

Multi Tasking Non Technical Staff Examination 2020

Participant ID	
Participant Name	
Test Center Name	iON Digital Zone iDZ Asansol
Test Date	26/10/2021
Test Time :	9:00 AM - 10:30 AM
Subject	MTS Non Technical 2020

Section : **General English**

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

The pen I _____ five years ago is still writing well.

- Ans
- 1. have bought
 - 2. bought
 - 3. has bought
 - 4. buy

Question ID : **65497818029**
Chosen Option : 1

Q.2 Select the most appropriate word which means the same as the group of words given.

Force someone through fear to do or not to do something

- Ans
- 1. Intimidate
 - 2. Control
 - 3. Subjugate
 - 4. Murder

Question ID : **65497818047**
Chosen Option : 3

Q.3 Select the most appropriate meaning of the given idiom.

Play safe

- Ans
- 1. Avoid risks and take precautions
 - 2. Do something following rules
 - 3. Play a game steadily
 - 4. Play a game without getting hurt

Question ID : **65497818044**
Chosen Option : 1

Q.4 Select the most appropriate meaning of the given idiom.

Feel the pinch

- Ans 1. Maintain total silence
 2. Be in an agitated state of mind
 3. Listen carefully
 4. Face financial difficulties

Question ID : 65497818045
Chosen Option : 4

Q.5 Choose the correctly spelt word.

- Ans 1. Radiater
 2. Radieter
 3. Redieter
 4. Radiator

Question ID : 65497818049
Chosen Option : 4

Q.6 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'.

Anshima was too exhausted to continue the race.

- Ans 1. much exhausted to
 2. No substitution required
 3. too exhausted for
 4. so exhausted to

Question ID : 65497816119
Chosen Option : 2

Q.7 Select the most appropriate option to substitute the underlined segment in the given sentence.

One of the rooms in the new house had not yet been completed.

- Ans 1. is not yet been completed
 2. are not yet been completed
 3. has not yet been
 4. have not yet been

Question ID : 65497818037
Chosen Option : 3

Q.8 The given sentence contains a grammatical error. Identify the segment that contains the error.

While he was running along the garden path, he has tripped over a big stone.

- Ans
- 1. While he was running
 - 2. long the garden path
 - 3. he has tripped
 - 4. over a big stone

Question ID : 65497818026
Chosen Option : 3

Q.9 Select the most appropriate word to fill in the blank.

The development of solar energy is of _____ interest, as it is a possible substitute for oil.

- Ans
- 1. compound
 - 2. usual
 - 3. global
 - 4. simple

Question ID : 65497818050
Chosen Option : 3

Q.10 Select the most appropriate word which means the same as the group of words given.

A shortage of vitamins, minerals, etc. needed for good health

- Ans
- 1. Deficiency
 - 2. Nutrition
 - 3. Defect
 - 4. Disease

Question ID : 65497818046
Chosen Option : 1

Q.11 Select the most appropriate ANTONYM of the given word.

BARRIER

- Ans
- 1. Advocate
 - 2. Obstacle
 - 3. Hindrance
 - 4. Opening

Question ID : 65497818041
Chosen Option : 4

Q.12 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'.

Anant went to the park every evening to exercise at his friends.

- Ans
- 1. in exercising between
 - 2. to exercise with
 - 3. No substitution required
 - 4. on exercise along

Question ID : 65497818241
Chosen Option : 2

Q.13 Select the most appropriate ANTONYM of the given word.

CLEAR

- Ans
- 1. Doubt
 - 2. Open
 - 3. Dim
 - 4. Known

Question ID : 65497818040
Chosen Option : 1

Q.14 Choose the correctly spelt word.

- Ans
- 1. Saround
 - 2. Surround
 - 3. Sarrund
 - 4. Surrond

Question ID : 65497818048
Chosen Option : 2

Q.15 The given sentence contains a grammatical error. Identify the segment that contains the error.

My sister prefers tea than coffee in the afternoon after lunch.

- Ans
- 1. tea than coffee
 - 2. in the afternoon
 - 3. after lunch
 - 4. My sister prefers

Question ID : 65497818028
Chosen Option : 1

Q.16 The given sentence contains a grammatical error. Identify the segment that contains the error.

If I am you, I wouldn't take the risk of going to the market.

- Ans
- 1. the risk of
 - 2. If I am you
 - 3. I wouldn't take
 - 4. going to the market

Question ID : 65497818027
Chosen Option : 2

Q.17 Select the most appropriate word to fill in the blank.

The _____ of an atom of oxygen is different from that of an atom of hydrogen.

- Ans
- 1. value
 - 2. procedure
 - 3. structure
 - 4. position

Question ID : 65497818051
Chosen Option : 3

Q.18 Select the most appropriate synonym of the given word.

BANISH

- Ans
- 1. Paint
 - 2. Scrape
 - 3. Exile
 - 4. Invent

Question ID : 65497818043
Chosen Option : --

Q.19 Select the most appropriate words to fill in the blank.

The effects of the fuel price hike _____ severely even now.

- Ans
- 1. were being felt
 - 2. are being felt
 - 3. has been felt
 - 4. is being felt

Question ID : 65497818030
Chosen Option : 3

Q.20 Select the most appropriate synonym of the given word.

DISCOVER

- Ans 1. Shut
 2. Close
 3. Find
 4. Search

Question ID : 65497818042
Chosen Option : 3

Comprehension:

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

The mobile phone that you have may be called “the little computer”. Do you know why? It has been claimed that it is thousands of times more powerful (1)_____ the computers that powered NASA’s moon missions in the 1960s. Thus, the present-day smart phones are much (2)_____ but more powerful than the computers of about sixty years ago. Now a standard smart phone has (3)_____ replaced computers for many households because many internet services are now (4)_____ on the smart phone. In its early years, mobile internet was (5)_____ used only for email. Moreover, monthly data use per subscriber had risen from 2.7 GB in 2016 to 10.4 GB in 2019, but data prices had fallen from `152 per GB to a mere ten rupees during the same period.

SubQuestion No : 21

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

- Ans 1. for
 2. than
 3. from
 4. then

Question ID : 65497818032
Chosen Option : 2

Comprehension:

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

The mobile phone that you have may be called “the little computer”. Do you know why? It has been claimed that it is thousands of times more powerful (1)_____ the computers that powered NASA’s moon missions in the 1960s. Thus, the present-day smart phones are much (2)_____ but more powerful than the computers of about sixty years ago. Now a standard smart phone has (3)_____ replaced computers for many households because many internet services are now (4)_____ on the smart phone. In its early years, mobile internet was (5)_____ used only for email. Moreover, monthly data use per subscriber had risen from 2.7 GB in 2016 to 10.4 GB in 2019, but data prices had fallen from `152 per GB to a mere ten rupees during the same period.

SubQuestion No : 22

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

- Ans 1. harder
 2. sharper
 3. smaller
 4. bigger

Question ID : 65497818033
Chosen Option : 3

Comprehension:

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

The mobile phone that you have may be called “the little computer”. Do you know why? It has been claimed that it is thousands of times more powerful (1)_____ the computers that powered NASA’s moon missions in the 1960s. Thus, the present-day smart phones are much (2)_____ but more powerful than the computers of about sixty years ago. Now a standard smart phone has (3)_____ replaced computers for many households because many internet services are now (4)_____ on the smart phone. In its early years, mobile internet was (5)_____ used only for email. Moreover, monthly data use per subscriber had risen from 2.7 GB in 2016 to 10.4 GB in 2019, but data prices had fallen from `152 per GB to a mere ten rupees during the same period.

SubQuestion No : 23

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

- Ans 1. effectively
 2. faithfully
 3. productively
 4. predictably

Question ID : **65497818034**
Chosen Option : 1

Comprehension:

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

The mobile phone that you have may be called “the little computer”. Do you know why? It has been claimed that it is thousands of times more powerful (1)_____ the computers that powered NASA’s moon missions in the 1960s. Thus, the present-day smart phones are much (2)_____ but more powerful than the computers of about sixty years ago. Now a standard smart phone has (3)_____ replaced computers for many households because many internet services are now (4)_____ on the smart phone. In its early years, mobile internet was (5)_____ used only for email. Moreover, monthly data use per subscriber had risen from 2.7 GB in 2016 to 10.4 GB in 2019, but data prices had fallen from `152 per GB to a mere ten rupees during the same period.

SubQuestion No : 24

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

- Ans 1. unavailable
 2. accessible
 3. inaccessible
 4. expensive

Question ID : **65497818035**
Chosen Option : 2

Comprehension:

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

The mobile phone that you have may be called “the little computer”. Do you know why? It has been claimed that it is thousands of times more powerful (1)_____ the computers that powered NASA’s moon missions in the 1960s. Thus, the present-day smart phones are much (2)_____ but more powerful than the computers of about sixty years ago. Now a standard smart phone has (3)_____ replaced computers for many households because many internet services are now (4)_____ on the smart phone. In its early years, mobile internet was (5)_____ used only for email. Moreover, monthly data use per subscriber had risen from 2.7 GB in 2016 to 10.4 GB in 2019, but data prices had fallen from `152 per GB to a mere ten rupees during the same period.

SubQuestion No : 25

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

- Ans 1. efficiently
 2. primarily
 3. importantly
 4. secondarily

Question ID : 65497818036
Chosen Option : 2

Section : **General Intelligence and Reasoning**

Q.1 Two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All Tools are Hardware.
All Hardware is Metallic.

Conclusions:

I. All Metallic are Tools.
II. All Tools are Metallic.

- Ans 1. Both conclusions I and II follow.
 2. Only conclusion I follows.
 3. Only conclusion II follows.
 4. Neither conclusion I nor II follows.

Question ID : 65497817763
Chosen Option : 3

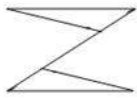
Q.2 Select the number-pair in which the numbers are related in the same way as are in the given pair.

10.3 : 0.0103

- Ans 1. 2.80 : 0.0280
 2. 020 : 0.002
 3. 2.80 : 0.00280
 4. 020 : 0.20

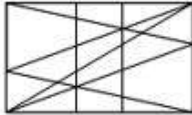
Question ID : 65497817751
Chosen Option : 3

Q.3 Identify the option in which the following figure is embedded (rotation is NOT applicable).

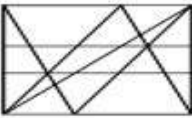


Ans

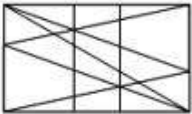
✓ 1.



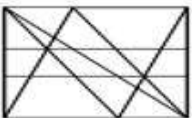
✗ 2.



✗ 3.

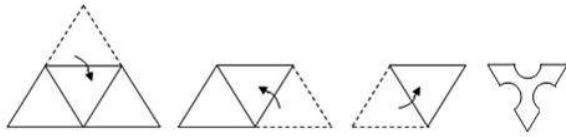


✗ 4.



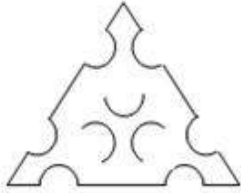
Question ID : 65497817770
Chosen Option : 1

Q.4 A paper is folded and cut as shown in the following figures. How will it appear when unfolded?



Ans

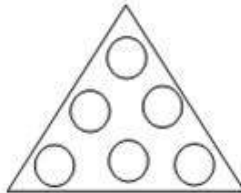
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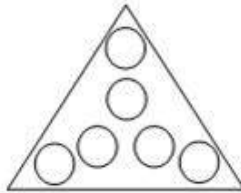
2.



3.



4.



Question ID : 65497817772
Chosen Option : 2

Q.5 Select the option in which the numbers are related in the same way as are the numbers of the following set.

(132, 126, 117)

Ans 1. (122, 117, 19)

2. (118, 111, 102)

3. (124, 117, 108)

4. (138, 132, 125)

Question ID : 65497817752
Chosen Option : 3

Q.6 Which letter-cluster will replace the question mark (?) in the following letter-cluster series?

USQ, NLJ, GEC, ?

- Ans 1. ZXV
 2. ZWT
 3. AYW
 4. YWU

Question ID : 65497817762
Chosen Option : 1

Q.7 Which number will replace the question mark (?) in the following number series?

6, 12, 9, 36, 31, 186, ?

- Ans 1. 190
 2. 208
 3. 211
 4. 179

Question ID : 65497817754
Chosen Option : 4

Q.8 Select the option word that is related to the third word in the same way as the second word is related to the first word.

Right : Correct :: Peak : ?

- Ans 1. Hill
 2. Valley
 3. Tall
 4. Top

Question ID : 65497817760
Chosen Option : 4

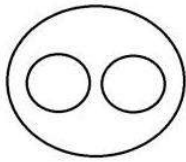
Q.9 Select the correct sequence of mathematical signs to sequentially replace the * signs so as to balance the given equation.

$46 * 12 * 32 * 8 * (96 * 23) = 437$

- Ans 1. -, ×, +, ÷, +
 2. ÷, -, ×, +, -
 3. +, ×, -, ÷, -
 4. ×, +, ÷, -, +

Question ID : 65497817750
Chosen Option : 4

Q.10 In the Venn diagram shown below, the relationship between which options is correctly represented?



- Ans**
- 1. Carrots, Food, Dressing Table
 - 2. Polygons, Quadrilateral, Circles
 - 3. Furniture, Chairs, Tables
 - 4. Birds, Dogs, Peacocks

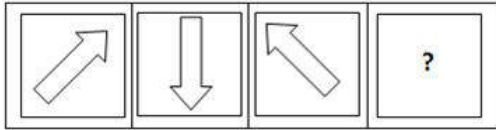
Question ID : 65497817773
Chosen Option : 3

Q.11 In a certain code language, if DOUBLE is written as FRYGRL, then how will METHYL be written in the same code language?

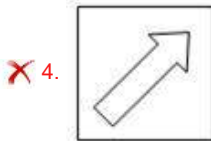
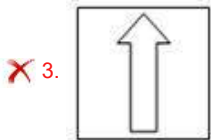
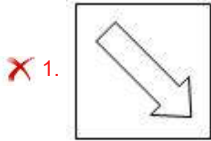
- Ans**
- 1. GRXFQJ
 - 2. OHXMES
 - 3. GRXEOH
 - 4. FQYFRK

Question ID : 65497817755
Chosen Option : 2

Q.12 Select the figure that will replace the question mark (?) in the following figure series.



Ans



Question ID : 65497817768
Chosen Option : 2

Q.13 Select the correct alternative to indicate the sequential order of the following names (geographical location).

1. Maharashtra
2. Rajasthan
3. Karnataka
4. Gujarat
5. Kerala

Ans ✗ 1. 5-1-3-4-2

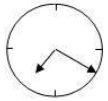
✓ 2. 5-3-1-4-2

✗ 3. 4-1-2-5-3

✗ 4. 3-5-4-1-2

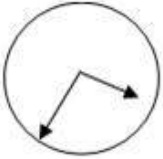
Question ID : 65497817767
Chosen Option : 2

Q.14 Select the correct mirror image of the given figure when the mirror is placed to the right side of the figure.

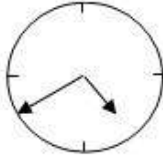


Ans

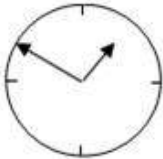
1.



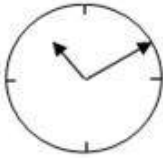
2.



3.



4.



Question ID : 65497817771
Chosen Option : 2

Q.15 Six persons are sitting around a circular table facing the centre. W is to the immediate left of X, who is sitting opposite Y. If V is second to the left of Y and exactly opposite U, what is the sitting location of Z?

Ans 1. Right of V

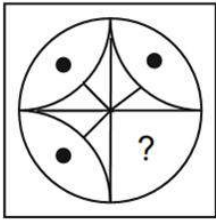
2. Right of Y

3. Opposite to X

4. Left of V

Question ID : 65497817766
Chosen Option : 1

Q.16 Select the option that can replace the question mark (?) in the figure given below to complete the pattern.

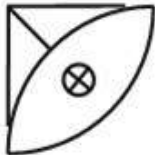


Ans

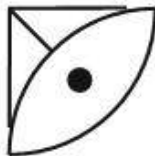
1.



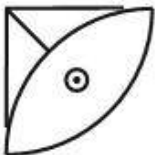
2.



3.



4.



Question ID : 65497817769
Chosen Option : 3

Q.17 When I was going to office from my house, early morning, my shadow was formed on my left hand side. In which direction is my house from the office?

Ans 1. North-west

2. North

3. South

4. East

Question ID : 65497817765
Chosen Option : 3

Q.18 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.

CUSTOMER : YQWXKIIV :: COMMERCIAL : ?

- Ans 1. YKQQANGMWH
 2. GSQQIVGMEP
 3. YKIIANYEWH
 4. GSIIEREWEP

Question ID : 65497817759
Chosen Option : --

Q.19 Which number will replace the question mark (?) in the following number series?

23, 19, 17, 13, ?

- Ans 1. 11
 2. 5
 3. 7
 4. 9

Question ID : 65497817753
Chosen Option : 1

Q.20 Two statements are given, followed by two conclusions numbered I and II. 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:
No Book is a Stone.
Some Stones are Soft.

Conclusions:
I. No Book is Soft.
II. Some Books are Soft.

- Ans 1. Only conclusion I follows.
 2. Both conclusions I and II follow.
 3. Neither conclusion I nor II follows.
 4. Only conclusion II follows.

Question ID : 65497817764
Chosen Option : 1

Q.21 In a certain code language, if GLADIATOR is written as TROLIGDAA, then how will SKILLFUL be written in the same code language?

- Ans 1. ULLFILSK
 2. LUFLLIKS
 3. USLLLKIF
 4. FIKLLLSU

Question ID : 65497817756
Chosen Option : 3

Q.22 'Hectare' is related to 'Area' in the same way as 'Pascal' is related to '_____'.
Ans

- 1. Capacity
- 2. Temperature
- 3. Pressure
- 4. Energy

Question ID : 65497817761
Chosen Option : 3

Q.23 If in a certain code language, TICKBOX is coded as 106 and RELEASE is coded as 125, then how will PACKAGE be coded in the same code language?
Ans

- 1. 44
- 2. 146
- 3. 145
- 4. 45

Question ID : 65497817757
Chosen Option : 2

Q.24 If in a certain code language, NOTECARD is coded as 56253194, and OPENMIND is coded as 67554954, then how will HARDCORE be coded in the same code language?
Ans

- 1. 91843165
- 2. 81843585
- 3. 81143115
- 4. 81943695

Question ID : 65497817758
Chosen Option : 4

Q.25 Which two signs can be interchanged so as to balance the given equation?

$$72 \div 36 + 12 \times 13 - 48 = 63$$

- Ans
- 1. \times and \div
 - 2. $+$ and $-$
 - 3. $+$ and \div
 - 4. \times and $-$

Question ID : 65497817749
Chosen Option : 3

Section : Numerical Aptitude

Q.1 A sum of money doubled itself at certain rate of compound interest in 15 years. In how many years will it become four times of itself?

- Ans**
- 1. 45
 - 2. 30
 - 3. 25
 - 4. 15

Question ID : 65497816676
Chosen Option : 2

Q.2 If the length of a rectangle is increased by 80%, what would be the percentage decrease (correct to one place of decimal) in the width to maintain the same area?

- Ans**
- 1. 44.4%
 - 2. 42.5%
 - 3. 40.2%
 - 4. 43.5%

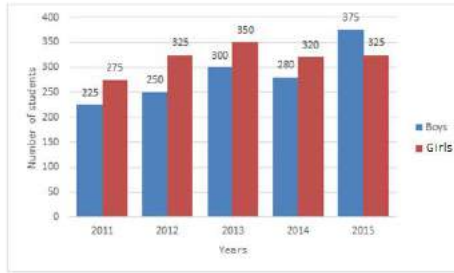
Question ID : 65497816680
Chosen Option : 1

Q.3 A sum of money is distributed among P, Q, R and S in the ratio 3 : 4 : 5 : 6, respectively. If R gets ₹500 more than Q, then the sum of all their shares (in ₹) is:

- Ans**
- 1. 8,000
 - 2. 9,000
 - 3. 7,500
 - 4. 6,000

Question ID : 65497816674
Chosen Option : 2

Q.4 Study the following graph that shows the number of boys and girls who appeared for the Class X examination in a school XYZ, in different years.



What is the ratio of the total number of boys who appeared for the Class X examination in 2012 and 2013 to that of girls who appeared in 2012 and 2015?

- Ans**
- 1. 11 : 15
 - 2. 11 : 13
 - 3. 15 : 11
 - 4. 13 : 11

Question ID : 65497816685
Chosen Option : 2

Q.5 A car travels a distance of x km at a speed of $5\frac{5}{9}$ m/sec and returns at 5 m/sec to the starting point. If the total time taken by the car is $7\frac{3}{5}$ hours then the value of x (in km) is:

- Ans**
- 1. 78
 - 2. 72
 - 3. 80
 - 4. 66

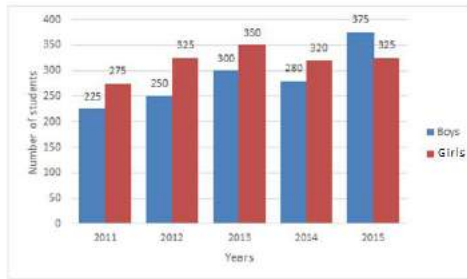
Question ID : 65497816666
Chosen Option : 2

Q.6 There are three positive numbers. If the average of any two of them is added to the third number, the resulting sums are 154, 148 and 132. The average of the original three numbers is:

- Ans**
- 1. $75\frac{1}{3}$
 - 2. $72\frac{1}{3}$
 - 3. $70\frac{1}{3}$
 - 4. $76\frac{1}{3}$

Question ID : 65497816667
Chosen Option : 2

Q.7 Study the following graph that shows the number of boys and girls who appeared for the Class X examination in a school XYZ, in different years.



The average of the number of boys who appeared in 2011, 2013 and 2015 is what percentage less than the number of girls who appeared in 2012 (correct to one decimal place)?

- Ans**
- 1. 8.1%
 - 2. 8.5%
 - 3. 6.9%
 - 4. 7.7%

Question ID : 65497816687

Chosen Option : 4

Q.8 'A' can complete a work in 15 days and 'B' can complete the same work in 20 days. Working together, in how many days, will they complete 35% of the same work?

- Ans**
- 1. 5
 - 2. 3
 - 3. 6
 - 4. 7

Question ID : 65497816663

Chosen Option : 2

Q.9 If the variance of 5 values is 0.81, then what is its standard deviation?

- Ans**
- 1. 0.09
 - 2. 0.9
 - 3. 2.7
 - 4. 0.27

Question ID : 65497816678

Chosen Option : 2

Q.10 The ratio of the speeds of two trains is 5 : 8. If the second train runs 400 km in 4 hours, then the speed of the first train (in km/h) is:

- Ans 1. 37
 2. 62.5
 3. 12.5
 4. 25

Question ID : 65497816665
Chosen Option : 2

Q.11 The marked price of an article is ₹4,450. If a person earns a profit of 15% after allowing a discount of 15%, then the cost price (in ₹) (correct to the nearest integer) of the article is:

- Ans 1. 3,289
 2. 3,378
 3. 3,189
 4. 3,498

Question ID : 65497816669
Chosen Option : 1

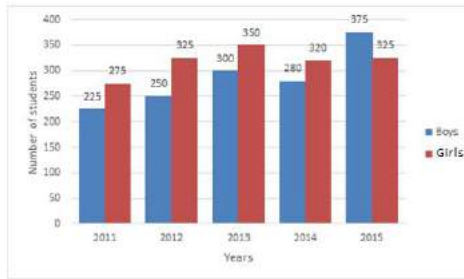
Q.12

What is the simplified value of $\left[\left(3 - \frac{2}{1 + \frac{1}{4 + \frac{2}{3}}} \right) \text{ of } 1 \frac{13}{21} \div 3 \frac{2}{7} \right] - \frac{1}{3} \times \frac{9}{10}$?

- Ans 1. 1
 2. 2
 3. $\frac{1}{5}$
 4. $\frac{3}{10}$

Question ID : 65497817593
Chosen Option : 4

Q.13 Study the following graph that shows the number of boys and girls who appeared for the Class X examination in a school XYZ, in different years.



The total number of girls who appeared in 2012, 2013 and 2015 is what percentage less than the total number of boys who appeared in all the five years (correct to one decimal place)?

- Ans
- 1. 32.6%
 - 2. 33.3%
 - 3. 29.7%
 - 4. 30.1%

Question ID : 65497816686

Chosen Option : 4

Q.14 If the HCF of two numbers is 12 and LCM of the same two numbers is 48, then the square root of the product of these numbers is:

- Ans
- 1. 16
 - 2. 24
 - 3. 48
 - 4. 12

Question ID : 65497816682

Chosen Option : 2

Q.15 The ratio of boys and girls in a school is 35 : 39. If the average of boys and girls in the school is 740, then the number of girls in the school is:

- Ans
- 1. 780
 - 2. 740
 - 3. 700
 - 4. 720

Question ID : 65497816673

Chosen Option : 1

Q.16 The value of $500 \div \frac{3}{8} \text{ of } \frac{2}{3} \div \left[\frac{5}{3} \text{ of } 300 + 7\frac{1}{2} \div 5\frac{1}{2} \times 1100 \right]$ is:

- Ans
- 1. 5
 - 2. 10
 - 3. 4
 - 4. 1

Question ID : 65497815471
Chosen Option : 4

Q.17 When an article is sold for ₹388, there is a loss of 3%. What is the selling price (in ₹) of the article, if it is sold at a gain of 8%?

- Ans
- 1. 412
 - 2. 444
 - 3. 432
 - 4. 460

Question ID : 65497816671
Chosen Option : 3

Q.18 If the radius of a circle is increased by 19%, then by what percentage will its area increase?

- Ans
- 1. 27.89%
 - 2. 32.85%
 - 3. 11.91%
 - 4. 41.61%

Question ID : 65497816679
Chosen Option : 4

Q.19 When x is subtracted from each of 21, 22, 60 and 64, the numbers so obtained in this order, are in proportion, what is the mean proportional between $(x-2)$ and $(2x+8)$?

- Ans
- 1. 16
 - 2. 12
 - 3. 10
 - 4. 14

Question ID : 65497816675
Chosen Option : 2

Q.20 In a constituency, 60% of the voters are males and the rest are females. 40% of the males are illiterates and 25% of females are literates. By what percentage is the number of literate males more than that of illiterate females?

- Ans
- 1. 20%
 - 2. 17.5%
 - 3. 25%
 - 4. 22.5%

Question ID : 65497816670
Chosen Option : 1

Q.21 If the annual rate of simple interest increased from 8% to $12\frac{1}{2}\%$, a person's yearly income increased by ₹459. The principal amount (in ₹) is:

- Ans
- 1. 8,200
 - 2. 12,500
 - 3. 10,200
 - 4. 11,250

Question ID : 65497816677
Chosen Option : 3

Q.22 'A' can complete the 60% of the work in 9 days, while 'B' can complete the work in $7\frac{1}{2}$ days. If they work together, then in how many days will the work be completed?

- Ans
- 1. 7
 - 2. 6
 - 3. 5
 - 4. 4

Question ID : 65497816664
Chosen Option : 3

Q.23 An open tank is 25 m long, 12 m wide and 6 m deep. The cost (in ₹) of plastering its walls and bottom from the inside at ₹15 per m^2 is:

- Ans
- 1. 11,160
 - 2. 12,500
 - 3. 13,275
 - 4. 10,800

Question ID : 65497816681
Chosen Option : 1

Q.24 The sum of the cost price of two bikes is ₹50,000. The first bike was sold at a profit of 20%, and the second bike at a loss of 20%. If the selling prices are the same, what is the cost price (in ₹) of the first bike that was sold?

- Ans
- 1. 20,000
 - 2. 25,000
 - 3. 30,000
 - 4. 27,500

Question ID : 65497816672
Chosen Option : 1

Q.25 The total number of students in class A and B is 72. The number of students in A is 40% more than that in B. The average marks of students in B are 50% more than that of students in A. If the average marks of all the students in A and B are 58, then what are the average marks of students in B?

- Ans
- 1. 72
 - 2. 58
 - 3. 50
 - 4. 48

Question ID : 65497816668
Chosen Option : 1

Section : General Awareness

Q.1 Which water treaty has been signed between India and Pakistan in the year 1960?

- Ans
- 1. Chenab
 - 2. Beas
 - 3. Indus
 - 4. Jhelum

Question ID : 65497817709
Chosen Option : 3

Q.2 What is the melting point of ice at the sea-level at normal atmospheric pressure and at 45 degree latitude?

- Ans
- 1. 256.14 K
 - 2. 273.16 K
 - 3. 245.18 K
 - 4. 222.14 K

Question ID : 65497817714
Chosen Option : 2

Q.3 Which cricket team did India defeat in the finals of Men's Cricket World Cup 1983?

- Ans 1. Australia
 2. West Indies
 3. Pakistan
 4. England

Question ID : 65497817702
Chosen Option : 2

Q.4 Who among the following is regarded as the founder of Aurangabad city?

- Ans 1. Nizam Shah
 2. Qutub Shah
 3. Bahloul Lodi
 4. Malik Ambar

Question ID : 65497817722
Chosen Option : --

Q.5 Cinnabar is the ore of which of the following metals?

- Ans 1. Gold
 2. Mercury
 3. Platinum
 4. Gallium

Question ID : 65497817715
Chosen Option : 2

Q.6 Who among the following is the author of the book 'Imaginary Homelands'?

- Ans 1. Salman Rushdie
 2. Khushwant Singh
 3. Ruskin Bond
 4. Arvind Adiga

Question ID : 65497817704
Chosen Option : 1

Q.7 'Ponu Yoksi', a sword like instrument used during ceremonial dances performed by the priests, belongs to:

- Ans 1. Himachal Pradesh
 2. Madhya Pradesh
 3. Uttar Pradesh
 4. Arunachal Pradesh

Question ID : 65497817699
Chosen Option : 4

Q.8 Who among the following was the Chairperson of the Disinvestment Commission, Ministry of Industry (Department of Public Enterprises) established in 1996?

- Ans 1. Arundhati Roy
 2. NK Singh
 3. Arvind Mehta
 4. GV Ramakrishna

Question ID : 65497817708
Chosen Option : --

Q.9 Identify the city which is situated on the banks of the river Sarayu.

- Ans 1. Ayodhya
 2. Bhopal
 3. Kanpur
 4. Haridwar

Question ID : 65497817718
Chosen Option : 1

Q.10 'Balchão' and 'Sorpotel' are the traditional culinary dishes of:

- Ans 1. Karnataka
 2. Uttarakhand
 3. Goa
 4. Punjab

Question ID : 65497817700
Chosen Option : --

Q.11 'Bagurumba' is a _____ of the Bodo Community in Assam.

- Ans 1. local sport
 2. folk dance
 3. painting style
 4. ceremonial procession

Question ID : 65497817698
Chosen Option : 2

Q.12 In the Lok Sabha, discussion under which rule of the Constitution of India does not involve a formal motion before the House?

- Ans 1. Rule 123
 2. Rule 193
 3. Rule 146
 4. Rule 157

Question ID : 65497817711
Chosen Option : --

Q.13 In which year did India become a signatory to the CITES (Convention on International Trade in Endangered Species on Wild Fauna and Flora)?

- Ans 1. 1980
 2. 1983
 3. 1976
 4. 1975

Question ID : 65497817717
Chosen Option : --

Q.14 In which Indian state will you find the river Muhuri?

- Ans 1. Punjab
 2. Madhya Pradesh
 3. Uttar Pradesh
 4. Tripura

Question ID : 65497817719
Chosen Option : --

Q.15 With whom is the 'Patharughat Uprising' associated?

- Ans 1. Lawyers' uprising
 2. Soldiers' uprising
 3. Teachers' uprising
 4. Peasants' uprising

Question ID : 65497817720
Chosen Option : --

Q.16 Which one of the following is a ruminant animal?

- Ans 1. Horse
 2. Donkey
 3. Hen
 4. Cow

Question ID : 65497817712
Chosen Option : --

Q.17 Identify the alloy among the following of which lead is a component.

- Ans 1. Alnico
 2. Solder
 3. Nickel
 4. Constantan

Question ID : 65497817713
Chosen Option : --

Q.18 Who among the following is an ace pistol shooter?

- Ans 1. Saurabh Chaudhary
 2. Pankaj Advani
 3. Sandeep Chaudhary
 4. Amit Panghal

Question ID : 65497817701
Chosen Option : 1

Q.19 Which Indian artist has received the Jackson Pollock Fellowship, instituted by the Pollock Krasner Foundation, for the second time in the year 2019?

- Ans 1. Pradeep Puthoor
 2. Anish Kapoor
 3. Neeraj Gupta
 4. Rupesh Patric

Question ID : 65497817705
Chosen Option : --

Q.20 Which Indian Prime Minister took a bus journey to Lahore to sign a peace declaration in the year 1999?

- Ans 1. Atal Bihari Vajpayee
 2. IK Gujaral
 3. PV Narsimha Rao
 4. HD Deve Gowda

Question ID : 65497817710
Chosen Option : 1

Q.21 Which country among the following is the second largest producer of agricultural products as per February 2019?

- Ans 1. China
 2. France
 3. Russia
 4. India

Question ID : 65497818111
Chosen Option : 4

Q.22 What is India's rank on the World Economic Forum's Global Competitiveness Index of 141 countries for the year 2019?

- Ans 1. 68th
 2. 50th
 3. 60th
 4. 58th

Question ID : 65497815989
Chosen Option : 4

Q.23 Which of the following is used as a preservative?

- Ans 1. Magnesium Silicate
 2. Sodium Palmitate
 3. Dipropylene Glycol
 4. Sodium Chloride

Question ID : **65497817716**

Chosen Option : --

Q.24 Who among the following was the founder of the Suryavamsi Gajapati dynasty that ruled parts of Orissa and Andhra Pradesh in the 15th century?

- Ans 1. Bhanu Deva
 2. Vasu Deva
 3. Surendra Deva
 4. Kapilendra Deva

Question ID : **65497817721**

Chosen Option : --

Q.25 Who is the author of the book 'The End of Imagination'?

- Ans 1. Sudha Murty
 2. Arundhati Roy
 3. Kiran Desai
 4. Jhumpa Lahiri

Question ID : **65497817703**

Chosen Option : --

Multi Tasking Non Technical Staff Examination 2020

Participant ID	
Participant Name	
Test Center Name	iON Digital Zone iDZ Kottayam
Test Date	26/10/2021
Test Time :	12:30 PM - 2:00 PM
Subject	MTS Non Technical 2020

Section : **General English**

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

LUCID

- Ans 1. Lucky
 2. Timely
 3. Clear
 4. Happy

Question ID : **65497814204**
Chosen Option : **3**

Q.2 Select the INCORRECTLY spelt word.

- Ans 1. Clever
 2. Graphic
 3. Particlar
 4. Instant

Question ID : **65497814210**
Chosen Option : **3**

Q.3 Select the most appropriate ANTONYM of the given word.

ENTIRE

- Ans 1. Equal
 2. Absolute
 3. Complete
 4. Partial

Question ID : **65497814202**
Chosen Option : **4**

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

Indelible mark on the skin made by inserting pigment into the skin

- Ans
- 1. Etch
 - 2. Tattoo
 - 3. Sketch
 - 4. Drawing

Question ID : 65497814209
Chosen Option : 2

Q.5 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'.

She had grown too thin which she looked like a scarecrow.

- Ans
- 1. very thin that
 - 2. too thin or
 - 3. so thin that
 - 4. No substitution required

Question ID : 65497816322
Chosen Option : 4

Q.6 Select the most appropriate meaning of the given idiom.

Bull's-eye

- Ans
- 1. Something that is the centre of a target
 - 2. Something that is glassy-looking
 - 3. Something that scares people
 - 4. Something that is round

Question ID : 65497814206
Chosen Option : 1

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'.

During the fight the wise man walked away without arguing.

- Ans
- 1. walk away
 - 2. No substitution required
 - 3. walk over
 - 4. walking about

Question ID : 65497814199
Chosen Option : 2

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

This is _____ a lovely smart phone. Did you pay a lot for it?

- Ans 1. such
 2. much
 3. what
 4. so

Question ID : 65497814192
Chosen Option : 1

Q.9 Select the most appropriate ANTONYM of the given word.

CLASSIC

- Ans 1. Traditional
 2. Expensive
 3. Atypical
 4. Usual

Question ID : 65497814203
Chosen Option : 4

Q.10 Select the most appropriate option to fill in the blank.

There was a narrow staircase _____ up to the roof.

- Ans 1. leading
 2. leaving
 3. looking
 4. lasting

Question ID : 65497814212
Chosen Option : 1

Q.11 Select the most appropriate meaning of the given idiom.

Off-colour

- Ans 1. Feeling slightly ill
 2. Not able to appreciate art
 3. Wearing dull-coloured clothes
 4. Not well-dressed

Question ID : 65497814207
Chosen Option : 3

Q.12 Select the INCORRECTLY spelt word.

- Ans 1. Partial
 2. Natural
 3. Dilema
 4. Impression

Question ID : 65497814211
Chosen Option : 3

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'.

The shopkeeper checked all the items before packing it in the bag.

- Ans 1. No substitution required
 2. packing them
 3. packing his
 4. packing those

Question ID : 65497814200
Chosen Option : 2

Q.14 Select the most appropriate option to fill in the blank.

Penguins are black and white sea birds that live almost _____ in the cold southern hemisphere.

- Ans 1. exclusively
 2. pleasingly
 3. realistically
 4. ordinarily

Question ID : 65497814213
Chosen Option : 1

Q.15 Identify the segment in the sentence which contains a grammatical error.

This is the place here Sudhir found the wallet full of money.

- Ans 1. This is the place
 2. here Sudhir
 3. found the wallet
 4. full of money

Question ID : 65497814188
Chosen Option : 2

Q.16 Identify the segment in the sentence which contains a grammatical error.

Although we took all precautions but we were unable to avoid getting caught in the heavy rain.

- Ans
- 1. we were unable
 - 2. Although we took all precautions but
 - 3. to avoid getting caught
 - 4. in the heavy rain

Question ID : 65497814190
Chosen Option : 2

Q.17 Identify the segment in the sentence which contains a grammatical error.

Saturn is the sixth planet from the sun and it is the second large in our solar system.

- Ans
- 1. Saturn is the sixth planet
 - 2. from the sun and
 - 3. it is the second large
 - 4. in our solar system

Question ID : 65497814189
Chosen Option : 3

Q.18 Select the most appropriate option to fill in the blank.

The children discovered a box full of old photographs and _____ several hours looking through them.

- Ans
- 1. spent
 - 2. spending
 - 3. spends
 - 4. spend

Question ID : 65497814191
Chosen Option : 1

Q.19 Select the most appropriate one-word substitution for the given group of words.

A person who attacks and robs ships at sea

- Ans
- 1. Pirate
 - 2. Crook
 - 3. Burglar
 - 4. Pilot

Question ID : 65497814208
Chosen Option : 3

Q.20 Select the most appropriate synonym of the given word.

DUCT

- Ans 1. Bend
 2. Bird
 3. Wall
 4. Canal

Question ID : 65497814205
Chosen Option : 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.

For many years now the governments have been promising (1)_____ eradication of child labour in hazardous industries in India. But the truth (2)_____ that despite all the rhetoric no government (3)_____ far has succeeded in eradicating this evil, (4)_____ has any been able to ensure compulsory primary education (5)_____ every Indian child.

SubQuestion No : 21

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

- Ans 1. the
 2. some
 3. few
 4. an

Question ID : 65497814194
Chosen Option : 1

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.

For many years now the governments have been promising (1)_____ eradication of child labour in hazardous industries in India. But the truth (2)_____ that despite all the rhetoric no government (3)_____ far has succeeded in eradicating this evil, (4)_____ has any been able to ensure compulsory primary education (5)_____ every Indian child.

SubQuestion No : 22

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

- Ans 1. were
 2. are
 3. was
 4. is

Question ID : 65497814195
Chosen Option : 3

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.

For many years now the governments have been promising (1)_____ eradication of child labour in hazardous industries in India. But the truth (2)_____ that despite all the rhetoric no government (3)_____ far has succeeded in eradicating this evil, (4)_____ has any been able to ensure compulsory primary education (5)_____ every Indian child.

SubQuestion No : 23

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

- Ans 1. there
 2. till
 3. here
 4. so

Question ID : 65497814196
Chosen Option : 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.

For many years now the governments have been promising (1)_____ eradication of child labour in hazardous industries in India. But the truth (2)_____ that despite all the rhetoric no government (3)_____ far has succeeded in eradicating this evil, (4)_____ has any been able to ensure compulsory primary education (5)_____ every Indian child.

SubQuestion No : 24

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

- Ans 1. but
 2. nor
 3. neither
 4. either

Question ID : 65497814197
Chosen Option : 2

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.

For many years now the governments have been promising (1)_____ eradication of child labour in hazardous industries in India. But the truth (2)_____ that despite all the rhetoric no government (3)_____ far has succeeded in eradicating this evil, (4)_____ has any been able to ensure compulsory primary education (5)_____ every Indian child.

SubQuestion No : 25

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

- Ans 1. for
 2. from
 3. at
 4. with

Question ID : 65497814198
Chosen Option : 1

Q.5 In a certain code language, BASKET is written as SFJTZC. How will FATHER be written in that language?

- Ans
- 1. QFTGYG
 - 2. GZUFGQ
 - 3. SDISBH
 - 4. QFGUZG

Question ID : 65497818260
Chosen Option : 4

Q.6 Eight houses, A, B, C, D, E, F, G and H, are in two parallel rows, I and II, with 4 houses in each row. The houses in each row are at equal distances. The four houses in row-I are facing north, and are facing the four houses in row-II.

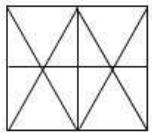
B in row-I faces F and is not at an extreme end.
H is adjacent to F and is facing D.
C and E are diagonally opposite.
E is facing A, which is adjacent to H.

Which of the following statements is true?

- Ans
- 1. B and E are adjacent to each other.
 - 2. A is the second house to the left of G.
 - 3. G is at an extreme end and is facing north.
 - 4. H is between C and G.

Question ID : 65497818271
Chosen Option : 3

Q.7 Select the option that is embedded in the given figure (rotation is NOT allowed).

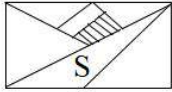


Ans

- 1.
- 2.
- 3.
- 4.

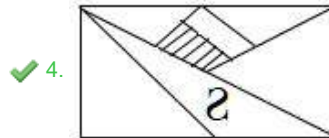
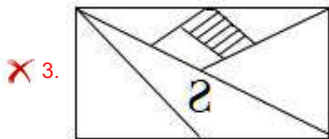
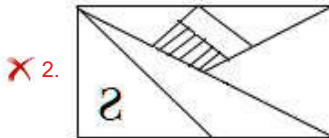
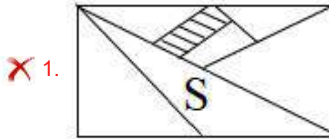
Question ID : 65497818275
Chosen Option : 4

Q.8 Select the correct mirror image of figure (X) when the mirror is placed at the right side of the figure.



(X)

Ans



Question ID : 65497818276

Chosen Option : 4

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.

BJDHF : QYSWU :: AICGE : ?

Ans 1. SZUYW

2. RZSUW

3. RZTXV

4. RYTWV

Question ID : 65497818264

Chosen Option : --

Q.10 Select the option in which the numbers are related in the same way as are the numbers of the following set.

{91, 143, 221}

Ans 1. {119, 197, 289}

2. {84, 132, 204}

3. {112, 168, 262}

4. {56, 78, 136}

Question ID : 65497818257

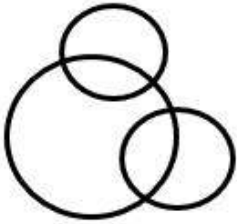
Chosen Option : --

Q.11 Select the Venn diagram that best illustrates the relationship between the following classes.

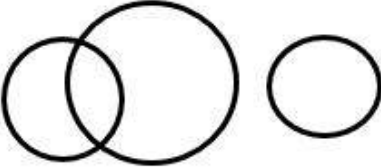
Doctors, Lawyers, Rich persons

Ans

✓ 1.



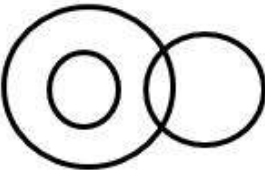
✗ 2.



✗ 3.



✗ 4.



Question ID : 65497818278
Chosen Option : 1

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

Statements:

Some villagers are farmers.

All businessmen are farmers.

Some city dwellers are businessmen.

Conclusions:

I. Some businessmen being villagers is a possibility.

II. Some villagers are city dwellers.

III. Some city dwellers are farmers.

Ans ✓ 1. Only conclusions I and III follow

✗ 2. All conclusions I, II and III follow

✗ 3. Only conclusions II and III follow

✗ 4. Only conclusions I and II follow

Question ID : 65497818269
Chosen Option : 1

Q.13 In a certain code language, MEAT is coded as 11 and BARE is coded as 14. How will FACTOR be coded in that language?

- Ans 1. 15
 2. 19
 3. 13
 4. 23

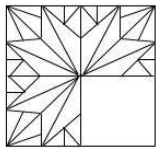
Question ID : 65497818262
Chosen Option : --

Q.14 'Prudent' is related to 'Cautious' in the same way as 'Excellent' is related to ' _____ '.

- Ans 1. Original
 2. Singular
 3. Intelligent
 4. Fabulous

Question ID : 65497818266
Chosen Option : 4

Q.15 Select the figure from the options that when placed in the blank space of figure (X) will complete the pattern.



(X)

- Ans 1.
- 2.
- 3.
- 4.

Question ID : 65497818274
Chosen Option : 1

Q.16 Select the number from among the given options that can replace the question mark (?) in the following series.

2, 5, 9, 16, 27, ?, 74

Ans 1. 43

2. 45

3. 48

4. 39

Question ID : 65497818259

Chosen Option : --

Q.17 Six persons appeared for an examination. Nripesh scored more than Manasi and Anshika, but less than Leena. Only two persons scored more than Nripesh. Sambit scored less than Nagen, but not the lowest marks. Only two persons scored less than Manasi.

Which of the following statements is definitely FALSE?

Ans 1. Sambit scored more marks than Manasi.

2. Nagen scored more marks than Nripesh.

3. Anshika scored the lowest marks.

4. Leena scored the second highest marks.

Question ID : 65497818272

Chosen Option : 1

Q.18 Which two signs should be interchanged to make the given equation correct?

$$15 + 5 - 10 \times 8 \div 4 = 15$$

Ans 1. + and ×

2. × and –

3. ÷ and +

4. ÷ and –

Question ID : 65497818255

Chosen Option : 4

Q.19 In a certain code language, CONVENTION is written as CNOUFOINO. How will RESPONDENT be written in that language?

Ans 1. ERSQPOEENT

2. RSEQNOCTNE

3. ERSQPEONET

4. SEROPDNETN

Question ID : 65497818261

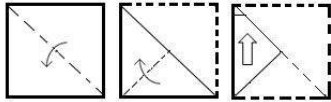
Chosen Option : --

Q.20 In a certain code language, BREAK is coded as 42 and PEAR is coded as 44. How will LEADER be coded in that language?

- Ans
- 1. 47
 - 2. 51
 - 3. 43
 - 4. 56

Question ID : 65497818263
Chosen Option : 2

Q.21 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

- 1.
- 2.
- 3.
- 4.

Question ID : 65497818277
Chosen Option : 1

Q.22 Thirty-six persons are sitting in a row facing north. Jatin is exactly in the middle of Harish and Shovan. After Harish and Shovan interchange their positions, Harish becomes 10th from the left end and Shovan becomes 13th from the right end.

What is Jatin's position from the right end?

- Ans
- 1. 20th
 - 2. 22nd
 - 3. 19th
 - 4. 17th

Question ID : 65497818270
Chosen Option : 1

Q.23 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 crocodiles are aquatic animals.
Some crocodiles are alligators.

Conclusions:

- I. Some alligators are aquatic animals.
- II. All alligators are aquatic animals.
- III. Some aquatic animals are alligators.

- Ans**
- 1. Only conclusion I follows
 - 2. Only conclusions I and III follow
 - 3. Either conclusion I or II follows
 - 4. Only conclusions II and III follow

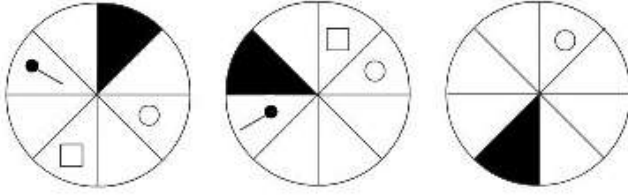
Question ID : **65497818268**
Chosen Option : **2**

Q.24 If the signs '+' and '-' are interchanged, which of the following equations would be correct?

- Ans**
- 1. $10 - 6 \times 2 + 12 = 8$
 - 2. $6 \times 4 + 6 - 4 = 18$
 - 3. $8 - 4 \times 4 + 12 = 12$
 - 4. $12 \div 6 + 6 - 12 = 9$

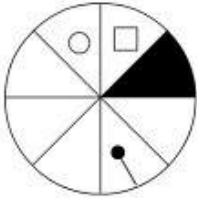
Question ID : **65497818254**
Chosen Option : **3**

Q.25 Select the option that will come next in the following figure series.

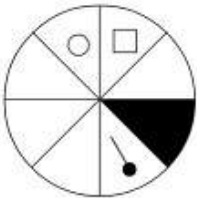


Ans

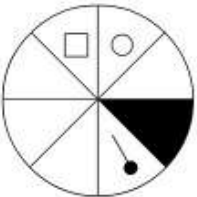
✗ 1.



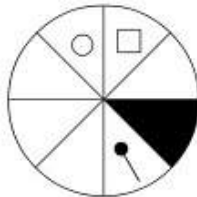
✗ 2.



✗ 3.



✓ 4.



Question ID : 65497818273
Chosen Option : 4

Section : Numerical Aptitude

Q.1 The value of $18 - [6 - \{13 - (78 - 8 \div 2 \times 5 \text{ of } 3)\}]$ is:

Ans ✗ 1. 12

✓ 2. 7

✗ 3. 8

✗ 4. 16

Question ID : 65497814745
Chosen Option : 2

Q.2 The value of $1\frac{1}{8} \div 1\frac{4}{5}$ of $\left[3\frac{1}{4} - \left(\frac{14}{25} + \frac{2}{5} \times 2\frac{4}{5} \div \frac{5}{3}\right) \text{ of } \frac{7}{15}\right]$ is:

- Ans
- 1. 1
 - 2. $\frac{1}{2}$
 - 3. $\frac{1}{5}$
 - 4. $\frac{3}{25}$

Question ID : 65497814746
Chosen Option : 2

Q.3 A bus covers a certain distance in 1 hour 30 minutes at a speed of $11\frac{1}{9}$ m/sec. A car covers the same distance in 36 minutes. What is the ratio of the speeds of the bus and car?

- Ans
- 1. 2 : 3
 - 2. 2 : 5
 - 3. 1 : 2
 - 4. 3 : 7

Question ID : 65497814761
Chosen Option : 2

Q.4 The radius of a solid lead sphere is 2 cm. 2541 such spheres are melted and recast into a cube of edge x cm. The value of x is (take $\pi = \frac{22}{7}$):

- Ans
- 1. 44
 - 2. 22
 - 3. 66
 - 4. 33

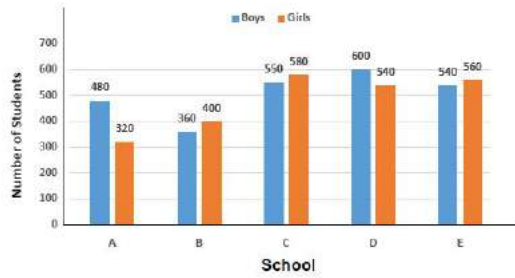
Question ID : 65497814462
Chosen Option : 1

Q.5 The value of $\frac{1}{5} \div \frac{3}{10}$ of $\frac{4}{9} - \frac{4}{5} \times 1\frac{1}{9} \div \frac{8}{15} - \frac{3}{4} + \frac{3}{4} \div \frac{1}{2}$ is:

- Ans
- 1. $\frac{5}{12}$
 - 2. $\frac{11}{12}$
 - 3. $\frac{1}{12}$
 - 4. $\frac{7}{12}$

Question ID : 65497816683
Chosen Option : 2

Q.6 Study the given bar graph that shows the number of students (boys and girls) in different schools on 1 July 2019 and answer the question that follows.



75% of the total number of boys in schools A and D is what percentage less than the total number of students in school E (correct to one decimal place)?

- Ans**
- 1. 24.4%
 - 2. 35.8%
 - 3. 26.4%
 - 4. 20.6%

Question ID : 65497814768
Chosen Option : 3

Q.7 The ratio of the present incomes of X and Y is 5 : 8 and the ratios of their individual incomes, in the last year and in the present year, are 2 : 3 and 3 : 4, respectively. If their total income for the last year was ₹56,000, then what is the present income of Y?

- Ans**
- 1. ₹48,000
 - 2. ₹36,000
 - 3. ₹40,000
 - 4. ₹30,000

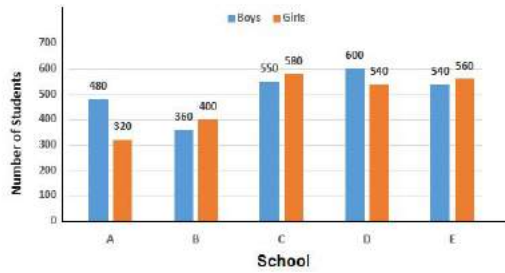
Question ID : 65497814756
Chosen Option : --

Q.8 The area of a triangular field with sides 60 m, 175 m and 185 m is equal to that of a rectangular park whose sides are in the ratio of 21 : 10. The perimeter (in m) of the park is:

- Ans**
- 1. 341
 - 2. 403
 - 3. 372
 - 4. 310

Question ID : 65497814763
Chosen Option : 4

Q.9 Study the given bar graph that shows the number of students (boys and girls) in different schools on 1 July 2019 and answer the question that follows.



If a pie chart is drawn for the data related to the number of girls in the five schools, then the central angle (in degrees) of the sector representing the number of girls in school C will be:

- Ans**
- ✓ 1. 87
 - ✗ 2. 60
 - ✗ 3. 81
 - ✗ 4. 84

Question ID : 65497814767

Chosen Option : 1

Q.10 By selling an article for ₹1,122, there is a loss of 12%. If it is sold for ₹1,224, then what is the profit or loss percentage?

- Ans**
- ✓ 1. Loss, 4%
 - ✗ 2. Loss, 8%
 - ✗ 3. Profit, 4%
 - ✗ 4. Profit, 8%

Question ID : 65497814752

Chosen Option : 1

Q.11 A person travelled a distance of 150 km and then returned to the starting point. The time taken for the outward journey was $2\frac{1}{2}$ hours more than that for the return journey. His speed for the return journey was 10 km/h more than that for the outward journey. His speed for the return journey, in km/h, was:

- Ans**
- ✓ 1. 30
 - ✗ 2. 35
 - ✗ 3. 25
 - ✗ 4. 20

Question ID : 65497814762

Chosen Option : --

Q.12 Twelve years ago, the ratio of the ages of A and B was 12 : 5. Twelve years from now, the ratio of their ages will be 18 : 11. What is the difference between their present ages (in years)?

- Ans 1. 28
 2. 24
 3. 25
 4. 30

Question ID : 65497814755
Chosen Option : --

Q.13 The marked price of an article is 35% above its cost price. After giving a 20% discount on the marked price, it is sold for ₹432. What is the cost price of the article?

- Ans 1. ₹400
 2. ₹380
 3. ₹425
 4. ₹420

Question ID : 65497814749
Chosen Option : 1

Q.14 When x is added to each of 7, 13, 19 and 29, the numbers so obtained in this order are in proportion. What is the mean proportional between $(3x - 8)$ and $(x + 5)$?

- Ans 1. 12
 2. 18
 3. 15
 4. 20

Question ID : 65497814754
Chosen Option : --

Q.15 A sum of ₹ x amounts to ₹6,900 at 5% p.a. in a time in which a sum of ₹9,000 amounts to ₹10,080 at 4% p.a., both at simple interest. The value of x is:

- Ans 1. 6,400
 2. 5,800
 3. 6,000
 4. 6,500

Question ID : 65497814757
Chosen Option : 3

Q.16 A can do 40% of a work in 24 days, and B can do $33\frac{1}{3}\%$ of the same work in 15 days. They work together for 15 days. C alone completes the remaining work in 10 days. A and C together can complete 35% of the same work in:

- Ans**
- 1. 7 days
 - 2. 6 days
 - 3. 8 days
 - 4. 5 days

Question ID : 65497814759
Chosen Option : 2

Q.17 A shopkeeper bought 600 pens. He sold 480 of them for the price he paid for 600 pens, 100 pens at 10% higher rate than that at which he sold 480 pens, and the rest at the cost price. His profit percentage in the transaction is:

- Ans**
- 1. 28.5%
 - 2. 27%
 - 3. 25%
 - 4. 26.25%

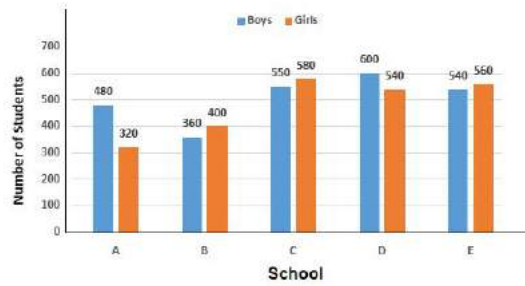
Question ID : 65497814753
Chosen Option : --

Q.18 A sum invested at compound interest amounts to ₹8,000 in 4 years and ₹8,400 in 5 years, interest being compounded yearly. What will be the amount of the same sum at the end of the 6th year?

- Ans**
- 1. ₹8,820
 - 2. ₹9,000
 - 3. ₹8,904
 - 4. ₹8,988

Question ID : 65497814758
Chosen Option : 1

Q.19 Study the given bar graph that shows the number of students (boys and girls) in different schools on 1 July 2019 and answer the question that follows.



In which school is the number of boys 25% more than the average number of girls in all five schools?

- Ans
- 1. A
 - 2. D
 - 3. C
 - 4. E

Question ID : 65497814766
Chosen Option : 2

Q.20 The ratio of the number of boys and girls in a class is 5 : 7. In English, the average score of boys is 48 and the average score of girls is 25% more than that of boys. What is the average score in English of all the boys and girls in the class?

- Ans
- 1. 56
 - 2. 52
 - 3. 55
 - 4. 54

Question ID : 65497814747
Chosen Option : --

Q.21 The average of the 3-digit numbers 372, $2x5$ and $x37$ is 498. What is the average of $(2x + 7)$ and $(5x - 2)$?

- Ans
- 1. 28
 - 2. 30.5
 - 3. 28.5
 - 4. 27

Question ID : 65497814748
Chosen Option : --

Q.22 The height of A is 20% more than that of B, and the height of B is 20% less than that of C. The height of C is 30% more than that of D. If the difference between the heights of C and A is 6.8 cm, then what is the height (in cm) of B?

- Ans
- 1. 136
 - 2. 135
 - 3. 132
 - 4. 140

Question ID : 65497814751
Chosen Option : --

Q.23 X can do a certain work in 40 hours. Y is 25% more efficient than X, and Z is 28% more efficient than Y. Working together, X, Y and Z will complete the same work in:

- Ans
- ✓ 1. $\frac{800}{77}$ hours
 - ✗ 2. $\frac{160}{9}$ hours
 - ✗ 3. $\frac{400}{11}$ hours
 - ✗ 4. $\frac{200}{13}$ hours

Question ID : 65497814760

Chosen Option : --

Q.24 When 5054, 5906 and 7397 are divided by the greatest number x , the remainder in each case is the same. The sum of the digits of x is:

- Ans
- ✗ 1. 11
 - ✓ 2. 6
 - ✗ 3. 9
 - ✗ 4. 5

Question ID : 65497814744

Chosen Option : --

Q.25 What is the mean of the mode and median of the given data?

5, 4, 6, 9, 3, 2, 5, 6, 7, 8, 9, 5, 7, 3

- Ans
- ✗ 1. 5
 - ✓ 2. 5.25
 - ✗ 3. 5.50
 - ✗ 4. 6

Question ID : 65497814750

Chosen Option : --

Section : General Awareness

Q.1 Who was the first Governor-General of British India from 1773 to 1785?

- Ans
- ✗ 1. Sir John Shore
 - ✓ 2. Warren Hastings
 - ✗ 3. Lord Cornwallis
 - ✗ 4. Lord Wellesley

Question ID : 65497815803

Chosen Option : 2

Q.2 Who among the following was chosen as 'TIME' magazine's Person of the Year 2019?

- Ans 1. Malala Yousafzai
 2. Greta Thunberg
 3. Lady Gaga
 4. Kylian Mbappe

Question ID : 65497815784
Chosen Option : 2

Q.3 What is the full form of WPI?

- Ans 1. Wholesale Product Index
 2. Wholesale Price Information
 3. World Product Index
 4. Wholesale Price Index

Question ID : 65497815789
Chosen Option : 4

Q.4 Which of the following pair of authors jointly bagged the 2019 Booker Prize?

- Ans 1. Jerry Craft and Kesha Ajoş Fisher
 2. Valeria Luiselli and Tayari Jones
 3. Margaret Atwood and Bernardine Evaristo
 4. W Caleb McDaniel and Valeria Luiselli

Question ID : 65497815786
Chosen Option : 3

Q.5 Where is the FIFA World Cup 2026 scheduled to be held?

- Ans 1. The US, Canada, Mexico
 2. Germany, Italy, France
 3. North Korea, South Korea, Japan
 4. Australia, New Zealand, Fiji

Question ID : 65497815783
Chosen Option : --

Q.6 In which of the following states is the 'Mathuri' folk dance practiced?

- Ans 1. Telangana
 2. Haryana
 3. Uttarakhand
 4. Uttar Pradesh

Question ID : 65497815780
Chosen Option : --

Q.7 The 'to and fro' or 'back and forth' motion of an object is termed as:

- Ans
- 1. convulsion
 - 2. impulse
 - 3. swing
 - 4. vibration

Question ID : 65497815793
Chosen Option : 3

Q.8 As of July 2020, which Indian cricketer captained India the most number of times in One-Day Internationals?

- Ans
- 1. Kapil Dev
 - 2. Mahendra Singh Dhoni
 - 3. Virat Kohli
 - 4. Sourav Ganguly

Question ID : 65497815782
Chosen Option : 2

Q.9 In the symbol for the electric cell, the thicker, shorter line represents the:

- Ans
- 1. positive terminal
 - 2. ring terminal
 - 3. negative terminal
 - 4. neutral terminal

Question ID : 65497815794
Chosen Option : 3

Q.10 The Caves of Elephanta are predominantly dedicated to which of the following deities?

- Ans
- 1. Lord Shiva
 - 2. Lord Krishna
 - 3. Lord Rama
 - 4. Lord Ganesha

Question ID : 65497815779
Chosen Option : 1

Q.11 With how many States and Union Territories of India does Uttar Pradesh share its borders?

- Ans
- 1. 7
 - 2. 9
 - 3. 10
 - 4. 5

Question ID : 65497815799
Chosen Option : 2

Q.12 An image formed on a screen is called a _____ image, whereas the image formed by a plane mirror is called a _____ image.

- Ans 1. real; virtual
 2. parabolic; perpetual
 3. virtual; real
 4. vector; layered

Question ID : 65497815796
Chosen Option : 1

Q.13 Which of the following statements is correct?

- Ans 1. The minimum age requirement for appointment as Governor is 30 years.
 2. The Governor holds office during the pleasure of the Chief Minister.
 3. The Governor submits his resignation to the Prime Minister.
 4. The Governor is appointed by the President.

Question ID : 65497815791
Chosen Option : 4

Q.14 In animal cells, which of the following are the cell's 'garbage disposal'?

- Ans 1. Vacuoles
 2. Vesicles
 3. Lysosomes
 4. Endoplasmic reticulum

Question ID : 65497815797
Chosen Option : --

Q.15 Who among the following first deciphered the Brahmi script in 1837?

- Ans 1. Dayaram Sahni
 2. Alexander Cunningham
 3. John Marshall
 4. James Prinsep

Question ID : 65497815802
Chosen Option : --

Q.16 Which of the following Articles of the Constitution of India provides the procedure for impeachment of the President?

- Ans 1. Article 61
 2. Article 51
 3. Article 67
 4. Article 52

Question ID : 65497815792
Chosen Option : 1

Q.17 Who among the following was a great advocate of English education in India?

- Ans 1. TB Macaulay
 2. Jonathan Duncan
 3. William Jones
 4. Warren Hastings

Question ID : 65497815781
Chosen Option : 1

Q.18 Who spearheaded the Revolt of 1857 rebellion in Bihar?

- Ans 1. Tatyia Tope
 2. Nana Sahib
 3. Kunwar Singh
 4. Bakht Khan

Question ID : 65497815801
Chosen Option : 3

Q.19 Wildlife Crime Control Bureau (WCCB) is a statutory multi-disciplinary body under the Ministry of Environment, Forest and Climate Change (MoEF&CC). Its headquarters is in:

- Ans 1. New Delhi
 2. Nagpur
 3. Kolkata
 4. Port Blair

Question ID : 65497815800
Chosen Option : --

Q.20 In June 2020, the Union cabinet approved the setting up of Animal Husbandry Infrastructure Development Fund (AHIDF) worth ₹_____ crore.

- Ans 1. 8,000
 2. 10,000
 3. 12,000
 4. 15,000

Question ID : 65497814980
Chosen Option : 2

Q.21 Which of the following is a hill pass located between India and China?

- Ans 1. Khyber Pass
 2. Pangsau Pass
 3. Karakoram Pass
 4. Zojila Pass

Question ID : 65497815798
Chosen Option : 3

Q.22 Who among the following became the acting Prime Minister of India after the death of Jawaharlal Nehru?

- Ans 1. Gulzarilal Nanda
 2. Morarji Desai
 3. Indira Gandhi
 4. Zakir Hussain

Question ID : 65497815790
Chosen Option : 1

Q.23 What is the percentage of Foreign Direct Investment (FDI) allowed by the Department for Promotion of Industry and Internal Trade (DPIIT) in India for the Insurance Intermediaries as on July 2020?

- Ans 1. 30%
 2. 50%
 3. 49%
 4. 100%

Question ID : 65497817201
Chosen Option : --

Q.24 A type of asexual reproduction in which new plants are produced from roots, stems, leaves and buds are known as:

- Ans 1. layering propagation
 2. grafting propagation
 3. budding propagation
 4. vegetative propagation

Question ID : 65497815795
Chosen Option : 4

Q.25 Manoj Das, the recipient of Padma Bhushan 2020, has received the award in the domain of:

- Ans 1. Trade and Industry
 2. Literature and Education
 3. Public Affairs
 4. Art

Question ID : 65497815785
Chosen Option : 4

Multi Tasking Non Technical Staff Examination 2020

Participant ID	
Participant Name	
Test Center Name	iON Digital Zone iDZ 2 Sector 62
Test Date	26/10/2021
Test Time :	4:00 PM - 5:30 PM
Subject	MTS Non Technical 2020

Section : **General English**

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

ACHIEVE

- Ans 1. Confuse
 2. Succeed
 3. Prevent
 4. Avoid

Question ID : **65497814406**
Chosen Option : **2**

Q.2 Select the INCORRECTLY spelt word.

- Ans 1. Indicashun
 2. Advertisement
 3. Weather
 4. Excuse

Question ID : **65497814412**
Chosen Option : **1**

Q.3 Select the most appropriate synonym of the given word.

DETERMINED

- Ans 1. Disillusioned
 2. Resolute
 3. Inspired
 4. Intense

Question ID : **65497814407**
Chosen Option : **2**

Q.4 Select the most appropriate **ANTONYM** of the given word.

DISASTER

- Ans
- 1. Safety
 - 2. Downfall
 - 3. Collapse
 - 4. Success

Question ID : 65497814404
Chosen Option : 1

Q.5 Select the most appropriate option to substitute the underlined segment. If no substitution is required, select 'No substitution required'.

Rohit had hardly stepped into the office than he was summon by his boss.

- Ans
- 1. No substitution required
 - 2. than he is summoned
 - 3. when he was summoned
 - 4. then he were summoned

Question ID : 65497816423
Chosen Option : 3

Q.6 Select the **INCORRECTLY** spelt word.

- Ans
- 1. Guidance
 - 2. Quiet
 - 3. Quandary
 - 4. Graphic

Question ID : 65497814413
Chosen Option : 3

Q.7 Select the most appropriate meaning of the given idiom.

Change hands

- Ans
- 1. Pass from one person to another
 - 2. Give away something you do not need
 - 3. Move from one hand to another
 - 4. Carry something in both hands

Question ID : 65497814409
Chosen Option : 1

Q.8 Identify the segment in the sentence which contains a grammatical error.

I'm sure that I found the place without any difficulty when I go next time.

- Ans
- 1. when I go next time
 - 2. without any difficulty
 - 3. I'm sure that
 - 4. I found the place

Question ID : 65497814391
Chosen Option : 4

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

To get the _____ idea you need to read through the paragraph first.

- Ans
- 1. inside
 - 2. internal
 - 3. altogether
 - 4. overall

Question ID : 65497814414
Chosen Option : 4

Q.10 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'.

Girish was able to drive down from Bengaluru in ten hours as there was very little traffic on the highway.

- Ans
- 1. as there was very less
 - 2. as there were very little
 - 3. as there was a very little
 - 4. No substitution required

Question ID : 65497814401
Chosen Option : 4

Q.11 Select the most appropriate option to fill in the blank.

It is the story of a king who was fond of being _____ lies.

- Ans
- 1. telling
 - 2. said
 - 3. told
 - 4. tell

Question ID : 65497814393
Chosen Option : 1

Q.12 Select the most appropriate one-word substitution for the given group of words.

Move suddenly and powerfully forward or upward

- Ans
- 1. Abound
 - 2. Thrive
 - 3. Surge
 - 4. Flourish

Question ID : 65497814411
Chosen Option : 3

Q.13 Select the most appropriate one-word substitution for the given group of words.

A grant or payment to support a student's education

- Ans
- 1. Fund
 - 2. Scholarship
 - 3. Sponsor
 - 4. Advance

Question ID : 65497814410
Chosen Option : 2

Q.14 Identify the segment in the sentence which contains a grammatical error.

You are fond of instrumental music, isn't it?

- Ans
- 1. fond of
 - 2. You are
 - 3. instrumental music
 - 4. isn't it

Question ID : 65497814390
Chosen Option : 4

Q.15 Identify the segment in the sentence which contains a grammatical error.

Investigations have been going on for a long time to produce an environment-friendly plastic that decay and become a part of the soil.

- Ans
- 1. for a long time
 - 2. Investigations have been going on
 - 3. that decay and become a part of the soil
 - 4. to produce an environment-friendly plastic

Question ID : 65497814392
Chosen Option : 3

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

A recent survey on the subject of fear asked people to _____ to a list of common phobias.

- Ans
- 1. review
 - 2. answer
 - 3. reflect
 - 4. respond

Question ID : 65497814394
Chosen Option : 4

Q.17 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'.

You can find several kind of birds in the Mysore Zoo, pelicans, flamingos, hornbills and egrets.

- Ans
- 1. several kinds of birds
 - 2. several kind of bird
 - 3. kind of several birds
 - 4. No substitution required

Question ID : 65497814301
Chosen Option : 1

Q.18 Select the most appropriate meaning of the given idiom.

Out of the question

- Ans
- 1. Not possible at all
 - 2. Very badly written
 - 3. Very difficult
 - 4. Not in the syllabus

Question ID : 65497814408
Chosen Option : 4

Q.19 Select the most appropriate ANTONYM of the given word.

HIGHLIGHT (v.)

- Ans
- 1. Consider
 - 2. Describe
 - 3. Recognise
 - 4. Downplay

Question ID : 65497814405
Chosen Option : 4

Q.20 Select the most appropriate option to fill in the blank.

It is mandatory for information about the _____ of the product to be given on the label.

- Ans 1. ingredients
 2. requirements
 3. essentials
 4. materials

Question ID : 65497814415
Chosen Option : 1

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.

You must pace your work. What (1)_____ I mean? I'm glad you (2)_____ that question. We pace our work according (3)_____ the eight-hour workday. If you (4)_____ twelve hours of work in your in-box, for example, you must (5)_____ that work into the eight-hour day.

SubQuestion No : 21

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

- Ans 1. am
 2. do
 3. will
 4. have

Question ID : 65497814396
Chosen Option : 2

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.

You must pace your work. What (1)_____ I mean? I'm glad you (2)_____ that question. We pace our work according (3)_____ the eight-hour workday. If you (4)_____ twelve hours of work in your in-box, for example, you must (5)_____ that work into the eight-hour day.

SubQuestion No : 22

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

- Ans 1. say
 2. find
 3. spoke
 4. asked

Question ID : 65497814397
Chosen Option : 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.

You must pace your work. What (1)_____ I mean? I'm glad you (2)_____ that question. We pace our work according (3)_____ the eight-hour workday. If you (4)_____ twelve hours of work in your in-box, for example, you must (5)_____ that work into the eight-hour day.

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

- Ans 1. by
 2. with
 3. to
 4. from

Question ID : 65497814398
Chosen Option : 3

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.

You must pace your work. What (1)_____ I mean? I'm glad you (2)_____ that question. We pace our work according (3)_____ the eight-hour workday. If you (4)_____ twelve hours of work in your in-box, for example, you must (5)_____ that work into the eight-hour day.

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

- Ans 1. had
 2. have
 3. will have
 4. are having

Question ID : 65497814399
Chosen Option : 2

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.

You must pace your work. What (1)_____ I mean? I'm glad you (2)_____ that question. We pace our work according (3)_____ the eight-hour workday. If you (4)_____ twelve hours of work in your in-box, for example, you must (5)_____ that work into the eight-hour day.

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

- Ans 1. compress
 2. expand
 3. stretch
 4. increase

Question ID : 65497814400
Chosen Option : 1

Q.1 Which of the following numbers will replace the question mark (?) in the given series?

57, 71, 88, 109, 135, ?

- Ans 1. 167
 2. 175
 3. 188
 4. 201

Question ID : 65497815027
Chosen Option : 1

Q.2 Two statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:
All crows are sparrows.
All ducks are sparrows.

Conclusions:
I. No sparrow is a crow.
II. No crow is a duck.
III. Some crows are ducks.

- Ans 1. Only conclusions I and II follow
 2. Only conclusions II and III follow
 3. Only conclusions I and III follow
 4. Either conclusion II or III follows

Question ID : 65497815037
Chosen Option : 4

Q.3 In a certain code language, 'MINT' is written as 'TNIM'. How will 'CORTEX' be written in that language?

- Ans 1. XTEROC
 2. XETROC
 3. XERTOC
 4. XETRCO

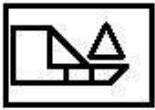
Question ID : 65497815028
Chosen Option : 2

Q.4 Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).



Ans

✗ 1.



✓ 2.



✗ 3.



✗ 4.



Question ID : 65497815043
Chosen Option : 2

Q.5 Select the option figure that will replace the question mark (?) in the figure given below to complete the pattern.



Ans

✓ 1.



✗ 2.



✗ 3.



✗ 4.



Question ID : 65497815042
Chosen Option : 1

Q.6 Select the option that is related to the third word in the same way as the second word is related to the first word.

Kathmandu : Nepal : : Thimphu : ?

- Ans 1. Bhutan
 2. Sri Lanka
 3. China
 4. Maldives

Question ID : 65497815034
Chosen Option : 1

Q.7 Which two signs should be interchanged to make the given equation correct?

$$4 + 5 - 16 \times 4 \div 2 = 1$$

- Ans 1. + and -
 2. ÷ and ×
 3. ÷ and -
 4. + and ×

Question ID : 65497815022
Chosen Option : 2

Q.8 Five persons are waiting to buy a ticket in a queue. Dipti is standing just behind Harsha. Vinita is just before Mrunal. Sindhu is just after Dipti. If Vinita is the first person standing in the queue, who is the last person in the queue?

- Ans 1. Mrunal
 2. Harsha
 3. Dipti
 4. Sindhu

Question ID : 65497815038
Chosen Option : 4

Q.9 Eight friends P, Q, R, S, T, U, V and W in are sitting clockwise at equal distances in the same sequence around a circular table. All are facing the centre of the table. If U is sitting in the South, then who is sitting in the North-east direction?

- Ans 1. R
 2. T
 3. Q
 4. P

Question ID : 65497815039
Chosen Option : 4

Q.10 Select the correct mirror image of the given combination when the mirror is placed at MN as shown below.

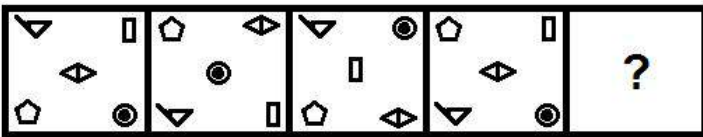


Ans

- ✗ 1. F 3 A P 5
- ✓ 2. F 3 A P 5
- ✗ 3. F 3 A P 5
- ✗ 4. F 3 A P 5

Question ID : 65497815044
Chosen Option : 2

Q.11 Select the figure that will replace the question mark (?) in the following figure series.



Ans

- ✓ 1. [Square box with shapes: downward triangle, diamond, pentagon, circle with dot]
- ✗ 2. [Square box with shapes: pentagon, diamond, downward triangle, circle with dot]
- ✗ 3. [Square box with shapes: downward triangle, diamond, pentagon, circle with dot]
- ✗ 4. [Square box with shapes: downward triangle, diamond, pentagon, circle with dot]

Question ID : 65497815041
Chosen Option : 1

Q.12 Which of the following letter-clusters will replace the question mark (?) in the given series?

KTY, NXD, QBI, TFN, ?

- Ans 1. WLT
 2. WJS
 3. VJS
 4. WKR

Question ID : 65497815035
Chosen Option : 2

Q.13 In a certain code language, 'MARKS' is written as 'NASLT', and 'PORT' is written as 'QOSU'. How will 'FINGER' be written in that language?

- Ans 1. GIOFDS
 2. GJOHFS
 3. GIOHES
 4. EIOKFT

Question ID : 65497815029
Chosen Option : 3

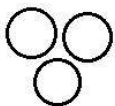
Q.14 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

15 4 161
12 3 117
16 5 ?

- Ans 1. 120
 2. 131
 3. 111
 4. 143

Question ID : 65497815025
Chosen Option : 2

Q.15 Select the set of classes the relationship among which is best illustrated by the following Venn diagram.



- Ans 1. Food, Cereal, Maize
 2. Books, Kitchens, Cars
 3. Vehicles, Animals, Buses
 4. Animals, Polar Bears, Ice

Question ID : 65497815046
Chosen Option : 2

Q.16 Which two numbers should be interchanged to make the given equation correct?

$$81 + 45 \div 3 - 18 \times 9 = 32$$

- Ans
- 1. 81 and 18
 - 2. 45 and 18
 - 3. 3 and 9
 - 4. 45 and 9

Question ID : 65497815023
Chosen Option : 3

Q.17 Two statements are given followed by two conclusions numbered I and II. 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:
No shop is a restaurant.
All restaurants are parks.

Conclusions:
I. Some parks are restaurants.
II. No restaurant is a shop.

- Ans
- 1. Neither conclusion I nor II follows
 - 2. Only conclusion II follows
 - 3. Only conclusion I follows
 - 4. Both conclusions I and II follow

Question ID : 65497815036
Chosen Option : 4

Q.18 If $G > T$, $H = B$, $T > H$, $M = T$ and $B > K$, then which of the following expressions is correct?

- Ans
- 1. $G = T$
 - 2. $K < H$
 - 3. $B > T$
 - 4. $G < M$

Question ID : 65497815040
Chosen Option : 2

Q.19 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.

NORWAY : YWRONA :: PORTUGAL : ?

- Ans
- 1. URTOPPLGA
 - 2. UTPRLOGA
 - 3. ATRPOGLU
 - 4. UTRPOLGA

Question ID : 65497815032
Chosen Option : 4

Q.20 In a certain code language, 'FLOOD' is written as '25', and 'HINT' is written as '15'. How will 'FAST' be written in that language?

- Ans 1. 18
 2. 64
 3. 78
 4. 60

Question ID : 65497815031
Chosen Option : 2

Q.21 Select the option that is related to the third word in the same way as the second word is related to the first word.

Books : School Bag :: Gas stove : ?

- Ans 1. Kitchen
 2. Chef
 3. Gas cylinder
 4. Food

Question ID : 65497815033
Chosen Option : 1

Q.22 A paper is folded and cut as shown in the given figures. How will it appear when unfolded?



- Ans 1.
- 2.
- 3.
- 4.

Question ID : 65497815045
Chosen Option : 1

Q.23 In a certain code language, 'LOAN' is written as '15122613'. How will 'DEUCE' be written in that language?

Ans 1. 232262422

2. 232292322

3. 202272422

4. 232162421

Question ID : 65497815030

Chosen Option : 1

Q.24 Which of the following numbers will replace the question mark (?) in the given series?

17, 17, 34, 102, 408, ?

Ans 1. 1620

2. 2440

3. 1550

4. 2040

Question ID : 65497815026

Chosen Option : 4

Q.25 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 : 53 :: 9 : ?

Ans 1. 99

2. 101

3. 112

4. 85

Question ID : 65497815024

Chosen Option : 4

Section : Numerical Aptitude

Q.1 Study the given pie chart and answer the question that follows.

The given chart represents the percentage-wise distribution of the total number of vanilla cakes and chocolate cakes sold on each day of the week. The total number of cakes sold in a week = 10500.



If the ratio of vanilla cakes sold to chocolate cakes sold on Wednesday is 13 : 8, then how many vanilla cakes are sold on that day?

- Ans**
- 1. 1450
 - 2. 1340
 - 3. 1420
 - 4. 1430

Question ID : 65497815271
Chosen Option : 4

Q.2 If the ratio of the mean and median of a certain data is 4 : 5, then the ratio of its mode and mean is:

- Ans**
- 1. 7 : 5
 - 2. 6 : 5
 - 3. 8 : 5
 - 4. 7 : 4

Question ID : 65497815264
Chosen Option : 4

Q.3 An article was bought for ₹14,000 and sold at $\frac{4}{7}$ of its cost price. The loss percentage is:

- Ans**
- 1. $42\frac{3}{7}\%$
 - 2. $42\frac{5}{7}\%$
 - 3. $42\frac{6}{7}\%$
 - 4. $41\frac{6}{7}\%$

Question ID : 65497815257
Chosen Option : 3

Q.4 The average of four consecutive even numbers is 27. The smallest number is:

- Ans
- 1. 20
 - 2. 26
 - 3. 24
 - 4. 22

Question ID : 65497815253
Chosen Option : 3

Q.5 A can do a work in $7\frac{1}{2}$ days, whereas B can do the same work in $10\frac{1}{2}$ days. If they worked together, then the same work would be completed in:

- Ans
- 1. $4\frac{3}{8}$ days
 - 2. 4 days
 - 3. $4\frac{1}{2}$ days
 - 4. $4\frac{1}{8}$ days

Question ID : 65497815249
Chosen Option : 1

Q.6 If a certain sum amounts to ₹27,450 in 5 years at simple interest at the rate of $10\frac{1}{2}\%$ p.a., then the sum is:

- Ans
- 1. ₹18,000
 - 2. ₹16,500
 - 3. ₹16,000
 - 4. ₹17,000

Question ID : 65497815263
Chosen Option : 1

Q.7 The value of $5 - 5 \div 5 \times 5 + (7 \div 7 \text{ of } 6) \times 6 - \left(3\frac{2}{3} \div \frac{11}{30} \text{ of } \frac{2}{3}\right) \div 5$ is:

- Ans
- 1. -1
 - 2. 0
 - 3. 1
 - 4. -2

Question ID : 65497816886
Chosen Option : 4

Q.8 A loss of $12\frac{1}{2}\%$ gets converted into a profit of $11\frac{1}{5}\%$ when the selling price is increased by ₹118.5. The cost price of the article is:

- Ans**
- 1. ₹550
 - 2. ₹600
 - 3. ₹800
 - 4. ₹500

Question ID : 65497815258
Chosen Option : 4

Q.9 Vineeth is younger than Vinoth by 8 years. If 4 years ago, their ages were in the ratio of 1 : 2, then the present age of Vinoth is:

- Ans**
- 1. 28 years
 - 2. 22 years
 - 3. 20 years
 - 4. 25 years

Question ID : 65497815259
Chosen Option : 3

Q.10 The average speed of a train is 160% of the average speed of a car. The car covers a distance of 880 km in 16 hours. The time taken by the train to cover a distance of 484 km is:

- Ans**
- 1. $7\frac{1}{2}$ hours
 - 2. $4\frac{1}{2}$ hours
 - 3. $5\frac{1}{2}$ hours
 - 4. 5 hours

Question ID : 65497815252
Chosen Option : 3

Q.11 If the side of a square is increased by 40%, then its area will be increased by:

- Ans**
- 1. 90%
 - 2. 96%
 - 3. 92%
 - 4. 86%

Question ID : 65497815267
Chosen Option : 2

Q.12 The ratio of the curved surface area and total surface area of a cylinder is 4 : 7. If its volume is 4851 cm^3 , then its radius is:

(Take $\pi = \frac{22}{7}$)

- Ans**
- 1. 10 cm
 - 2. 7 cm
 - 3. 9.5 cm
 - 4. 10.5 cm

Question ID : 65497815266
Chosen Option : 4

Q.13 The ratio of A's and B's salary is 6 : 7. If A's salary is increased by $5\frac{1}{2}\%$, then his total salary becomes ₹1,26,600. Find the salary of B.

- Ans**
- 1. ₹1,45,000
 - 2. ₹1,20,000
 - 3. ₹1,30,000
 - 4. ₹1,40,000

Question ID : 65497815260
Chosen Option : 4

Q.14 Study the given pie chart and answer the question that follows.

The given chart represents the percentage-wise distribution of the total number of vanilla cakes and chocolate cakes sold on each day of the week. The total number of cakes sold in a week = 10500.



The ratio of vanilla cakes sold to chocolate cakes sold on Friday is 4 : 3. If the price of one vanilla cake is ₹8 and that of one chocolate cake is ₹7, then the total amount earned by selling all vanilla cakes and chocolate cakes on Friday is:

- Ans**
- 1. ₹6,950
 - 2. ₹7,950
 - 3. ₹8,000
 - 4. ₹7,500

Question ID : 65497815272
Chosen Option : 2

Q.15 The LCM and HCF of two positive numbers are 96 and 8, respectively. If the sum of the numbers is 56, then the difference between the numbers is:

- Ans
- 1. 12
 - 2. 8
 - 3. 10
 - 4. 9

Question ID : 65497815268
Chosen Option : 2

Q.16 A and B can do a work in 12 days and 18 days, respectively. They worked together for 4 days, after which B was replaced by C and the remaining work was completed by A and C in the next 4 days. In how many days will C alone complete the same work?

- Ans
- 1. 42
 - 2. 32
 - 3. 30
 - 4. 36

Question ID : 65497815250
Chosen Option : 4

Q.17 A car covers a distance of 300 km with uniform speed. The time taken for the journey is one-third of the speed in km/h. The time taken to cover the distance of 300 km is:

- Ans
- 1. 10 hours
 - 2. 8 hours
 - 3. 9 hours
 - 4. 12 hours

Question ID : 65497815251
Chosen Option : 1

Q.18 Study the given pie chart and answer the question that follows.

The given chart represents the percentage-wise distribution of the total number of vanilla cakes and chocolate cakes sold on each day of the week. The total number of cakes sold in a week = 10500.



If the average number of vanilla cakes sold on Thursday and Sunday is 1020, and the number of chocolate cakes sold on Thursday is 245 more than the number of chocolate cakes sold on Sunday, then the number of chocolate cakes sold on Thursday is:

- Ans
- 1. 950
 - 2. 840
 - 3. 940
 - 4. 850

Question ID : 65497815273
Chosen Option : 3

Q.19 The curved surface area of a cone is $\frac{3432}{7}$ cm² and its radius is 12 cm. What is the radius of a sphere whose volume is 1.2 times the volume of the cone? (Take $\pi = \frac{22}{7}$)

- Ans
- 1. 8 cm
 - 2. 6 cm
 - 3. 5 cm
 - 4. 4 cm

Question ID : 65497814764
Chosen Option : 2

Q.20 The average monthly expenditure of a family is ₹12,000 for the first 4 months, ₹15,000 for the next 3 months, and ₹17,000 for the last 5 months. If the family saves ₹1,52,000 throughout the year, then the average monthly income of the family is:

- Ans
- 1. ₹27,000
 - 2. ₹25,700
 - 3. ₹26,500
 - 4. ₹27,500

Question ID : 65497815254
Chosen Option : 4

Q.21 At what percent per annum will ₹12,500 amount to ₹14,045 in 2 years if the interest is compounded annually?

- Ans
- 1. 7%
 - 2. 9%
 - 3. 6%
 - 4. 8%

Question ID : 65497815262

Chosen Option : 3

Q.22 A reduction of $12\frac{1}{2}\%$ in the price of an item enables a person to buy 2.5 kg more for ₹280. The reduced price of the item per kg is:

- Ans
- 1. ₹13
 - 2. ₹15
 - 3. ₹12
 - 4. ₹14

Question ID : 65497815255

Chosen Option : 4

Q.23 $\frac{11}{5}$ of a number A is 22% of a number B. The number B is equal to 2.5% of a third number, C. If the value of number C is 5500, then the sum of 40% of A and 20% of B is:

- Ans
- 1. 30
 - 2. 33
 - 3. 32
 - 4. 36

Question ID : 65497815256

Chosen Option : 2

Q.24 A circular wire of diameter 56 cm is folded in the shape of a rectangle whose sides are in the ratio of 7 : 4. The area enclosed by the rectangle is:

(Take $\pi = \frac{22}{7}$)

- Ans
- 1. 1842 cm^2
 - 2. 1792 cm^2
 - 3. 1684 cm^2
 - 4. 1782 cm^2

Question ID : 65497815265

Chosen Option : 2

Q.25 A sum of ₹ x amounts to ₹27,900 in 3 years and to ₹41,850 in 6 years at a certain rate per cent per annum when the interest is compounded yearly. The value of x is:

- Ans
- 1. 18,400
 - 2. 17,600
 - 3. 17,800
 - 4. 18,600

Question ID : 65497815261
Chosen Option : 4

Section : General Awareness

Q.1 Which state of India had the lowest number of districts as of September 2020?

- Ans
- 1. Goa
 - 2. Nagaland
 - 3. Arunachal Pradesh
 - 4. Sikkim

Question ID : 65497817104
Chosen Option : 1

Q.2 The Lucknow Pact was signed in _____.

- Ans
- 1. 1920
 - 2. 1922
 - 3. 1916
 - 4. 1930

Question ID : 65497817114
Chosen Option : 3

Q.3 Who among the following was a freedom fighter, based on whose design the present Indian National Flag is designed?

- Ans
- 1. Tanguturi Prakasam
 - 2. Pingali Venkaiah
 - 3. Badal Gupta
 - 4. Tirod Sing

Question ID : 65497817116
Chosen Option : 2

Q.4 In which Indian state is the 'Bhushi Lake' located?

- Ans
- 1. Punjab
 - 2. Rajasthan
 - 3. Gujarat
 - 4. Maharashtra

Question ID : 65497817112
Chosen Option : --

Q.5 Which gland produces Cortisol often known as a 'stress hormone' in humans?

- Ans 1. Thyroid gland
 2. Pituitary gland
 3. Adrenal gland
 4. Pineal gland

Question ID : 65497817109

Chosen Option : 4

Q.6 Which Indian state is the source of the rivers Brahmani, Kharkai and Subarnarekha?

- Ans 1. Madhya Pradesh
 2. Bihar
 3. Jharkhand
 4. Uttar Pradesh

Question ID : 65497817111

Chosen Option : --

Q.7 In which year was the National Bank for Agriculture and Rural Development Bank (NABARD) established?

- Ans 1. 1952
 2. 1962
 3. 1982
 4. 1972

Question ID : 65497815686

Chosen Option : 4

Q.8 Who among the following got the 2018 Nobel Prize in Physiology or Medicine for launching an effective new way to attack cancer by treating the immune system rather than the tumour?

- Ans 1. Jeffrey Hall
 2. Michael Rosbash
 3. Michael W Young
 4. James P Allison

Question ID : 65497817110

Chosen Option : 3

Q.9 'Tolu Bommalata' (leather shadow puppet show) is a traditional art form from the state of:

- Ans 1. Karnataka
 2. Kerala
 3. Tamil Nadu
 4. Andhra Pradesh

Question ID : 65497817092

Chosen Option : --

Q.10 Launched in 1951, India's first five-year plan was based on which of the following economic models to focus on agriculture and irrigation to boost farm output?

- Ans
- 1. Heckscher-Ohlin Model
 - 2. Harrod-Domar Model
 - 3. Mundell-Fleming Model
 - 4. Cobb-Douglas Model

Question ID : 65497817808
Chosen Option : --

Q.11 Which Indian scientist was conferred the distinction of Chevalier de l'Ordre national de la Légion d'Honneur by the Government of France in May 2019?

- Ans
- 1. G Madhavan Nair
 - 2. Tapan Mishra
 - 3. AS Kiran Kumar
 - 4. Mylswamy Annadurai

Question ID : 65497817098
Chosen Option : --

Q.12 Which aspect of the financial system do the Basel Norms focus on?

- Ans
- 1. Share market
 - 2. Insurance
 - 3. Banking
 - 4. Commodity market

Question ID : 65497817102
Chosen Option : --

Q.13 Which Indian actor is the author of the book 'Mrs Funnybones: She's just Like You and a Lot Like Me'?

- Ans
- 1. Twinkle Khanna
 - 2. Sonali Bendre
 - 3. Madhuri Dixit
 - 4. Aishwarya Rai

Question ID : 65497817097
Chosen Option : 1

Q.14 Who among the following was the youngest ever Governor of an Indian state as of July 2020?

- Ans
- 1. Jagdish Mukhi
 - 2. Swaraj Kaushal
 - 3. Sharda Mukherjee
 - 4. Margaret Alva

Question ID : 65497817103
Chosen Option : --

Q.15 Which city was the capital of the French Colony in India?

- Ans 1. Cochin
 2. Tuticorin
 3. Pondicherry
 4. Panjim

Question ID : 65497817115
Chosen Option : 3

Q.16 'Mopin', a festival to drive away evil spirits, is celebrated in the state of:

- Ans 1. Kerala
 2. Rajasthan
 3. Arunachal Pradesh
 4. Chhattisgarh

Question ID : 65497817093
Chosen Option : 4

Q.17 Which of the following is a mountain peak that rises above the surrounding peaks at the mountainous border of the Indian state of Nagaland and the Sagaing region of Myanmar?

- Ans 1. Mount Kalsubai
 2. Mount Doddabetta
 3. Mount Saramati
 4. Mount Dhupgarh

Question ID : 65497817113
Chosen Option : 3

Q.18 Which of the following is a performing art from the state of Maharashtra?

- Ans 1. Kalbelia
 2. Kheliran
 3. Dandi Gair
 4. Lavani

Question ID : 65497817094
Chosen Option : 4

Q.19 Which of the following rocks floats in water?

- Ans 1. Granite
 2. Obsidian
 3. Pumice
 4. Slate

Question ID : 65497817107
Chosen Option : 2

Q.20 Which of the following household items contains sulphuric acid?

- Ans 1. Toothpaste
 2. Vinegar
 3. Battery
 4. Butter

Question ID : 65497817106
Chosen Option : 3

Q.21 Five to eight per cent solution of acetic acid in water is known as:

- Ans 1. vinegar
 2. lime
 3. alcohol
 4. quicklime

Question ID : 65497817108
Chosen Option : 1

Q.22 'Police and Public Order' are State subjects under the _____ Schedule of the Constitution of India.

- Ans 1. 5th
 2. 9th
 3. 7th
 4. 12th

Question ID : 65497817105
Chosen Option : 3

Q.23 Which Indian diplomat was conferred upon the First Class Order of Zayed II award by UAE in 2019?

- Ans 1. Navdeep Singh Suri
 2. Taranjit Singh Sandhu
 3. Jawed Ashraf
 4. Raveesh Kumar

Question ID : 65497817099
Chosen Option : 1

Q.24 In 2019 which Indian cueist became the first to hold the World, Asian and Indian titles simultaneously in five different years?

- Ans 1. Aditya Mehta
 2. Pankaj Advani
 3. Rupesh Shah
 4. Sourav Kohari

Question ID : 65497817095
Chosen Option : --

Q.25 Who among the following was the first Indian swimmer to swim across the English Channel in 1958?

Ans 1. Shamsheer Khan

2. Mihir Sen

3. Brojen Das

4. Viradhawal Khade

Question ID : 65497817096
Chosen Option : 2