2) $\qquad$ , he said. In an address to the top commanders of (3) $\qquad$ IAF on the opening day of a three-day conference, the defence minister said the nation's resolve to defend its sovereignty (4) $\qquad$ firm and that the people of the country have full confidence in the (5) $\qquad$ of its armed forces.

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

Ans

- 1. in
$\times 2$. on
$X$ 3. with
$\times 4$. to


## Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

The Defence Minister complimented the IAF for its rapid deployment of assets at forward locations (1) $\qquad$ response to the border row with China in eastern Ladakh. The current combat readiness has sent a strong message to our (2) $\qquad$ , he said. In an address to the top commanders of (3) $\qquad$ IAF on the opening day of a three-day conference, the defence minister said the nation's resolve to defend its sovereignty (4) $\qquad$ firm and that the people of the country have full confidence in the (5) $\qquad$ of its armed forces.

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

Ans
$X 1$. messengers
$X$ 2. terrorists
3. adversaries
$\times 4$. friends

## Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

The Defence Minister complimented the IAF for its rapid deployment of assets at forward locations (1) $\qquad$ response to the border row with China in eastern Ladakh. The current combat readiness has sent a strong message to our (2) $\qquad$ , he said. In an address to the top commanders of (3) $\qquad$ IAF on the opening day of a three-day conference, the defence minister said the nation's resolve to defend its sovereignty (4) $\qquad$ firm and that the people of the country have full confidence in the (5) $\qquad$ of its armed forces.

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

Ans
$X 1$. one
X 2. an
3. the

X4.a

## Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

The Defence Minister complimented the IAF for its rapid deployment of assets at forward locations (1) $\qquad$ response to the border row with China in eastern Ladakh. The current combat readiness has sent a strong message to our (2) $\qquad$ , he said. In an address to the top commanders of (3) $\qquad$ IAF on the opening day of a three-day conference, the defence minister said the nation's resolve to defend its sovereignty (4) $\qquad$ firm and that the people of the country have full confidence in the (5) $\qquad$ of its armed forces.

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

Ans

1. stands
$X$ 2. were standing
X 3. standing
$X 4$. is stood

## Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

The Defence Minister complimented the IAF for its rapid deployment of assets at forward locations (1) $\qquad$ response to the border row with China in eastern Ladakh. The current combat readiness has sent a strong message to our (2) $\qquad$ , he said. In an address to the top commanders of (3) $\qquad$ IAF on the opening day of a three-day conference, the defence minister said the nation's resolve to defend its sovereignty (4)__ firm and that the people of the country have full confidence in the (5) $\qquad$ of its armed forces.

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

Ans

1. capability

X 2. availability
$X$ 3. sensibility
X 4. probability

Section : General Intelligence and Reasoning
Q. 1 A paper is folded at the dotted lines as shown in the first two figures, and cut as shown in the third figure. How will it appear when unfolded?


Ans

Q. 2 Arrange the following in a logical and meaningful order.
I. Assistant Professor
II. PGT
III. Professor
IV. Associate Professor

Ans $\quad \times 1.1, I I, I I I, I V$
X 2.I, III, IV, II
X 3.IV, II, I, III
4. III, IV, I, II
Q. 3 Select the correct combination of mathematical signs to sequentially replace the * signs and balance the given equation.

17 * $3 * 6 * 2 * 7 * 55$
Ans

1. $\times,-, \div,+,=$

X2. $-\div,+, \times,=$
X $3 . \div,+,-, \times,=$
(4.,,$-+ \div, \times,=$
Q. 4 Select the combination of letters that when sequentially placed in the blanks of the given letter series will complete the series.

J_ _G_KP__ _PGJ
Ans
X 1. GJPKJK
X 2. PJKGJK
3. KPJGJK

X4.KJPGKJ
Q. 5 Select the option figure which is NOT embedded in the given figure (rotation is NOT allowed).


Ans
$\times 1$.

$\times 2$.


3

$\times 4$.

Q. 6 Two statements are given, followed by two conclusions. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

## Statements:

1. All animals are white.
2. No reptile is white.

Conclusions:
I. No reptile is an animal.
II. Some whites are animals.

Ans

1. Both conclusions I and II follow.
$X 2$. Only conclusion I follows.
$X$ 3. Only conclusion II follows.
X 4. Neither conclusion I nor II follows.
Q. 7 Complete the missing portion of the given pattern by selecting from the given options.


Ans
$\times 1$

$\checkmark 2$.

$\times 3$.

$\times 4$.

Q. 8 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.

COLD : GTRK : : MICE : ?
Ans
X1.RMGL
X 2. QNGL
3. QNIL

X 4. QMGL
Q. 9 Which two signs should be interchanged to make the given equation correct?
$8 \times 4-7+8 \div 2=35$
Ans

1.     + and -
$\times 2 . \div$ and -
$X 3$. - and $\times$
$\times 4 . \times$ and $\div$
Q. 10 In the given figure, the circle represents 'kids who can write', the rectangle represents 'kids who can read', and the
triangle represents 'kids who can sing'. Which part of the figure represents 'kids who can write but CANNOT sing'?


Ans

1. a, b, d, e
$\times 2 . \mathrm{b}, \mathrm{e}$
$X$ 3. a, c
X4.a, d
Q. 11 Select the figure from the options that can replace the question mark (?) and complete the following figure series.


Ans

Q. 12 In a certain code language, '274' means 'you are fool', '137' means 'Rohan is fool', and '893' means 'Riya likes Rohan'. Which of the options may be the code for 'Riya'?
Ans
$\times 1.3$

- 2.9
$\times 3.4$
$\times 4.7$
Q. 13 If in a code language, 'WICE' is written as 'XGFA', then how will 'WELL' be written in the same code language?
Ans
X 1. XAOO
$X$ 2. XAHH

2. XCOH
$\times 4 . \mathrm{XCHO}$
Q. 14 Select the number that can replace the question mark (?) in the given number series.

30, 42, 56, 72, ?, 110
Ans
$\times 1.102$
X 2.88

- 3.90
$\times 4.92$
Q. 15 In a certain code language, '274' means 'God is great', '137' means 'I worship God', and '752' means 'God is omnipotent'. Which of the options is the code for 'omnipotent'?
Ans
$\times 1.7$
$\times 2.4$
$\times 3.3$
*. 5
Q. 16 Select the number that can replace the question mark (?) in the given number series.
$6,7,13,20,33,53$,?
Ans
$\times 1.73$

2. 86

X 3.89
$\times 4.79$
Q. 17 Select the option in which the number-pair does NOT share the same relationship as shared by the given number-pair.

9:738
Ans
X 1.6:222
2. $8: 157$

X 3.7:350
$\times 4.4: 681$
Q. 18 Select the set of numbers from the given options which is similar to the given set.
(272, 353, 452)
Ans

1. $(560,443,263)$

X 2. $(617,813,215)$
X 3. $(901,456,791)$
X 4. $(459,781,972)$
Q. 19 Six students, A, B, C, D, E and F, are standing facing north, but not necessarily in the same sequence. $A$ is at one of the corners and $F$ is beside him. $B$ is to the immediate right of $E$. $B$ is at the second place from the right end. $C$ is not beside $F$.

Who is standing third from the right side?
Ans
1.E

X2. F
$\times$ 3. C
X4.D
Q. 20 Select the option that is related to the third term in the same way as the second term is related to the first term.

Sweet : Sour : : End : ?
Ans
$X 1$. New
X 2. Move
3. Beginning

X 4. First
Q. 21 If in a code language, 'BEAM' is written as 'YVZN', then how will 'HELP' be written in the same code language?
Ans
X 1. EVKO
2. SVOK

X 3. SVKQ
X 4.EVKQ
Q. 22 Select the option that is related to the third term in the same way as the second term is related to the first term.

Square : Side : : Circle : ?
Ans
$X 1$. Area
2. Arc
$X 3$. Radius
$\times$ 4. Diameter
Q. 23 Select the correct mirror image of the given figure when the mirror is placed to the right side of the figure.


Ans

$\times 2$.

$\times 3$.

$\times 4$.

Q. 24 There are seven row houses, M, N, O, P, Q, R and S, in a campus, but not necessarily in the same sequence. $P$ is not at any of the ends. $R$ is to the immediate right of $P$. $S$ is third from the left. O is at the left end. M is second from the right. O is not besides N .

Where is R located?
Ans
$X 1$. Fourth from the right
2. Second from the left
$X$ 3. At the right end
4. Third from the right
Q. 25 Three statements are given, followed by four conclusions. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

## Statements:

1. Some women can cook well.
2. All women who can cook well are dancers.
3. Some dancers are players.

Conclusions:
I. No dancer can cook well.
II. No dancer is a woman.
III. Some players are women.
IV. No player is a woman.

Ans

1. Either conclusion III or IV follows.

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

## Section : Numerical Aptitude

Q. 1 Two numbers A and B are, respectively, $20 \%$ and $56 \%$ more than a third number C . The ratio of the numbers A to B is:

Ans
-1. $10: 13$
$\times$ 2. $10: 17$
$\times 3.11: 13$
X4. 7:11
Q. 2 If the diameter of the base of a cone is 24 cm and its curved surface area is $1395 \frac{3}{7} \mathrm{~cm}^{2}$, then its height is:
(Take $\pi=\frac{22}{7}$ )
Ans $\quad 1.35 \mathrm{~cm}$
$\times 2.32 \mathrm{~cm}$
X 3. 30 cm
$\times 4.36 \mathrm{~cm}$
Q. 3 Iwelve years ago, the ratio of the ages of Anil and Bishu was $5: 12$. Eight years from now, the ratio of their ages will be $10: 17$. What is the ratio of the present ages of Anil and Bishu?

Ans
X1.9:16

- $2.8: 15$
$\times 3.5: 8$
X4.7:13
Q. 4 A's monthly salary is $20 \%$ more than B's monthly salary. C's monthly salary is $₹ 25,000$ more than B's monthly salary. Their total monthly salary is $₹ 2,65,000$. The salary of B is what percentage of that of C ?

Ans

1. $75 \%$

X2. $55 \%$
X 3. $60 \%$
X4. $70 \%$
Q. 5 What is the compound interest on a sum of ₹ 12,600 for $1 \frac{1}{2}$ years at $20 \%$ p.a., if the interest is compounded halfyearly? (Nearest to a ₹)
Ans
X 1. ₹ 4,251
2. ₹ 4,171
$\times$ 3. ₹ 4,169
X4. ₹4,269
Q. 6 Raghav lent $₹ 7,500$ to Gopal for three years and $₹ 5,000$ to Sachin for four years on simple interest at the same rate of interest, and received $₹ 3,570$ in all from both as interest. The interest paid by Sachin is:

Ans
X 1. ₹ 1,580
X 2. ₹ 1,500
(3. ₹ 1,680

X4. ₹ 1,600
Q. 7 Varun can do a work in 28 days. In how many days can the work be completed by Sarvesh, if the efficiency of Sarvesh is $40 \%$ more than that of Varun?
Ans
$X 1.18$ days
X 2. 16 days
3. 20 days

X4. 15 days
Q. 8 Study the following pie chart and table and answer the question given below.

The given chart represents the percentage distribution of the population of six villages $\mathrm{A}, \mathrm{B}, \mathrm{C}, \mathrm{D}, \mathrm{E}$ and F in 2016.

|  |  |
| :---: | :---: |
| Village | Percentage of population below the poverty line |
| A | 30\% |
| B | 45\% |
| C | 55\% |
| D | 60\% |
| E | 58\% |
| F | 40\% |

If the population below the poverty line in village D is 12408 , then the population below the poverty line in village F is:

Ans

1. 10340
$\times 2.10240$
$\times 3.10440$
$\times 4.10300$
Q. 9 A can do a piece of work in 12 days for 6 hours per day, and $B$ can do it in 8 days for 7 hours per day. How long will they take to do the work, working together, for 9 hours a day?
Ans
$\times 1.4$ days
X2. $\frac{5}{2}$ days
X 3. $\frac{9}{2}$ days
2. $\frac{7}{2}$ days
Q. 10 The base of a triangle is 8.5 cm and height is 14 cm . The height of another triangle, having base 14 cm and double the area of the first triangle, is:
Ans
3. 17 cm
$\times 2.15 \mathrm{~cm}$
$\times 3.16 \mathrm{~cm}$
$\times 4.14 \mathrm{~cm}$
Q. 11 If the height of a cylinder is increased by $30 \%$, and the radius of its base is decreased by $15 \%$, then by what percentage will its curved surface area change?
Ans
X 1. 10\%
$\times 2.12 \%$
$\times 3.8 \%$

- 4. $10.5 \%$
Q. 12 The sales for 5 days are given as: $₹ 5,000, ₹ 6,000, ₹ 8,000, ₹ 7,000$ and $₹ 9,000$. What must the sales be on the $6^{\text {th }}$ day so that the average becomes $₹>, 500$ ?
Ans

1. ₹ 16,000

X2. ₹ 12,000
$X$ 3. $₹ 15,000$
X4. ₹ 10,000
Q. 13 A person reaches his destination 32 minutes late if his speed is $6 \mathrm{~km} / \mathrm{h}$, and he reaches 18 minutes before time if his speed is $7 \mathrm{~km} / \mathrm{h}$. Find the distance of his destination from his starting point.

Ans
$X 1.28 \mathrm{~km}$
X 2. 30 km
X 3.32 km

- 4. 35 km
Q. 14 Study the following pie chart and table and answer the question given below.

The given chart represents the percentage distribution of the population of six villages $\mathrm{A}, \mathrm{B}, \mathrm{C}, \mathrm{D}, \mathrm{E}$ and F in 2016.


The difference in the central angles of villages $B$ and $E$ is:
Ans
$\times 1.22^{\circ}$
$\times 2.25^{\circ}$
(3. $18^{\circ}$
$\times 4.15^{\circ}$
Q. 15 By selling an article for ₹ 1,500 , double the profit is obtained than the profit that would have been obtained by selling it for $₹ 1,350$. Find the cost price of the article.
Ans
X 1. ₹ 1,100
2. ₹ 1,200

X 3 . ₹ 1,400
X4. ₹ 1,000
Q. 16 The value of $4 \times 2 \div 3$ of $12-3 \div 2 \times(2-3) \times 2+3 \div 2$ of 3 is:

Ans
$\times 1 \cdot \frac{59}{18}$
$\times 2 \cdot \frac{13}{18}$

- $3 . \frac{67}{18}$
$\times 4 . \frac{23}{6}$
Q. 17 Anil Kumar sold an article to Rajat for $₹ 15,000$ by losing $25 \%$. Rajat sells it to David at a price that would have given Anil Kumar a profit of $5 \%$. The profit percentage earned by Rajat is:
Ans
X1. $25 \%$

2. $40 \%$

X 3. $42 \%$
X4. $30 \%$
Q. 18 A man travelled a distance of 47 km in 6 hours. He travelled partly on foot at the rate of $6 \frac{1}{2} \mathrm{~km} / \mathrm{h}$, and partly on bicycle at the rate of $8 \frac{1}{2} \mathrm{~km} / \mathrm{h}$. The distance travelled on foot is:

Ans 1.13 km
X2. 15 km
X 3.12 km
$\times 4.16 \mathrm{~km}$
Q. 19 The sum of five numbers $A, B, C, D$ and $E$ is 37.5 . The average of $A$ and $B$ is 6 , and the average of $D$ and $E$ is 9 . The average of $\mathrm{A}, \mathrm{B}$ and C is:

Ans
$\times 1.7 .5$
X2. 6

- 3. 6.5

X4. 5.5
Q. 20 The least number of square tiles required to pave the ceiling of a room, 12 m 95 cm long and 3 m 85 cm broad, is:

Ans
$\times 1.14225$
2. 14245
$\times 3.14000$
$\times 4.12425$
Q. 21 An article is listed at $₹ 15,000$ and the discount offered is $12 \%$. What additional discount must be given to bring the net selling price to ₹ 12,078 ?
Ans
X1.7.5\%
2. $8.5 \%$

X 3. $9 \%$
$\times 4.8 \%$
Q. 22 A rectangular water reservoir contains 126 kilolitres of water. The depth of the reservoir is 3.5 m and its length measures 8 m . What is the width of the reservoil?
Ans

1. 4.5 m
$\times 2.4 .2 \mathrm{~m}$
$\times 3.4 \mathrm{~m}$
$\times 4.5 \mathrm{~m}$
Q. 23 Study the following pie chart and table and answer the question given below.

The given chart represents the percentage distribution of the population of six villages $\mathrm{A}, \mathrm{B}, \mathrm{C}, \mathrm{D}, \mathrm{E}$ and F in 2016.


| Village | Percentage of population <br> below the poverty line |
| :---: | :---: |
| A | $30 \%$ |
| B | $45 \%$ |
| C | $55 \%$ |
| D | $60 \%$ |
| E | $58 \%$ |
| F | $40 \%$ |

If the population below the poverty line in village A is 42000 , then the population above the poverty line in village $A$ is:

Ans
$\times 1.95000$
$\times 2.85000$
-3. 98000
X4. 88000
Q. 24 If the ratio of the mode and median of a certain data is $9: 8$, then the ratio of its mean and median is:

Ans $\times 1.15: 17$
X2. $13: 15$
-3. $15: 16$
X4.11:15
Q. 25 Instead of dividing $₹ 3,910$ among $P, Q$ and $R$ in the ratio $\frac{1}{4}: \frac{1}{5}: \frac{1}{\mathrm{~g}}$, by mistake it was divided in the ratio $4: 5: 8$. By how much did R gain in this transaction?

Ans

1. ₹990
$\times$ 2. ₹940
$X$ 3. ₹ 890
X4. ₹900
Q. 1 Which of the following statements is NOT true?

Ans $\times 1$. Elephants sleep for only two to four hours in a day.
2. Elephants use their tails to keep themselves cool.

X 3. Elephants love to play with mud and water.
X 4. An adult elephant can eat more than 100 kilograms of leaves and twigs in one day.
Q. 2 Which of the following is a comprehensive and in-depth analysis of a country's financial sector, done jointly by the World Bank and IMF in developing and emerging market countries?
Ans
$X 1$. Evaluation and Monitoring of the Financial Sector
X 2. Developing Economies Financial Audit Scheme
3. Financial Sector Assessment Program

X 4. Finance and Socio Economic Audit Scheme
Q. 3 Dashain is the longest and the most important festival of $\qquad$ -.

Ans
X 1. Myanmar
$X$ 2. Bhutan
X 3. Sri Lanka

- 4. Nepal
Q. 4 Which of the following awards was presented to Ramesh Sippy at the Filmfare Awards 2020?
Ans
$X$ 1. Best Director
X 2. Best Original Story
- 3. Lifetime Achievement Award
$X 4$. Excellence in Cinema
Q. 5 Tooth decay is caused by

Ans
$X 1$. viruses
2. bacteria
$X$ 3. fungi
$\times 4$. protozoa
Q. 6 When dried raisins are placed in a concentrated salt solution, they $\qquad$ -.
Ans $\quad$ 1. first shrink and then swell
< 2 . swell
3. shrink

X 4. remain the same size
Q. 7 Military commanders in Akbar's empire were called ' $\qquad$ '.

Ans 1.faujdars
X 2. bakhshis
X 3. kotwals
X4. diwans

Question ID : 65497816510
Chosen Option : 1
Q. 8 Which of the following rivers does NOT rise in the Nepal Himalayas?

Ans
X 1. Kosi
2. Narmada

X 3. Gandak
×4. Ghaghara
Q. 9 Which of the following statements is NOT true about plateaus?

Ans
$X 1$. The Deccan plateau is one of the oldest plateaus in India.
$X$ 2. A plateau is an elevated flat land.
$X$ 3. Plateaus are rich in mineral deposits.
4. The Marwar plateau is the highest plateau in the world.
Q. 10 Which of the following monuments is located in the state of Karnataka?

Ans

- 1. Gol Gumbaz

X 2. Bara Imambara
X 3. Charminar
X 4. Qutub Minar
Q. 11 Complete the statement: Sodium hydrogen carbonate is used $\qquad$ .
Ans $\quad \times 1$. for removing permanent hardness of water
$X$ 2. as a cleaning agent for domestic purposes
3. in soda-acid fire extinguishers
$X 4$. in the manufacture of borax
Q. 12 The Nanda Devi Fair is organised in the Kumaon region in the month of $\qquad$ every year.
Ans
$X 1$. December
X 2. May
X 3. February
4. September
Q. 13 Murshid Quli Khan was the Nawab of $\qquad$ .
Ans $\times 1$. Awadh
X 2. Lucknow
3. Bengal

X 4. Hyderabad
Q. 14 Who won the Styrian Grand Prix Formula 1 racing championship in July 2020?

Ans
X 1. Valtteri Bottas
X 2. Max Verstappen
$X$ 3. Sebastian Vettel
4. Lewis Hamilton

Question ID : 65497816490
Chosen Option: --
Q. 15 Which of the following statements is NOT true?

Ans 1. Fiscal policy deals with the supply of money in the economy and the rate of interest.
X 2. Fiscal policy includes tax policy, expenditure policy, investment or disinvestment strategies and debt or surplus management.
$X 3$. Fiscal policy is linked with general economic policy strategy of the country.
X 4. The government deals with fiscal policy.
Q. $16 \ln 1526$, $\qquad$ defeated Ibrahim Lodi at Panipat and captured Delhi and Agra.
Ans $\quad \times 1$. Genghis Khan
X 2. Miran Shah
3. Babur

X4. Timur
Q. 17 A clinical thermometer reads the temperature from $\qquad$ .
Ans
$X 1.25^{\circ} \mathrm{C}$ to $32^{\circ} \mathrm{C}$
$\times 2.38^{\circ} \mathrm{C}$ to $48^{\circ} \mathrm{C}$
X $3.32^{\circ} \mathrm{C}$ to $38^{\circ} \mathrm{C}$

- $4.35^{\circ} \mathrm{C}$ to $42^{\circ} \mathrm{C}$
Q. 18 The Indian Parliament passed the Citizenship (Amendment) Bill in the year $\qquad$ -.

Ans
X 1.2017

- 2.2019

X 3.2015
$\times 4.2016$
Q. 19 According to the Motor Vehicles Act, 1988, no person under the age of $\qquad$ years shall be granted a learner's license to drive a motor cycle without gear except with the consent in writing of the person having the care of the person desiring the learner's license.
Ans
$X$ 1. twenty
2. eighteen
$X$ 3. seventeen
X 4. twenty-one
Q. 20 Which of the following countries is an 'Associate Member' of the ICC (International Cricket Council)?
Ans
$X$ 1. Afghanistan
X 2. Pakistan
X 3. Bangladesh
4. Nepal
Q. 21 Namami Gange Programme was approved by the Government of India in the year
-.
Ans 1.2014
$\times 2.2018$
X 3.2019
$\times 4.2015$
Q. 22 In which year was the Reserve Bank of India established?

Ans
X 1.1942
$\times 2.1932$
X 3.1947
4. 1935
Q. 23 'The Adventures of Huckleberry Finn' is a book written by $\qquad$ .
Ans
X 1. Ruskin Bond
2. Mark Twain

X 3. Rudyard Kipling
X 4. Lewis Carroll
Q. 24 Which of the following Acts was passed by the Government of India to inquire into allegations of corruption against certain public functionaries?
Ans
$X 1$. Delimitation Act
$X$ 2. Prevention of Money Laundering Act
X 3. Central Vigilance Commission Act
4. The Lokpal and Lokayukta Act
Q. 25 Who is the author of the book 'The Tales of Beedle The Bard'?

Ans
$X 1$. Lewis Carroll
2. EB White

X 3. Roald Dahl
4. JK Rowling

Multi Tasking Non Technical Staff Examination 2020

| Participant ID |  |
| :--- | :--- |
| Participant |  |
| Name |  |
| Test Center | iON Digital Zone iDZ Plexus IT system Mangal <br> Compound Dewas Naka |
| Name | Com/10/2021 |
| Test Date | T1/10 |
| Test Time : | 4:00 PM - 5:30 PM |
| Subject | MTS Non Technical 2020 |

## Section : General English

Q. 1 Select the most appropriate ANTONYM of the given word.

HEFTY
Ans
$X$ 1. handsome
$X 2$. generous
3. slight
$\times 4$. liberal
Q. 2 Select the most appropriate synonym of the given word.

SMUDGE
Ans

1. stain

X 2. sweet
X 3. trash
X 4. mud
Q. 3 Select the most appropriate option to fill in the blank.

The quarantine period for travellers by road into this State has been $\qquad$ to 28 days.
Ans
X 1. advanced
2. increased
$X$ 3. expanded
$X$ 4. enlarged
Q. 4 Select the most appropriate one-word substitution for the given words.

The first people to live in an area
Ans
X 1. Provincial
2. Native

X 3. Colonial
X 4. Local

## Q. 5 Select the most appropriate meaning of the given idiom.

Fit as a fiddle
Ans

1. To be in excellent health and good working order

X 2. About to buy a good musical instrument
X 3. Ready to start playing a fiddle
$X$ 4. To have an expensive musical instrument
Q. 6 Select the most appropriate option to fill in the blank.

After she received an overripe papaya, Vidya exclaimed that she would never ever _fruits online.

Ans

1. order
$\times 2$. ordered
$X 3$. orders
$\times 4$. ordering

## Q. 7 Select the MISSPELT word.

Ans
$X$ 1. Eminent
2. Tolarance

X 3. Weary
X 4. Happiness
Q. 8 Select the most appropriate meaning of the given idiom.

Elbow grease
Ans
$X$ 1. Oil on the shirt sleeve
$X$ 2. Too much cream on hands
$X$ 3. Stain on a car glass
4. A lot of physical effort

## Question ID : 65497814611

Chosen Option: $\mathbf{4}$
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'.

Keep pets can be very comforting for most people.
Ans
$\times 1$. Keeping pet
$X$ 2. Keeps pet
X 3. No substitution required
4. Keeping pets
Q. 10 Identify the segment in the sentence which contains a grammatical error.

According to the meteorology department, yesterday Assam had the heavier rainfall of the decade.
Ans
$X$ 1. yesterday Assam had
2. the heavier rainfall of the decade
$X 3$. According to
$X$ 4. the meteorology department
Q. 11 Identify the segment in the sentence which contains a grammatical error.

After the rain the roads was wet and waterlogged in some places.
Ans
$X 1$. After the rain
$X$ 2. wet and waterlogged
$X 3$ in some places.
4. the roads was
Q. 12 Select the most appropriate option to fill in the blank.

The Minister's office $\qquad$ press statement that the Webinar which had been held on the previous day had received an excellent response.
Ans
$\chi 1$. have issue
$X 2$ issues
3. issued

X4. will issued
Q. 13 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'.

At first, we cruised in the local river beside trying anything more adventurous.
Ans
X 1. already

- 2. before

X 3. No substitution required
<4. earlier
Q. 14 Identify the segment in the sentence which contains a grammatical error.

There was very poor receptivity due from technological glitches; nonetheless, the online class was continued.

Ans
X 1. There was very poor receptivity
Х 2. the online class was continued
2. due from technological glitches

X4. nonetheless
Q. 15 Select the most appropriate option to substitute the underlined segment. If no substitution is required, select 'No substitution required'.

The doctor asked the patient what he had ate the previous night.
Ans
X 1. No substitution required
X 2. had he eaten
X 3. had he ate
4. he had eaten
Q. 16 Select the most appropriate option to fill in the blank.

The patient's family had to go through a lot of trouble to $\qquad$ her into a hospital.

Ans
X 1. join
2. admit

X 3. access
X 4. permit
Q. 17 Select the most appropriate synonym of the given word.

PRIORITY
Ans
X 1. dignity
X 2. formality
× 3. paucity
4. precedence
Q. 18 Select the MISSPELT spelt word.

Ans
X1. Business
X 2. Dreadful
3. Emergensy

X4. Inflammable
Q. 19 Select the most appropriate one-word substitution for the given words.

Special words and phrases used
by particular groups of people, especially in their work
Ans
X 1. Dialogue
X 2. Elocution
< 3. Conversation
4. Jargon
Q. 20 Select the most appropriate ANTONYM of the given word.

FATIGUE
Ans 1.strength
2. control

X 3. weakness
X4. threat

## Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Lin Piao used to absent himself (1) $\qquad$ classes very often and one day (2) $\qquad$ principal of the college made up his (3) $\qquad$ to expel him. So he sent for the (4) $\qquad$ man. Lin arrived just (5) $\qquad$ the principal was about to go for lunch. "Is this the time to come?" said the principal, sternly.

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

Ans

1. from
$X$ 2. in
$\times 3$. for
$\times 4$. to

## Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Lin Piao used to absent himself (1) $\qquad$ classes very often and one day (2) to expel him. So he sent for the (4) principal of the college made up his (3) $\qquad$ the principal was about to go for lunch. "Is this the time to man. Lin arrived just (5) $\qquad$ come?" said the principal, sternly.

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

Ans
X1.a
$\times 2$ 2.
$X$ 3. some
4. the

## Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Lin Piao used to absent himself (1) $\qquad$ classes very often and one day (2) $\qquad$ principal of the college made up his (3) $\qquad$ to expel him. So he sent for the
(4) man. Lin arrived just (5) $\qquad$ the principal was about to go for lunch. "Is this the time to come?" said the principal, sternly.

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

Ans
$X$ 1. brain
$X$ 2. thought
3. mind
$X 4$. head

## Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Lin Piao used to absent himself (1) $\qquad$ classes very often and one day (2) $\qquad$
principal of the college made up his (3) $\qquad$ to expel him. So he sent for the (4) man. Lin arrived just (5) $\qquad$ the principal was about to go for lunch. "Is this the time to come?" said the principal, sternly.

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

Ans
X1. immature
2. young
$X$ 3. youthful
$\times$ 4. childish

## Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Lin Piao used to absent himself (1) $\qquad$ classes very often and one day (2) $\qquad$ principal of the college made up his (3) $\qquad$ to expel him. So he sent for the (4) man. Lin arrived just (5) $\qquad$ the principal was about to go for lunch. "Is this the time to come?" said the principal, sternly.

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

Ans
$\times 1$. also
$X$ 2. why
X 3. how
4. as
Q. 1 Select the option that is related to the third term in the same way as the second term is related to the first term.

Square : Rectangle : : Rhombus : ?
Ans
X 1. Cuboid
X 2. Trapezium
X 3. Kite
4. Parallelogram
Q. 2 Select the correct mirror image of the given figure when the mirror is placed to the right side of the figure.


Ans

- 1 .

$\times 2$

$\times 3$.

$\times 4$

Q. 3 'Kilogram' is related to 'Vegetables' in the same way as 'Litre' is related to ' $\qquad$ '.
Ans $\times 1$. Bananas
X 2. Pulses

3. Milk
×4. Grass
Q. 4 Find which figure is to be removed so that all, starting from I, fit into a pattern.


Ans $\quad \times 1$. II
$X$ 2. III
X 3. V

- 4. IV
Q. 5 Select the option figure which is NOT embedded in the given figure (rotation is NOT allowed).


Ans
$\times 1$.

$\times 2$.

$\times 3$.


4

Q. 6 Select the number that can replace the question mark (?) in the given number series.

121, 57, 21, 5, ?
Ans $\times 1.4$
$\times 2.8$

- 3.1
$\times 4.3$
Q. 7 Three statements are given, followed by three conclusions. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

1. All children study in class $V$.
2. Some children go to coaching.
3. Some children are brilliant.

Conclusions:
I. All children who go to coaching are brilliant.
II. Children who go to coaching also study in class V.
III. All children who study in class V are not brilliant.

Ans
X 1. Both conclusions I and II follow,
X 2. Both conclusions II and III follow.
X 3. Only III follows.
4. Only II follows.
Q. 8 Six students, A, B, C, D, E and F, are standing facing north. They are not standing in alphabetical order. $A$ is at one corner and $F$ is beside him. $B$ is to the immediate right of $E$. $B$ is at the second place from the right end. $C$ is not beside $F$. Who is standing at the right end?
Ans
$X 1$. A
$\times 2$ E
$\times 3$. D
4.C
Q. 9 Select the combination of letters that when sequentially placed in the blanks of the given letter series will complete the series.

C__U_KZU_K_UC
Ans

1. KZCCZ

X 2. ZCKZC
X 3. UKZCK
X4. CKZCZ
Q. 10 Complete the missing portion of the given pattern by selecting from the given options.


Ans
$\times 1$.

$\times 2$

$\times 3$.


- 4. 


Q. 11 In a certain code language, '137' means 'who are you', '274' means 'we are girls', and
'893' means 'you have toys'. Which of the following options is the code for 'who'?
Ans
$\times 1.8$

- 2.1
$\times 3.3$
$\times 4.7$
Q. 12 If in a code language, 'ROSE' is written as 'TSYM', then how will 'SOME' be written in the same code language?
Ans

1. USSM
$X$ 2. YSEM
X 3. YESM
X 4. USME
Q. 13 Select the number that can replace the question mark (?) in the given number series.

26, 37, 50, 65, ?, 101
Ans $\times 1.78$
2. 82
$\times 3.80$
$\times 4.92$
Q. 14 Three statements are given, followed by two conclusions. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

1. Suhani is a player.
2. No boy is a player.
3. All tall persons are players.

Conclusions:
I. Suhani is not an tall person.
II. Boys are not tall persons.

Ans $\quad$ 1. Neither conclusion I nor II follows.
2. Only conclusion II follows.

X 3. Both conclusions I and II follow.
$X 4$. Only conclusion I follows.
Q. 15 Arrange the following in a logical and meaningful order. (decreasing order with their heights)
I. Eiffel Tower
II. Empire State Building
III. Qutub Minar
IV. Burj Khalifa

Ans

1. IV, II, I, III

X 2. I, IV, II, III
X 3. III, II, I, IV
X 4.I, II, III, IV
Q. 16 A paper is folded at the dotted lines as shown in the first two figures, and cut as shown in the third figure. How will it appear when unfolded?


Ans

Q. 17 Select the set of numbers from the given options which is NOT similar to the given set.
$(12,81,15)$
Ans
X 1. $(11,69,12)$
X 2. $(15,93,16)$
2. $(13,85,17)$

X 4. $(8,63,13)$
Q. 18 Select the option in which the number-pair shares the same relationship as that shared by the given number-pair.

347 : 117
Ans
2. $242: 82$

X 2. 165:56
X 3. 265:88
$\times 4.135: 48$
Q. 19 In a certain code language, '137' means 'Mary went Jammu', '274' means 'I like Mary', and '893' means 'you went Goa'. Which of the following options may be the code for 'Goa'?
Ans
$\times 1.7$
2. 8
$\times 3.1$
$\times 4.3$
Q. 20 Select the correct combination of mathematical signs to sequentially replace the * signs and balance the given equation.

7*2*5* 4*2*15
Ans
X $1 . \div,-,+, \times,=$
X2.,$- \div,+, \times,=$
3. $+, x,-, \div,=$

X4. $\times,-,+, \div,=$
Q. 21 There are seven row houses, M, N, O, P, Q, R and S, in a campus. They are not located in alphabetical sequence. $P$ is not at any end. $R$ is to the immediate right of $P$. $S$ is third from the left. $O$ is at the left end. $M$ is second from the right. $O$ is not with $N$. Where is Q located?
Ans
$X 1$. Third from the right
$X 2$. At the right end
3. Second from the left
$\times 4$. Fourth from the right
Q. 22 If in a code language, 'SOLD' is written as 'HLOW', then how will 'ROME' be written in the same code language?
Ans
X 1. GLPK
2. ILNV

X 3. ILHW
X 4. GLPV
Q. 23 Which two signs should be interchanged to make the given equation correct?
$3 \div 6-2+8 \times 4=18$
Ans
$\times 1 . \div$ and -
X $2 .+$ and $\div$

- $3 . \div$ and $\times$

X4. + and -
Q. 24 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.

STEAM : PWBDJ : : DRESS : ?
Ans

1. AUBVP

X 2. AOHVP
X 3. AVBUP
X4.AOBVV
Q. 25 In the given figure, the circle represents 'kids who can sing', the rectangle represents 'kids who can play', and the triangle represents 'kids who can dance'. Which part of the figure represents 'kids who can dance but CANNOT sing?


Ans
X1.e
X2. ${ }^{\text {c }}$
$\times 3 . \mathrm{f}$
4. e and f
Q. 1 There were 1200 students in a hostel. If the number of students is increased by 300 , then the expenses of the mess increase by $₹ 5,000$ per day, while the average expenditure per head diminishes by $₹ 5$. The original expenditure of the mess, per day, is:
Ans
$\times 1$. $₹ 52,000$
$\times 2$. ₹ 45,000
3. ₹ 50,000
$\times$ 4. ₹ 55,000
Q. 2 In what time will ₹ 8,000 become $₹ 12,167$ at $15 \%$ per annum, compounded annually?

Ans 1. 3 years
$\times 2.2$ years
$\times 3.5$ years
$\times 4.4$ years
Q. 3 A sum of $₹ 16,000$ is divided between Rahul and Vinod. Rahul invested his sum at $7.5 \%$ p.a. for 4 years at simple interest, and Vinod invested his sum at $12 \%$ p.a. for 4 years at simple interest. If the total interest received by Rahul and Vinod together is $₹ 6,024$, then the sum invested by Rahul is:
Ans
X 1. ₹ 8,200
2. ₹9,200

X 3. ₹ 8,400
X4. ₹ 9,500
Q. 4 What number must be added to each of the numbers 7,4 and 2 so that the resulting numbers may be in a continued proportion?

Ans
-1. 2
$\times 2.4$
$\times 3.3$
$\times 4.5$
Q. 5 If a number of pens and pencils are bought in the ratio of $5: 3$, then Ashok has to pay ₹ 44 . If the ratio is changed as 3 : 5 , then he has to pay $₹ 36$. Find the ratio of the price of one pen to one pencil.

Ans
X1. 5:3
2. $7: 3$

X 3. 8:5
$\times 4.7: 4$
Q. 6 The given pie chart shows the monthly savings and expenditure incurred by a family on various items. Study the chart and answer the question given below.


If the expenditure on housing is $₹ 1,680$ more than that on clothing, then the yearly savings are:
Ans $\quad \times 1$. $₹ 34,600$
$\times 2$. $₹ 32,500$
X 3. ₹ 33,500
4. ₹ 33,600
Q. 7 A cylindrical pillar is 75 cm in diameter and 5.6 m in height. The cost of painting the curved surface of the pillar at the rate of $₹ 15$ per $\mathrm{m}^{2}$ is:
(Take $\pi=\frac{22}{7}$ )
Ans

1. ₹ 198

X 2. ₹ 195
X 3. ₹ 180
X4. ₹ 188
Q. 8 The ratio of the curved surface area and the volume of a closed cylinder is $4: 7$. If its total surface area is $253 \mathrm{~cm}^{2}$, then
its height is:
(Take $\pi=\frac{22}{7}$ )
Ans
$\times 1.9 \mathrm{~cm}$
$\times 2.10 \mathrm{~cm}$

- 3.8 cm

X4. 5 cm
Q. 9 How many minutes does Vishwa take to cover a distance of 1300 m if he runs at a speed of $26 \mathrm{~km} / \mathrm{h}$ ?

Ans

1. 3 minutes
$X$ 2. 6 minutes
$X$ 3. 5 minutes
$\times 4.8$ minutes
Q. 10 The given pie chart shows the monthly savings and expenditure incurred by a family on various items. Study the chart and answer the question given below.


The central angle of food and education together is:
Ans
$\times 1.218^{\circ}$
$\times 2.206^{\circ}$
3. $216^{\circ}$

X4. $116^{\circ}$
Q. 11 The HCF and LCM of two numbers are 8 and 224 , respectively. If the ratio of the two numbers is $4: 7$, then the greater of the two numbers is:
Ans
$\times 1.54$
$\times 2.32$
$\times 3.48$

- 4. 56
Q. 12 In the first 20 overs of a 50 overs game of cricket, the run rate was 5.2 . What should be the run rate in the remaining

30 overs to reach the target of 344 runs?
Ans
-1. 8
$\times 2.7$
$\times 3.6$
$\times 4.7 .5$
Q. 13 Renuka got $1 \frac{1}{2}$ times as many marks in Mathematics as in English. Her total marks in Mathematics, English and Science are 190. If the ratio of the marks in Mathematics and Science is $2: 3$, find her Science marks.
Ans
$\times 1.92$
-2. 90
$\times 3.85$
X4. 88
Q. 14 The profit earned after selling an article for $₹ 5,600$ is the same as the loss incurred after selling the article for $₹ 2,400$.

The profit is:
Ans
X1. $25 \%$
X 2. $32 \%$
X 3. $30 \%$
4. $40 \%$
Q. 154 men and 5 women can earn $₹ 8,800$ in 8 days. 7 men and 10 women can earn ₹ 10,250 in 5 days. In how many days will 8 men and 12 women earn $₹ 21,600$ ?

Ans
X1. 8 days
2. 9 days

X 3. 12 days
X4. 10 days
Q. 16 What is the simplified value of $1 \frac{1}{16}-\left(\frac{2}{5}\right.$ of $\left.\frac{5}{32}\right)-\frac{1}{3} \div \frac{3}{7}$ of $\frac{49}{50}+2-(4 \times 19) \div 63$ ?

Ans
$\times 1 . \frac{1}{8}$
$\times 2 . \frac{1}{3}$
$\times 3 \cdot \frac{1}{16}$
4. 1
Q. 17 The given pie chart shows the monthly savings and expenditure incurred by a family on various items. Study the chart and answer the question given below.


If the monthly savings are $₹ 5,000$, then the total expenditure on education and clothing is:
Ans
$X 1$. ₹ 16,500
, 2. ₹ 14,500
X 3. ₹ 15,500
$\times 4$. ₹ 14,000
Q. 18 The internal and external radii of a hollow hemispherical bowl are 20 cm and 23 cm , respectively. What is the total surface area (in $\mathrm{cm}^{2}$ ) of the bowl?
Ans
X 1. $2082 \pi$
$\times 2.1858 \pi$
3. $1987 \pi$

X4. $2194 \pi$
Q. 19 The mean of the prime numbers between 20 and 45 is:

Ans $\times 1.36$
-2. 34
$\times 3.24$
X4.32
Q. 20 An article was sold at $\frac{4}{3}$ times of its cost price. The profit percentage is:

Ans
$\times 1.33 \frac{1}{4} \%$
2. $33 \frac{1}{3} \%$

X 3. $33 \frac{1}{5} \%$
$\times 4.32 \frac{1}{3} \%$
Q. 21 The total surface area of a solid right circular cylinder is $1617 \mathrm{~cm}^{2}$. If the diameter of its base is 21 cm , then what is its volume (in $\mathrm{cm}^{3}$ )? (Take $\pi=\frac{22}{7}$ )

Ans
-1. 4851
X2. 5228
$\times 3.5324$
$\times 4.3971$
Q. 22 Dheeraj can cover a certain distance in 5 hours and 22 minutes by covering three-fourth of the distance at $5 \mathrm{~km} / \mathrm{h}$ and the rest at $6 \mathrm{~km} / \mathrm{h}$. Find the total distance covered by him.

Ans 1.28 km
X 2. 30 km
X 3. 25 km
X4. 26 km
Q. 23 A can do a work in 20 days and B can do it in 14 days. If they work together for 7 days, then the fraction of the work
left is:
Ans
$\times 1 \cdot \frac{3}{10}$
2. $\frac{3}{20}$
$\times 3 . \frac{7}{20}$
$\times 4 . \frac{7}{10}$
Q. 24 सोनू कुमार अपने मासिक वेतन का $42 \%$ भोजन पर, $16 \%$ किराए पर, $10 \%$ मनोरंजन पर और $7 \%$ परिबहन पर खर्च करता है। लेकिल पारिवारिक कार्यक्रम के कारण ₹ 18,000 की ज़रूरत को पूरा करने के लिए, उसे एक साहूकार से $₹ 12,500$ का ॠण लेना पड़ा। उसका मासिक बेतन ज्ञात कीजिए।
Ans 1. ₹22,000
$\times 2$. $₹ 24,000$
X 3. ₹ 20,000
X 4. ₹ 25,000
Q. 25 Two successive discounts, the first being $14 \frac{1}{2} \%$, were given on an article having a marked price of $₹ 12,500$. Finally, it was sold for $₹ 9,405$. How much was the second discount?
Ans
X 1. $10 \%$
$\times 2.9 \%$
X 3. $8 \%$

- $4.12 \%$


## Section: General Awareness

Q. 1 निम्नलिखित में से किस त्योहार को 'मणिपुरी नव वर्ष' के नाम से भी जाना जाता है?

Ans
X 1. गैंग-नागी
2. चैरोबा
$X$ 3. कूट
X4. हिकरु हिडोंगबा
Q. 2 तिलैया अल्ट्रा मेगा पावर परियोजना निम्नलिखित में से किस राज्य में स्थित है?

Ans $X$ 1. गुजरात
2. झारखंड
$\times$ 3. महाराष्ट्र
$X 4$. मध्ध प्रदेश
Q. 31975 में राष्ट्रीय आपातकाल की घोषणा के समय भारत के राष्ट्रपति निम्नलिखित में से कौन थे?

Ans
$X$ 1. जाकिर हुसैन
$X$ 2. वराहगिरि वेंकट गिरि
3. फखरुद्दीन अली अहमद

X4. नीलम संजीव रेड्डी
Q. 4 निम्नलिखित में से कौन सा सिलिकॉन डाइऑक्साइड का एक गुण है?

Ans $\mathbf{X}$. यह जल में घुलनशील होता है।
$\times 2$. यह विद्युत का सुचालक होता है।
$X$ 3. यह मृदु होता है।
4. इसका गलनांक उच्च होता है।
Q. 5 कार्बन के कुल कितने प्राकृतिक समस्थानिक होते हैं?

Ans
$\checkmark^{1.3}$
$\times 2.2$
$\times 3.5$
$\times 4.4$
Q. 6 विक्रमादित्य VI, जिनके दरबारी कवि बिल्हण ने उनकी जीवनी लिखी थी, $\qquad$ राजवंश के शासक थे।
Ans

1. चालुक्य
$X$ 2. पल्लव
$X$ 3. राष्ट्रकूट
X4. गंगा
Q. 7 भारतीय संविधान के अनुसार, संघ लोक सेवा आयोग का सदस्य छह वर्ष की अवधि के लिए या $\qquad$ वर्ष की आयु पूरी होने तक अपने पद पर रहता है।
Ans
$\times 1.60$
$\times 2.68$

- 3.65
$\times 4.62$
Q. 8 अरबपति वॉरेन बफे द्वारा संचालित फर्म निम्नलिखित में से कौन-सी है?

Ans

1. बर्कशायर हैथवे
$\times$ 2. बैंक ऑफ अमेरिका
X 3. अमेरिकन एक्सप्रेस कंपनी
$X$ 4. जे.पी. मॉर्गन चेस
Q. 9 अगस्त 2020 में, भारतीय संसदीय समूह के अध्धक्ष निम्नलिखित में से कौन थे?

Ans
$X$ 1. एम. वेंकैया नायडू
2. ओम बिड़ला
$X$ 3. वीरेन्द्र कुमार
X4. सुमित्रा महाजन
Q. 10 भारत में राष्ट्रीय उपभोक्ता दिवस कब मनाया जाता है?

Ans
$X 1.26$ दिसंबर
X 2.26 नवंबर
X 3.24 नवंबर
4. 24 दिसंबर
Q. 11 क्रोमाइट नामक खनिज का वैज्ञानिक नाम निम्नलिखित में से कौन सा है?

Ans $\quad$ 1. कॉपर क्रोमियम ऑक्साइड
2. आयरन क्रोमियम ऑक्साइड

X 3. सिल्वर क्रोमियम ऑक्साइड
$\times$ 4. एल्यूमीनियम क्रोमियम ऑक्साइड
Q. 12 निम्नलिखित में से कौन सा 2022 के एशियाई खेलों के आधिकारिक शुभंकर - 'द स्मार्ट ट्रिपलेट्स' में से एक नहीं है?
Ans
$X$ 1. चेन्चेन
$X$ 2. लियानलियान
$\times$ 3. कॉनकॉन्ग
4. किनचेन
Q. 13 निम्न में से कौन-सा रोग फ्लेविवायरस के कारण नहीं होता है?

Ans
$X 1$. जापानी इंसेफेलाइटिस
$X$ 2. पीत ज्वर
3. पोलियो

X4. डेंगू
Q. 14 भारतीय मूल की दक्षिण अफ्रीकी, गीता रामजी, जिन्होंने मार्च 2020 में अंतिम सांस ली, किस क्षेत्र में

अपने योगदान के लिए अंतरराष्ट्रीय स्तर पर जानी जाती हैं?
Ans
$X$ 1. वैकासिक अर्थशास्त
$X$ 2. नाभिकीय भौतिकी
3. विषाणु विज्ञान
$X$ 4. अंतरिक्ष अनुसंधान
Q. 15 महादेव पहाड़ियां मुख्य रूप से किस राज्य में फैली हुई हैं?

Ans
$X$ 1. उत्तर प्रदेश
$X 2$. छत्तीसगढ़
$X$ 3. झारखंड
4. मध्य प्रदेश
Q. 16 संविधान के अनुच्छेद 280 के तहत, भारत के वित्त आयोग का गठन $\qquad$ द्वारा किया जाता है।
Ans
$X 1$. उप-राष्ट्रपति
$X$ 2. उच्च न्यायालय
$X$ 3. उच्चतम न्यायालय
4. राष्ट्रपति
Q. 17 रानी रुद्रमादेवी का संबंध निम्नलिखित में से किस राजवंश से था?

Ans
$X 1$. चोल
$\times$ 2. वाकाटक
X 3. पश्चिमी गंगा
4. काकतीय

Question ID : 65497814892
Chosen Option: 4
Q. 18 निम्नलिखित में से कौन सा मद भारत के चालू खाता शेष (Current Account Balance) को प्रत्यक्ष तौर पर प्रभावित नहीं करता है?
Ans

1. राजस्व आय
$\times$ 2. विदेश में शुद्ध आय
$X$ 3. विदेशी सहायता
X 4. व्यापार अंतर (ट्रेड गैप)
Q. 19 नोकरेक बायोस्फियर रिजर्व किस राज्य में स्थित है?

Ans

1. मेघालय
$\times 2$. नागालैंड
$X$ 3. अरुणाचल प्रदेश
X4. सिक्किम
Q. 20 निम्नलिखित में से कौन सा, पारंपरिक रूप से अंडमान और निकोबार द्वीप समूह में रहने वाला आदिवासी समूह नहीं है?
Ans
$\times 1$. सेंटीनलीज
$X$ 2. ओन्गे
X 3. जरावा
2. मुंडा

Question ID : 65497814871
Chosen Option: --
Q. 21 पदार्थ की निम्नलिखित में से किस अवस्था को बोस-आइंस्टीन कंडेनसेट के नाम से भी जाना जाता है?

Ans
$\times 1$. चतुर्थी
$X$ 2. तृतीय
$X$ 3. द्वितीय
4. पंचम
Q. 22 सितंबर, 2020 तक की स्थिति के अनुसार, निम्नलिखित में से कौन-सा राष्ट्रीय उद्यान, यूनेस्को (UNESCO) की विश्व धरोहर सूची (प्राकृतिक) में अंकित है?
Ans
$X$ 1. दाचीगाम राष्ट्रीय उद्यान
$X$ 2. गिर राष्ट्रीय उद्यान
$X$ 3. हेमिस राष्ट्रीय उद्यान
4. केवलादेव राष्ट्रीय उद्यान
Q. 23 विश्व का सबसे पुराना टेनिस टूर्नामेंट निम्नलिखित में से कौन सा है?

Ans
$X 1$. फ्रेंच ओपन
$X$ 2. यू.एस. ओपन
3. विंबलडन

X 4. ऑस्ट्रेलियन ओपन
Q. 24 निम्नलिखित में से किस स्वयंसेवी संस्थान ने 2020 के सामाजिक उद्यमिता के लिए स्कोल पुरस्कार जीता है?
Ans
X 1. क्राई (CRY)
2. अरमान (ARMMAN)

X 3. ग्रीनपीस
X4. गूंज
Q. 25 ब्रिटिश शासन के दौरान निम्नलिखित में से कौन सा संगठन अन्य तीन संगठनों की तुलना में पहले स्थापित किया गया था?

Ans

1. ब्रह्म समाज

Х 2. प्रार्थना समाज
X 3. परमहंस मंडली
X 4. सत्यशोधक समाज

