

Multi Tasking Non Technical Staff Examination 2020

Participant ID	
Participant Name	
Test Center Name	iON Digital Zone iDZ 2 Sector 62
Test Date	13/10/2021
Test Time :	9:00 AM - 10:30 AM
Subject	MTS Non Technical 2020

Section : **General English**

Q.1 Select the word which means the same as the group of words given.

To prevent or alter a result or course of events

- Ans 1. Interchange
 2. Interrelate
 3. Intervene
 4. Interact

Question ID : **65497818248**
Chosen Option : 1

Q.2 Identify the segment in the sentence which contains a grammatical error.

If you could wait for just half an hour you will certain be able to meet her.

- Ans 1. you will certain
 2. be able to meet her
 3. If you could wait
 4. for just half an hour

Question ID : **65497818229**
Chosen Option : 1

Q.3 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

No sooner I get the message, I shall pass it on to you.

- Ans 1. As soon as
 2. Although
 3. No substitution required
 4. Hardly

Question ID : **65497816220**
Chosen Option : 1

Q.4 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'.

Karan was so deep effected by the film that he didn't speak a word.

- Ans
- 1. deeper affect
 - 2. deeply affected
 - 3. deeply effective
 - 4. No substitution required

Question ID : 65497818342
Chosen Option : 2

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

Alive and kicking

- Ans
- 1. To be very good in football
 - 2. To be active and healthy
 - 3. To behave childishly
 - 4. To be careless and unafraid

Question ID : 65497818246
Chosen Option : 2

Q.6 Select the INCORRECTLY spelt word.

- Ans
- 1. Addres
 - 2. Midday
 - 3. Cuddle
 - 4. Occur

Question ID : 65497818250
Chosen Option : 1

Q.7 Select the most appropriate idiom to fill in the blank.

Ritu was shocked on learning that her kids had _____ somewhere after school.

- Ans
- 1. wandered off
 - 2. jumped at
 - 3. wondered at
 - 4. finished off

Question ID : 65497818253
Chosen Option : 1

Q.8 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 BBC has a wonderful series on a emergence of women novelists in English literature.

Ans 1. No substitution required

2. many

3. the

4. that

Question ID : 65497818239

Chosen Option : 3

Q.9 Select the INCORRECTLY spelt word.

Ans 1. Essence

2. Tolarence

3. Preference

4. Insistence

Question ID : 65497818251

Chosen Option : 2

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

Lasting for only a short time

Ans 1. Joyous

2. Solitary

3. Permanent

4. Transient

Question ID : 65497818249

Chosen Option : 4

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

Vidushi liked the cake so much that she _____.

Ans 1. pulled at it

2. poked with it

3. polished it off

4. pushed it over

Question ID : 65497818252

Chosen Option : 2

Q.12 Select the most appropriate synonym of the given word.

CRUCIAL

- Ans 1. Vital
 2. Easy
 3. Menial
 4. Trivial

Question ID : 65497818244
Chosen Option : 1

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

RENOWNED

- Ans 1. Obscure
 2. Vain
 3. Noted
 4. Glorious

Question ID : 65497818243
Chosen Option : 1

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

During the monsoons it is _____ to boost one's immunity with a proper diet and regular exercise.

- Ans 1. advisable
 2. improper
 3. advising
 4. imprudent

Question ID : 65497818231
Chosen Option : 1

Q.15 Select the most appropriate word to fill in the blank.

The Blood Finder app is very useful in _____ the correct donor.

- Ans 1. locating
 2. unlocking
 3. starting
 4. establishing

Question ID : 65497818232
Chosen Option : 4

Q.16 Select the most appropriate meaning of the given idiom.

Chinks in the armour

- Ans
- 1. An old fashioned and useless weapon
 - 2. A weakness that can be taken advantage of
 - 3. A protective shield with ventilation
 - 4. A soldier's inner vest that protects

Question ID : 65497818247
Chosen Option : 2

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

I was thrilled to going out with my friend for the film.

- Ans
- 1. with my friend
 - 2. to going out
 - 3. I was thrilled
 - 4. for the film

Question ID : 65497818228
Chosen Option : 2

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

IRRITATE

- Ans
- 1. Shock
 - 2. Delight
 - 3. Frighten
 - 4. Annoy

Question ID : 65497818242
Chosen Option : 2

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

INTERROGATE

- Ans
- 1. Meditate
 - 2. Answer
 - 3. Investigate
 - 4. Delay

Question ID : 65497818245
Chosen Option : 3

Q.20 Identify the segment in the sentence which contains a grammatical error.

According to current research by World Health Organisation, a 65-year-old person is then no longest categorised as old.

- Ans**
- 1. a 65 year old person
 - 2. According to current research by World Health Organisation
 - 3. is then no longest
 - 4. categorised as old

Question ID : **65497818230**
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.

The pandemic in India occurred at a time (1)_____ the crop was standing all ready to be (2)_____. If NAFED had not intervened with the initiative (3)_____ the stocks of farmers in these circumstances, it (4)_____ not only have been devastating for the farmers (5)_____ also led to a food emergency later on.

SubQuestion No : 21

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

- Ans**
- 1. when
 - 2. until
 - 3. where
 - 4. during

Question ID : **65497818234**
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.

The pandemic in India occurred at a time (1)_____ the crop was standing all ready to be (2)_____. If NAFED had not intervened with the initiative (3)_____ the stocks of farmers in these circumstances, it (4)_____ not only have been devastating for the farmers (5)_____ also led to a food emergency later on.

SubQuestion No : 22

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

- Ans**
- 1. picking
 - 2. invested
 - 3. harvested
 - 4. collecting

Question ID : **65497818235**
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.

The pandemic in India occurred at a time (1)_____ the crop was standing all ready to be (2)_____. If NAFED had not intervened with the initiative (3)_____ the stocks of farmers in these circumstances, it (4)_____ not only have been devastating for the farmers (5)_____ also led to a food emergency later on.

SubQuestion No : 23

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

- Ans 1. to earn
 2. to purchase
 3. to patronise
 4. to divert

Question ID : 65497818236
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.

The pandemic in India occurred at a time (1)_____ the crop was standing all ready to be (2)_____. If NAFED had not intervened with the initiative (3)_____ the stocks of farmers in these circumstances, it (4)_____ not only have been devastating for the farmers (5)_____ also led to a food emergency later on.

SubQuestion No : 24

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

- Ans 1. will
 2. would
 3. must
 4. can't

Question ID : 65497818237
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.

The pandemic in India occurred at a time (1)_____ the crop was standing all ready to be (2)_____. If NAFED had not intervened with the initiative (3)_____ the stocks of farmers in these circumstances, it (4)_____ not only have been devastating for the farmers (5)_____ also led to a food emergency later on.

SubQuestion No : 25

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

- Ans 1. however
 2. so
 3. yet
 4. but

Question ID : 65497818238
Chosen Option : 4

Q.1 If in a coding system, SHELVES is coded as 100 and TURNING is coded as 87, then how will REDRESS be coded in the same coding system?

- Ans
- 1. 89
 - 2. 88
 - 3. 102
 - 4. 101

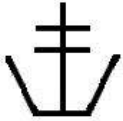
Question ID : 65497815839
Chosen Option : 3

Q.2 'Frogs' is related to 'Croak' in the same way as 'Peacock' is related to '_____'.
Ans

- 1. Growl
- 2. Grunt
- 3. Hiss
- 4. Scream

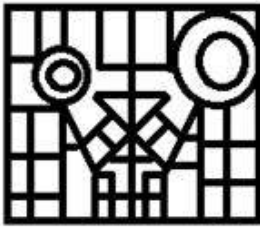
Question ID : 65497815841
Chosen Option : 4

Q.3 Select the option in which the given figure is embedded (rotation is NOT allowed).

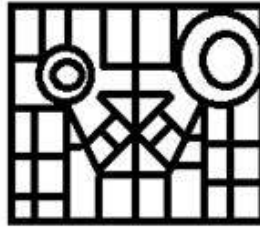


Ans

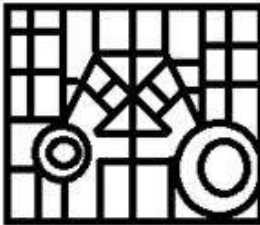
✗ 1.



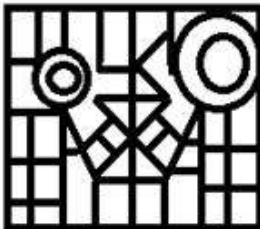
✓ 2.



✗ 3.



✗ 4.



Question ID : 65497815851
Chosen Option : 2

Q.4 Which number will replace the question mark (?) in the following series?

31, 32, 35, 46, 59, 88, 119, ?

Ans ✓ 1. 174

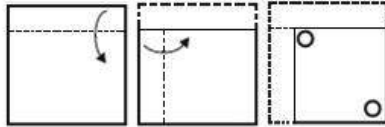
✗ 2. 147

✗ 3. 141

✗ 4. 114

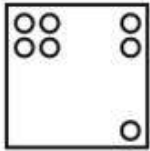
Question ID : 65497815834
Chosen Option : 1

Q.5 A paper is folded and cut as shown below. How will it appear when unfolded?

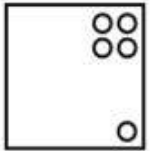


Ans

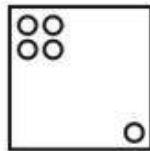
✗ 1.



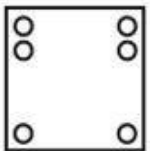
✗ 2.



✓ 3.

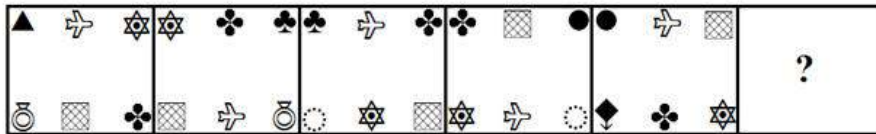


✗ 4.



Question ID : 65497815853
Chosen Option : 3

Q.6 Which figure will replace the question mark (?) in the following figure series?



Ans



Question ID : 65497815849
Chosen Option : 1

Q.7 If SHADOW is coded as 184 and TEDIOUS is coded as 384, then how will VALIDATE be coded as?

- Ans
- ✗ 1. 486
 - ✗ 2. 468
 - ✓ 3. 568
 - ✗ 4. 586

Question ID : 65497815838
Chosen Option : 3

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

GEOGRAPHY : OEGARGYHP :: REASONING : ?

- Ans
- ✓ 1. AERNOSGNI
 - ✗ 2. NOSGNIAER
 - ✗ 3. GNINOSAER
 - ✗ 4. SAERONNIG

Question ID : 65497815840
Chosen Option : 1

Q.9 Eight members of a family – Archana, Suman, Dheeraj, Meghana, Bindu, Tilak, Rajan and Kiran are sitting in a straight line facing North. They have different ages – 12, 17, 19, 22, 28, 31, 38 and 48 but not necessarily in the same order.

Archana is sitting third to the right of the one who is 22 years old. Meghana and the one who is 22 years old are sitting together. One person is sitting between Kiran and one whose age is 48 years. The difference between the ages of Bindu and Kiran is 5 years. The one who is 10 years older than Meghana is sitting third to the right of Meghana. Rajan and Dheeraj are sitting together and one of them is sitting at the extreme end of the line. Dheeraj is 9 years older than Suman. Archana is sitting in the middle of Kiran and Tilak. Archana is 12 years younger than Dheeraj. Kiran is not 12 years old.

Who is sitting third to the right of Meghana?

- Ans
- 1. Bindu
 - 2. Dheraj
 - 3. Tilak
 - 4. Kiran

Question ID : 65497815847
Chosen Option : 4

Q.10 Select the option that is related to the third number in the same way as the second number is related to the first number.

24 : 588 :: 26 : _____.

- Ans
- 1. 678
 - 2. 689
 - 3. 687
 - 4. 698

Question ID : 65497815832
Chosen Option : 2

Q.11 Select the option that is related to the third word in the same way as the second word is related to the first word.

Audacious : Courageous :: Deflate : _____.

- Ans
- 1. Enlarge
 - 2. Entangle
 - 3. Collapse
 - 4. Attentive

Question ID : 65497815842
Chosen Option : 3

Q.12 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:

Some candles are bulbs
Some bulbs are generators

Conclusions:

I. Some candles are generators
II. All candles are generators

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

Question ID : 65497815844
Chosen Option : 1

Q.13 The notification for six different posts - Clerk, PRO, Lecturer, Accountant, Watchman and Principal- are to be released on consecutive Fridays. The schedule of the releasing is to be in accordance with the following conditions:

- (i) Clerk post must be released a week before the Watchman post.
- (ii) Lecturer post must not be released immediately after the first release.
- (iii) PRO post must be released on the Friday following the Friday on which the Principal post is released.
- (iv) Accountant post must be released on the fifth Friday and should not be immediately preceded by the PRO post.
- (v) The Watchman post must not be released last.

Which of the following notifications will be released immediately after the PRO post?

- Ans
- 1. Watchman
 - 2. Principal
 - 3. Clerk
 - 4. Lecturer

Question ID : 65497815848
Chosen Option : --

Q.14 Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

- Ans
- 1. GCXD
 - 2. KGTZ
 - 3. TPLR
 - 4. NJQW

Question ID : 65497815843
Chosen Option : 3

Q.15 Three statements are given, followed by four conclusions numbered I, II, III, IV. 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:

Some drums are violins.
Some violins are pianos.
All the pianos are flutes.

Conclusions:

I. Some flutes are violins.
II. Some pianos are drums.
III. No piano is drum.
IV. Some violins are drums.

- Ans** 1. Both conclusions I and IV and either II or III follows
 2. Both conclusions II and III follow
 3. Both conclusions II and IV follow
 4. Both conclusions I and II follow

Question ID : 65497815845
Chosen Option : 1

Q.16 If 'x' stands for 'addition', '÷' stands for 'subtraction', '+' stands for 'multiplication' and '-' stands for 'division', then

$$75 \times 345 + 15 - 23 \div (15 + 18) = ?$$

- Ans** 1. 10
 2. 20
 3. 40
 4. 30

Question ID : 65497815830
Chosen Option : 4

Q.17 In a code language, MAJESTY is written as TEQIZAF. How will DURABLE be written as in that language?

- Ans** 1. KAYEISI
 2. KBTECTL
 3. KBYEISL
 4. KASECSI

Question ID : 65497815836
Chosen Option : 1

Q.18 Which number will replace the question mark (?) in the following series?

8, 26, 73, 157, 284, 464, 705, 1017, ?

- Ans
- 1. 1480
 - 2. 1840
 - 3. 1408
 - 4. 1804

Question ID : 65497815835
Chosen Option : 4

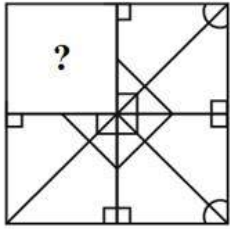
Q.19 Select the set in which the numbers are related in the same way as are the numbers of the given set.

(105, 6, 27)

- Ans
- 1. (156, 8, 42)
 - 2. (250, 11, 52)
 - 3. (145, 8, 37)
 - 4. (152, 7, 32)

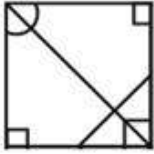
Question ID : 65497815833
Chosen Option : 4

Q.20 Select the option that can replace the question mark (?) and complete the given figure.

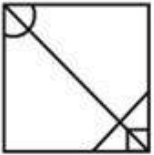


Ans

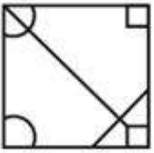
✓ 1.



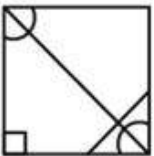
✗ 2.



✗ 3.



✗ 4.



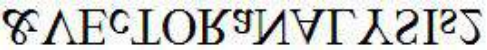
Question ID : 65497815850
Chosen Option : 1

Q.21 Select the correct mirror image of the given combination when the mirror is placed to the right side of it.

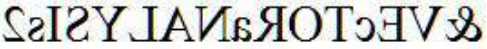
&VEcTORANaLYsIS2

Ans

✗ 1.



✗ 2.



✗ 3.



✓ 4.



Question ID : 65497815852
Chosen Option : 4

Q.22 In a certain code language, if MEALTIME is written as TMMLIEEA, then how will PROVINCE be written in the same code language?

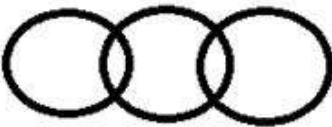
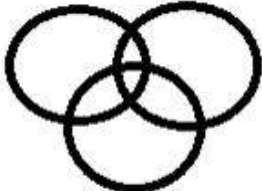
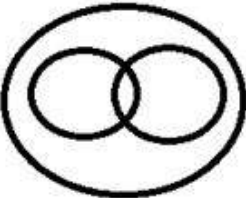
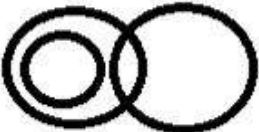
- Ans
- 1. ORPNIVEC
 - 2. VRPONIEC
 - 3. VPRONEIC
 - 4. RPVONIEC

Question ID : 65497815837
Chosen Option : 2

Q.23 Select the Venn diagram that best illustrates the relationship between the following classes.

Doctors, Politicians, Men

Ans

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

Question ID : 65497815854
Chosen Option : 2

Q.24 In a row of boys, Karun is 5th from the left and Panth is 6th from right. When they exchange their position, Karun becomes 13th from the left. What is the new position of Panth from the right?

- Ans
- 1. 11th
 - 2. 7th
 - 3. 14th
 - 4. 18th

Question ID : 65497815846
Chosen Option : --

Q.25 Which two signs should be interchanged to make the given equation correct?

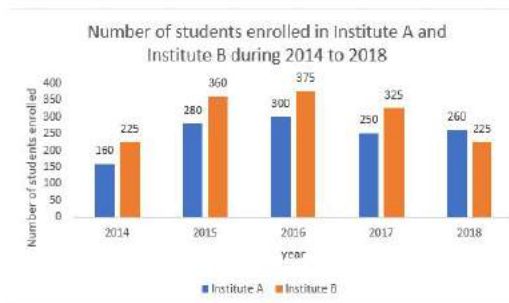
$$110 + 728 \div 28 - 15 \times 413 = 87$$

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

Question ID : 65497815831
Chosen Option : --

Section : Numerical Aptitude

Q.1 Study the following bar graph that shows the number of students enrolled for different courses in institutes A and B during 5 years, and answer the question that follows.



What is the ratio of the total numbers of students enrolled in A during 2017 and 2018 to that of students enrolled in B during 2014 and 2015?

- Ans
- 1. 34 : 39
 - 2. 17 : 39
 - 3. 39 : 17
 - 4. 39 : 34

Question ID : 65497816382
Chosen Option : --

Q.2 If x is subtracted from each of 52, 47, 20 and 19, the numbers so obtained in this order are in proportion. What is the mean proportional between $(x + 13)$ and $(x - 8)$?

- Ans
- 1. 12
 - 2. 10
 - 3. 15
 - 4. 9

Question ID : 65497816372
Chosen Option : --

Q.3 The marked price of an article is ₹400. After allowing a discount of 20% on the marked price, a shopkeeper makes a profit of ₹48. His gain percentage is:

- Ans**
- 1. $15\frac{11}{17}\%$
 - 2. $19\frac{11}{17}\%$
 - 3. $17\frac{11}{17}\%$
 - 4. $14\frac{11}{17}\%$

Question ID : 65497816366

Chosen Option : --

Q.4 'A' is 3 times as good a workman as 'B' and therefore is able to complete a job in 36 days less than 'B'. In how many days will they finish it working together?

- Ans**
- 1. $12\frac{1}{2}$
 - 2. $15\frac{1}{2}$
 - 3. $14\frac{1}{2}$
 - 4. $13\frac{1}{2}$

Question ID : 65497816361

Chosen Option : --

Q.5 The median of a set of 11 distinct observations is 17.5. If each of the largest 5 observations of the set is increased by 3, then the median of the new set:

- Ans**
- 1. is three times of the original number
 - 2. is decreased by 3
 - 3. is increased by 3
 - 4. remains the same as that of the original set

Question ID : 65497816375

Chosen Option : --

Q.6 A certain sum is divided among A, B, C and D such that B's share is $\frac{1}{3}$ of A's share, C's share is 40% of B's share, and D's share is 50% of C's share. If the difference between the shares of B and D is ₹1,600, then the sum is:

- Ans**
- 1. ₹9,600
 - 2. ₹9,400
 - 3. ₹9,000
 - 4. ₹9,200

Question ID : 65497816369

Chosen Option : --

Q.7 A boy walked along two adjacent sides of a rectangular field. If he had walked along the diagonal, then he would have saved a distance equal to one-fourth of the larger side. The ratio of the larger to the smaller side is:

- Ans**
- 1. 7 : 24
 - 2. 11 : 18
 - 3. 24 : 7
 - 4. 18 : 11

Question ID : **65497816378**
Chosen Option : --

Q.8 In a class of 80 students, 60% are girls and the rest are boys. The average weight of boys is 5% more than that of girls. If the average weight of all the student is 51 kg, then what is the average weight (in kg) of the boys?

- Ans**
- 1. 47.5
 - 2. 55
 - 3. 52.5
 - 4. 50

Question ID : **65497816365**
Chosen Option : --

Q.9 If 4 men can reap a field in 5 days working 9 hours a day, in how many days can 10 men reap the same field working 6 hours a day?

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

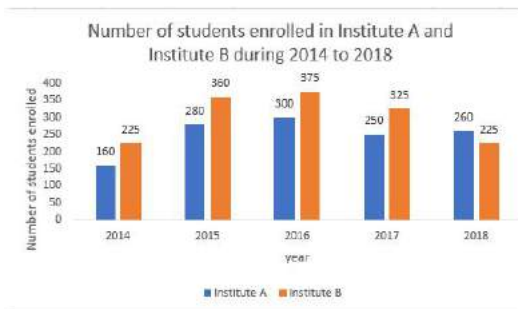
Question ID : **65497816360**
Chosen Option : --

Q.10 Sita and Geeta start at the same time to ride from place A to place B, which is 90 km away from A. Sita travels 3 km per hour slower than Geeta. Geeta reaches place B and at once turns back meeting Sita 15 km from place B. Sita's speed (in km/h) is:

- Ans**
- 1. 9
 - 2. 6
 - 3. 10.5
 - 4. 7.5

Question ID : **65497816362**
Chosen Option : --

Q.11 Study the following bar graph that shows the number of students enrolled for different courses in institutes A and B during 5 years, and answer the question that follows.



The total number of students enrolled in A during 2014, 2016 and 2018 is what percentage of the total number of average students enrolled in B during the 5 years (correct to one decimal place)?

- Ans**
- ✓ 1. 238.4%
 - ✗ 2. 276.5%
 - ✗ 3. 285.7%
 - ✗ 4. 237.6%

Question ID : 65497816384

Chosen Option : --

Q.12 What is the sum of the numbers between 300 and 500 such that when they are divided by 6, 12 and 16, it leaves no remainder?

- Ans**
- ✗ 1. 1586
 - ✓ 2. 1632
 - ✗ 3. 1764
 - ✗ 4. 1618

Question ID : 65497816379

Chosen Option : --

Q.13 ₹63,800 is to be divided between A and B in the ratio 4 : 7. The difference between their shares (in ₹) is:

- Ans**
- ✗ 1. 23,200
 - ✗ 2. 40,600
 - ✗ 3. 25,000
 - ✓ 4. 17,400

Question ID : 65497816370

Chosen Option : --

Q.14 The length of a rectangle is three-fifth of the radius of a circle. The radius of the circle is equal to the side of a square whose area is 6400 m^2 . The area (in m^2) of the rectangle, if the breadth is 20 m is:

- Ans
- 1. 1200
 - 2. 480
 - 3. 960
 - 4. 1000

Question ID : 65497816377
Chosen Option : --

Q.15 Due to 20% reduction in the price of wheat per kg, Ram is able to buy 5 kg more for ₹800. What is the original price (in ₹) of wheat per kg?

- Ans
- 1. 30
 - 2. 55
 - 3. 50
 - 4. 40

Question ID : 65497816367
Chosen Option : --

Q.16 A rectangular room has an area of 60 m^2 and perimeter of 34 m. The length of the diagonal of the rectangular room is same as the side of a square. The area of the square (in m^2) is:

- Ans
- 1. 169
 - 2. 144
 - 3. 300
 - 4. 244

Question ID : 65497816376
Chosen Option : --

Q.17 A person borrows ₹75,000 for 3 years at 5% simple interest. He lends it to B at 7% for 3 years. What is his gain (in ₹)?

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

Question ID : 65497816374
Chosen Option : --

Q.18 In an election, the votes cast for two candidates were in the ratio 4 : 9. If the successful candidate received 984321 votes, then the total votes polled were:

- Ans
- 1. 1712597
 - 2. 1421797
 - 3. 1912577
 - 4. 1571279

Question ID : 65497816371
Chosen Option : --

Q.19 A train takes 1 hour 20 minutes to travel between two stations, P and Q. If it travels at $\frac{5}{6}$ of its usual speed, how long will it take to travel between P and Q?

- Ans
- 1. 1 h 24 min
 - 2. 1 h 48 min
 - 3. 1 h 36 min
 - 4. 1 h 12 min

Question ID : 65497816363
Chosen Option : --

Q.20 There are four different numbers. The average of the first three numbers is three times the fourth number, and the average of all the four numbers is 55. What is the average of the first three numbers?

- Ans
- 1. 72
 - 2. 63
 - 3. 60
 - 4. 66

Question ID : 65497816364
Chosen Option : --

Q.21 The value of $\frac{13}{2} \left[15 \div \frac{3}{5} \text{ of } \frac{1}{2} + 76 + 1\frac{1}{2} \times 4\frac{1}{2} \div 3\frac{1}{4} \right]$ is:

- Ans
- 1. 832.5
 - 2. 732.5
 - 3. 832
 - 4. 830.5

Question ID : 65497815270
Chosen Option : --

Q.22 A certain sum amounts to ₹29,282 in 4 years at 10% p.a. when the interest is compounded yearly. What is the simple interest (in ₹) on the same sum for 5 years at the same rate?

- Ans**
- ✓ 1. 10,000
 - ✗ 2. 11,500
 - ✗ 3. 7,000
 - ✗ 4. 9,000

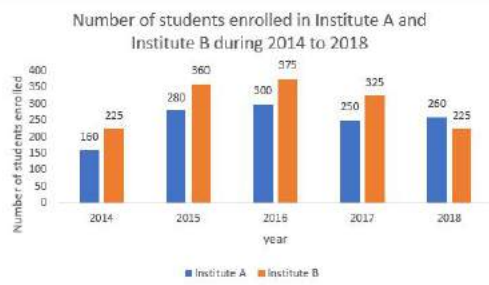
Question ID : 65497816373
Chosen Option : --

Q.23 A man bought two articles for ₹3,000 each. He sold one article at 10% profit and the other at 5% loss. What is the total profit or loss percentage?

- Ans**
- ✗ 1. Profit 10%
 - ✓ 2. Profit 2.5%
 - ✗ 3. No profit no loss
 - ✗ 4. Loss 7.5%

Question ID : 65497816368
Chosen Option : --

Q.24 Study the following bar graph that shows the number of students enrolled for different courses in institutes A and B during 5 years, and answer the question that follows.



The average number of students (per year) enrolled in B during 2015, 2016 and 2018 is what percentage more than the number of students enrolled in A during 2016 (correct to one decimal place)?

- Ans**
- ✗ 1. 7.6%
 - ✗ 2. 8.5%
 - ✗ 3. 5.8%
 - ✓ 4. 6.7%

Question ID : 65497816383
Chosen Option : --

Q.25 What is the value of x , if $[0.9 \{1.1 - 0.3(0.3 - 0.2 \div 0.5) + 0.4\}] \div 0.81 = x + 1$?

- Ans
- 1. -0.8
 - 2. 0.7
 - 3. 1
 - 4. -0.5

Question ID : 65497817491
Chosen Option : --

Section : General Awareness

Q.1 The impression of the body part of a dead insect on hardened mud is an example of a/an _____.

- Ans
- 1. sediment
 - 2. artifact
 - 3. compost
 - 4. fossil

Question ID : 65497818522
Chosen Option : 2

Q.2 As of July 2020, who among the following is the Union Minister of Law and Justice in India?

- Ans
- 1. Ravishankar Prasad
 - 2. Smriti Irani
 - 3. Mahendra Nath Pandey
 - 4. Gajendra Singh Shekhawat

Question ID : 65497818517
Chosen Option : 1

Q.3 Who among the following Indian footballers was NOT a goalkeeper?

- Ans
- 1. Bhaskar Ganguly
 - 2. Peter Thangaraj
 - 3. Bidesh Bose
 - 4. Brahmanand Salgaocar

Question ID : 65497818509
Chosen Option : 3

Q.4 Who among the following was the last ruler of Lodi dynasty of Delhi?

- Ans
- 1. Ibrahim Lodi
 - 2. Sikander Lodi
 - 3. Barbak Shah
 - 4. Bahlul Lodi

Question ID : 65497818528
Chosen Option : 1

Q.5 What is the Steam Point on the Fahrenheit scale?

- Ans
- 1. 32° F
 - 2. 100° F
 - 3. 212° F
 - 4. 80° F

Question ID : 65497818521
Chosen Option : 3

Q.6 As of July 2020, how many fundamental duties are meant for a citizen of India?

- Ans
- 1. 11
 - 2. 12
 - 3. 10
 - 4. 16

Question ID : 65497818518
Chosen Option : 1

Q.7 Who among the following is the author of the book 'Waiting for the Mahatma'?

- Ans
- 1. Anita Desai
 - 2. Srilal Shukla
 - 3. Gopinath Bordoli
 - 4. RK Narayan

Question ID : 65497818511
Chosen Option : 2

Q.8 Which of the following does NOT figure among the main objectives of the Self Help Groups in India?

- Ans
- 1. To provide loans with collateral
 - 2. To provide a platform to discuss and act on domestic violence
 - 3. To collect savings of their members
 - 4. To organise the rural poor into formation of groups

Question ID : 65497818516
Chosen Option : 3

Q.9 Which of the following ports is in Gujarat?

- Ans
- 1. Paradip
 - 2. Kandla
 - 3. Mormugao
 - 4. Panambur

Question ID : 65497818525
Chosen Option : 4

Q.10 What does 'p' stand for in 'pH'?

- Ans 1. Precipitation
 2. Percentage
 3. Potency
 4. Potenz

Question ID : 65497818523
Chosen Option : 2

Q.11 As of July 2020, which of the following is NOT a UNESCO World Heritage Site?

- Ans 1. Jantar Mantar, Delhi
 2. Jantar Mantar, Rajasthan
 3. Elephanta Caves, Maharashtra
 4. Rani Ki Vav, Gujarat

Question ID : 65497818507
Chosen Option : 1

Q.12 'प्रोडुनोवा' निम्नलिखित किस महिला खेल स्पर्धा से संबंधित है?

- Ans 1. साइकिलिंग
 2. जिमनास्टिक्स
 3. डाइविंग
 4. एककालिक तैराकी

Question ID : 65497818510
Chosen Option : 4

Q.13 With reference to the early Indian history, who among the following was famous in the field of medicine?

- Ans 1. Banabhatta
 2. Visakhadatta
 3. Harisena
 4. Charaka

Question ID : 65497818530
Chosen Option : 4

Q.14 Muhammad-bin-Tughlaq transferred his capital from Delhi to _____.

- Ans 1. Chunar
 2. Jaunpur
 3. Murshidabad
 4. Daulatabad

Question ID : 65497818529
Chosen Option : 4

Q.15 In the context of the banking sector in India, what does 'G' stand for in 'RTGS'?

- Ans
- 1. Gradual
 - 2. Grand
 - 3. Gross
 - 4. Gain

Question ID : 65497818515
Chosen Option : 3

Q.16 Which of the following is equivalent to coulomb per second?

- Ans
- 1. Faraday
 - 2. Ohm
 - 3. Volt
 - 4. Ampere

Question ID : 65497818520
Chosen Option : 1

Q.17 Who among the following was the 49th recipient of the Dadasaheb Phalke Award?

- Ans
- 1. Gulzar
 - 2. Vinod Khanna
 - 3. Amitabh Bachchan
 - 4. Manoj Kumar

Question ID : 65497818513
Chosen Option : 3

Q.18 When the process of formation of hydrogen by passing steam over red hot iron is presented in the form of a balanced chemical equation, then the number of water molecules on the left hand side of the equation is _____.

- Ans
- 1. three
 - 2. two
 - 3. one
 - 4. four

Question ID : 65497818524
Chosen Option : 2

Q.19 Which schedule of the Constitution of India deals with the allocation of seats in the Council of States?

- Ans
- 1. Fifth
 - 2. Fourth
 - 3. Eighth
 - 4. Sixth

Question ID : 65497818519
Chosen Option : 2

Q.20 The Hemkund Sahib Gurudwara is located in the state of:

- Ans 1. Uttarakhand
 2. Bihar
 3. Himachal Pradesh
 4. Punjab

Question ID : 65497818506
Chosen Option : 1

Q.21 The Economic Survey (of India) 2019-20 introduced the idea of " _____ as a public good that gets enhanced with greater use."

- Ans 1. employment
 2. trust
 3. entrepreneurship
 4. honesty

Question ID : 65497816393
Chosen Option : 3

Q.22 With which of the following sports disciplines is Dhanraj Pillay associated?

- Ans 1. Basketball
 2. Shooting
 3. Tennis
 4. Hockey

Question ID : 65497818512
Chosen Option : 4

Q.23 The town of Paro is a famous tourism destination of _____.

- Ans 1. Sri Lanka
 2. Bangladesh
 3. Bhutan
 4. India

Question ID : 65497818526
Chosen Option : 3

Q.24 Which of the following is NOT a tributary of the river Ganga?

- Ans 1. Son
 2. Ramganga
 3. Kali
 4. Penganga

Question ID : 65497818527
Chosen Option : 4

Q.25 Which of the following terms is associated with the 'Bharat natyam' dance form?

Ans 1. Tillana

2. Mangalacharan

3. Tharijham

4. Batu nritya

Question ID : 65497818508
Chosen Option : 2

Multi Tasking Non Technical Staff Examination 2020

Participant ID	
Participant Name	
Test Center Name	NDIIT New Delhi Institute of Information Technology and Management
Test Date	13/10/2021
Test Time :	12:30 PM - 2:00 PM
Subject	MTS Non Technical 2020

Section : **General English**

Q.1 Select the most appropriate one-word substitution for the given group of words.

A person who makes maps

- Ans 1. Cartographer
 2. Stenographer
 3. Calligrapher
 4. Biographer

Question ID : **65497815925**
Chosen Option : 1

Q.2 Select the INCORRECTLY spelt word.

- Ans 1. Receipt
 2. Greatful
 3. Column
 4. Accident

Question ID : **65497815927**
Chosen Option : 2

Q.3 Identify the segment in the sentence which contains a grammatical error.

I earn little money than my younger brother.

- Ans 1. little money
 2. than my
 3. I earn
 4. younger brother

Question ID : **65497815906**
Chosen Option : 1

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

FORMER

- Ans 1. latter
 2. further
 3. earlier
 4. anterior

Question ID : 65497815920
Chosen Option : 1

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

The students have been doing yoga since an hour.

- Ans 1. The students
 2. since an hour
 3. doing yoga
 4. have been

Question ID : 65497815907
Chosen Option : 2

Q.6 Select the most appropriate synonym of the given word.

COMPREHEND

- Ans 1. understand
 2. attack
 3. permit
 4. confess

Question ID : 65497815922
Chosen Option : 1

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

Hit the ceiling

- Ans 1. Explode in anger
 2. Reach the top
 3. Make good progress
 4. Have high hopes

Question ID : 65497815924
Chosen Option : 1

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

If we _____ any further, we will lose the contract.

- Ans
- 1. back
 - 2. delay
 - 3. late
 - 4. slow

Question ID : 65497815929
Chosen Option : 2

Q.9 Select the most appropriate one-word substitution for the given group of words.

An imaginary ideal society where people live in perfect conditions

- Ans
- 1. Idyll
 - 2. Myopia
 - 3. Countryside
 - 4. Utopia

Question ID : 65497815926
Chosen Option : 4

Q.10 Select the most appropriate meaning of the given idiom.

Months on end

- Ans
- 1. In a month's time
 - 2. End of the month
 - 3. Last month of the year
 - 4. Several months in a row

Question ID : 65497815923
Chosen Option : 1

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

_____ I saw the smoke, I realised there was a fire in the woods.

- Ans
- 1. Scarcely
 - 2. Although
 - 3. As soon as
 - 4. Unless

Question ID : 65497815909
Chosen Option : 3

Q.12 Select the most appropriate synonym of the given word.

YIELD

- Ans 1. retain
 2. deny
 3. submit
 4. assert

Question ID : 65497815921
Chosen Option : 1

Q.13 Select the most appropriate word to fill in the blank.

She received _____ for her beautiful handwriting.

- Ans 1. counsel
 2. confirmation
 3. compliments
 4. complements

Question ID : 65497815930
Chosen Option : 3

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

The guide gave us completed information about the historical castle.

- Ans 1. completed information
 2. about the
 3. historical castle
 4. The guide gave us

Question ID : 65497815905
Chosen Option : 1

Q.15 Select the INCORRECTLY spelt word.

- Ans 1. Possession
 2. Interrupt
 3. Guarantee
 4. Threshold

Question ID : 65497815928
Chosen Option : 2

Q.16 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 boys have gone for a morning walk, are they?

- Ans
- 1. haven't they
 - 2. have they
 - 3. No substitution required
 - 4. aren't they

Question ID : 65497817230
Chosen Option : 1

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

Yesterday, Mohini _____ her brother to lend her a pen.

- Ans
- 1. requests
 - 2. request
 - 3. has requested
 - 4. requested

Question ID : 65497815908
Chosen Option : 4

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

CROOKED

- Ans
- 1. straight
 - 2. curved
 - 3. hooked
 - 4. bent

Question ID : 65497815919
Chosen Option : 3

Q.19 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

Don't park your car here, the police should tow it away.

- Ans
- 1. ought to
 - 2. need to
 - 3. might
 - 4. No substitution required

Question ID : 65497815916
Chosen Option : 3

Q.20 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 government has ordered that all illegal structures around heritage buildings must be brought down.

- Ans
- 1. without
 - 2. towards
 - 3. into
 - 4. No substitution required

Question ID : 65497815009
Chosen Option : 4

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.

It is a common sight to find roads littered with scraps of paper, empty cans, cigarette stubs... the list is unending. It is sad that we (1)_____ pass by with a look of disgust (2)_____ do nothing to clean up the (3)_____. Littering pollutes the environment and can be (4)_____ for animals. It contaminates the soil and water and (5)_____ diseases.

SubQuestion No : 21

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

- Ans
- 1. exactly
 - 2. simply
 - 3. nearly
 - 4. fairly

Question ID : 65497815911
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.

It is a common sight to find roads littered with scraps of paper, empty cans, cigarette stubs... the list is unending. It is sad that we (1)_____ pass by with a look of disgust (2)_____ do nothing to clean up the (3)_____. Littering pollutes the environment and can be (4)_____ for animals. It contaminates the soil and water and (5)_____ diseases.

SubQuestion No : 22

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

- Ans
- 1. so
 - 2. but
 - 3. only
 - 4. than

Question ID : 65497815912
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.

It is a common sight to find roads littered with scraps of paper, empty cans, cigarette stubs... the list is unending. It is sad that we (1)_____ pass by with a look of disgust (2)_____ do nothing to clean up the (3)_____. Littering pollutes the environment and can be (4)_____ for animals. It contaminates the soil and water and (5)_____ diseases.

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

- Ans 1. chaos
 2. pattern
 3. wreck
 4. mess

Question ID : 65497815913
Chosen Option : 4

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.

It is a common sight to find roads littered with scraps of paper, empty cans, cigarette stubs... the list is unending. It is sad that we (1)_____ pass by with a look of disgust (2)_____ do nothing to clean up the (3)_____. Littering pollutes the environment and can be (4)_____ for animals. It contaminates the soil and water and (5)_____ diseases.

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

- Ans 1. final
 2. vital
 3. fatal
 4. trivial

Question ID : 65497815914
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.

It is a common sight to find roads littered with scraps of paper, empty cans, cigarette stubs... the list is unending. It is sad that we (1)_____ pass by with a look of disgust (2)_____ do nothing to clean up the (3)_____. Littering pollutes the environment and can be (4)_____ for animals. It contaminates the soil and water and (5)_____ diseases.

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

- Ans 1. have caused
 2. causes
 3. have been causing
 4. cause

Question ID : 65497815915
Chosen Option : 2

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

140, 141, 133, 160, 96, ?

- Ans
- 1. 337
 - 2. 311
 - 3. 221
 - 4. 276

Question ID : 65497815330
Chosen Option : 3

Q.2 Select the option figure that is NOT embedded in the given figure (X) as its part (rotation is NOT allowed).



Ans

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

Question ID : 65497815346
Chosen Option : 1

Q.3 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:
Some clothes are curtains.
All curtains are fibres.

Conclusions:
I. Some fibres are clothes.
II. No fibre is a cloth.

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

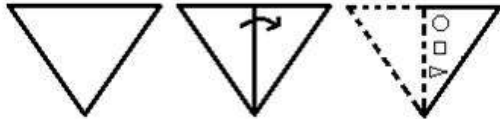
Question ID : 65497815339
Chosen Option : 1

Q.4 In a certain code language, 'PRUNE' is written as '74'. How will 'LONDON' be written in that language?

- Ans
- 1. 121
 - 2. 60
 - 3. 112
 - 4. 74

Question ID : 65497815333
Chosen Option : 4

Q.5 A paper is folded and cut as shown below. How will it appear when unfolded?



Ans

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

Question ID : 65497815348
Chosen Option : 3

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

ZML, WKK, TIJ, QGI, ?

- Ans
- 1. MEH
 - 2. ODH
 - 3. NDG
 - 4. NEH

Question ID : 65497815338
Chosen Option : 4

Q.7 In a certain code language, 'FORT' is written as '6301820' and 'PRICE' is written as '161818310'. How will 'FUTILE' be written in that language?

- Ans
- 1. 64220091205
 - 2. 64220181210
 - 3. 62120091210
 - 4. 62220181310

Question ID : 65497815334
Chosen Option : 2

Q.8 In a certain code language, 'CAMPHOR' is written as 'HZLOGNW' and 'FASTEN' is written as 'KZRSDS'. How will 'NATIONAL' be written in that language?

- Ans
- 1. SZSINOZK
 - 2. TZUHNMQ
 - 3. MZSHNMZK
 - 4. SZSHNMZQ

Question ID : 65497815332
Chosen Option : 4

Q.9 Select the set of classes the relationship among which is best illustrated by the following Venn diagram.



- Ans
- 1. Spices, Cumin, Spinach
 - 2. Animals, Plants, Cucumbers
 - 3. Engineers, Doctors, Pharmacists
 - 4. Wheat, Maize, Cereals

Question ID : 65497815349
Chosen Option : 4

Q.10 In a certain code language, 'BROWN' is written as 'ORBNW'. How will 'LUCKY' be written in that language?

- Ans
- 1. CKUYL
 - 2. CULYK
 - 3. UKLCY
 - 4. CLUYK

Question ID : 65497815331
Chosen Option : 2

Q.11 Which two signs should be interchanged to make the given equation correct?

$$8 \times 9 \div 15 + 30 - 5 = 63$$

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

Question ID : 65497815325
Chosen Option : 4

Q.12 Select the option that is related to the third number in the same way as the second number is related to the first number.

$$8 : 108 :: 12 : ?$$

- Ans
- 1. 208
 - 2. 225
 - 3. 135
 - 4. 150

Question ID : 65497815327
Chosen Option : 1

Q.13 Which two numbers should be interchanged to make the given equation correct?

$$14 \times 7 - 25 \div 5 + 95 = 104$$

- Ans
- 1. 14 and 95
 - 2. 25 and 7
 - 3. 7 and 5
 - 4. 25 and 95

Question ID : 65497815326
Chosen Option : 4

Q.14 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 jewels are metals.
No metal is a diamond.

Conclusions:
I. No jewel is a diamond.
II. No diamond is a metal.
III. Some metals are jewels.

- Ans
- 1. Only conclusions I and II follow
 - 2. Only conclusions I and III follow
 - 3. Only conclusions II and III follow
 - 4. All of the conclusions follow

Question ID : 65497815340
Chosen Option : 4

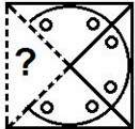
Q.15 Which of the following numbers will replace the question mark (?) in the given series?

20, 44, 92, 188, 380, ?

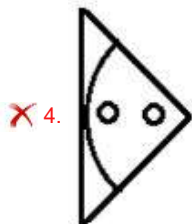
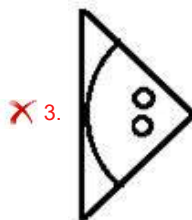
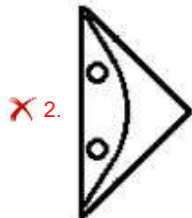
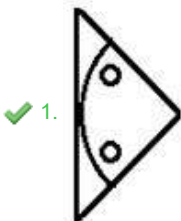
- Ans
- 1. 884
 - 2. 760
 - 3. 880
 - 4. 764

Question ID : 65497815329
Chosen Option : 4

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



Ans



Question ID : 65497815345
Chosen Option : 1

Q.17 Select the option that is related to the third word in the same way as the second word is related to the first word.

Gymnasium : Exercise : : School : ?

- Ans
- 1. Curriculum
 - 2. Teachers
 - 3. Students
 - 4. Education

Question ID : 65497815337
Chosen Option : 4

Q.18 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

11 9 11
7 8 ?
324 289 441

- Ans
- 1. 10
 - 2. 11
 - 3. 12
 - 4. 9

Question ID : 65497815328
Chosen Option : 1

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.

FLKU : VLMG : : DPJMR : ?

- Ans
- 1. SOKRE
 - 2. SNKQE
 - 3. XQKNT
 - 4. TNKOE

Question ID : 65497815335
Chosen Option : 2

Q.20 If $B = D$, $C = U$, $B > G$, $U > R$ and $C > S$, then which of the following expressions is NOT correct?

- Ans
- 1. $S < C$
 - 2. $S < U$
 - 3. $C < R$
 - 4. $G < D$

Question ID : 65497815343
Chosen Option : 3

Q.21 Select the correct mirror image of the given combination when the mirror is placed at MN as shown below.

X B 7 5 G R



- Ans
- 1. X B 7 5 G R
 - 2. X B 7 2 G R
 - 3. X B 7 5 G R
 - 4. X B 7 2 G R

Question ID : 65497815347
Chosen Option : 4

Q.22 Select the option that is related to the third word in the same way as the second word is related to the first word.

Chef : Food : : Carpenter : ?

- Ans
- 1. Construction
 - 2. Axe
 - 3. Wood cutter
 - 4. Furniture

Question ID : 65497815336
Chosen Option : 4

Q.23 Eight friends P, Q, R, S, T, U, V and W are sitting anticlockwise at equal distances in the same sequence around a circular table. All are facing the centre of the table. If T is sitting in the West, then who is sitting at the third place to the left of P?

- Ans
- 1. S
 - 2. V
 - 3. U
 - 4. W

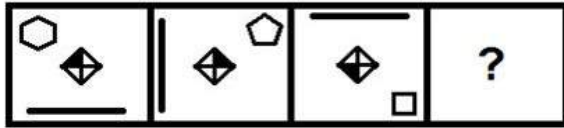
Question ID : 65497815342
Chosen Option : 3

Q.24 In a line, five friends P, Q, R, S and T are sitting, all facing East. P is sitting at the second place to the left of T. R is third to the left of S and also to the immediate right of P. Which two persons are sitting at the corners?

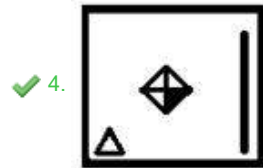
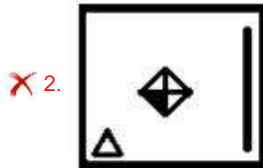
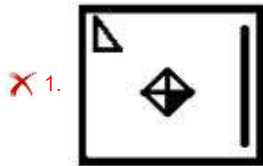
- Ans
- 1. Q and R
 - 2. Q and T
 - 3. P and Q
 - 4. P and S

Question ID : 65497815341
Chosen Option : 4

Q.25 Select the option that will replace the question mark (?) in the following figure series.



Ans



Question ID : 65497815344
Chosen Option : 4

Section : Numerical Aptitude

Q.1 If the mean of the following data is 9, then find the value of k.

11, (k-2), 7, (k-1), 11, 16, 12, 15, (k-1), 13

Ans ✗ 1. 4

✗ 2. 5

✓ 3. 3

✗ 4. 2

Question ID : 65497817789
Chosen Option : 3

Q.2 A shopkeeper marks every item available in his shop at 20% higher than the actual cost price. He offers a discount of 10% on every item. If an item is sold for ₹5,400, find his profit percentage.

- Ans**
- 1. 4%
 - 2. 8%
 - 3. 6.6%
 - 4. 15%

Question ID : 65497817783
Chosen Option : 2

Q.3 Sudhir took a loan of ₹15,000 on simple interest for as many years as the rate of interest. If he paid ₹7,350 as interest at the end of the loan period, then what was the rate of interest per annum?

- Ans**
- 1. 15%
 - 2. 49%
 - 3. 10%
 - 4. 7%

Question ID : 65497817788
Chosen Option : 4

Q.4 Three numbers are in the ratio $\frac{4}{9} : \frac{2}{3} : \frac{3}{4}$. The difference between the greatest and the smallest numbers is 33. Find the greatest number.

- Ans**
- 1. 66
 - 2. 72
 - 3. 48
 - 4. 81

Question ID : 65497817785
Chosen Option : 4

Q.5 The average time taken by 7 athletes in a race is 2 minutes 10 seconds. If the winner completed the race in 1 minute 40 seconds, then the average time taken by the other athletes is:

- Ans**
- 1. 2 minutes 35 seconds
 - 2. 2 minutes 45 seconds
 - 3. 2 minutes 15 seconds
 - 4. 2 minutes 25 seconds

Question ID : 65497817778
Chosen Option : 3

Q.6 The simplified value of $6 - \left[\left\{ \left(\frac{20}{24} \div \frac{1}{2} \right) + \frac{48}{56} - \frac{6}{7} \right\} \text{ of } \frac{6}{10} - 7 \right]$ is:

- Ans
- 1. 12
 - 2. 13
 - 3. 0
 - 4. 9

Question ID : 65497818198
Chosen Option : 1

Q.7 A shopkeeper sold some bedsheets of one variety for ₹12,000 for 20% profit, and some bedsheets of another variety for ₹10,350 for 15% profit. What was his overall profit on the sale of these bedsheets?

- Ans
- 1. ₹3,750
 - 2. ₹3,350
 - 3. ₹3,552.50
 - 4. ₹3,952.50

Question ID : 65497817782
Chosen Option : 2

Q.8 A pool has 3 taps. The first tap takes 3 days, the second tap takes 2 days, and the third tap takes 18 hours, to fill the pool. All the three taps are opened together. After 8 hours, the second tap is closed. The total time to fill the pool completely will be:

- Ans
- 1. $\frac{128}{11}$ hours
 - 2. 12 hours
 - 3. $\frac{144}{13}$ hours
 - 4. 4 hours

Question ID : 65497817775
Chosen Option : 2

Q.9 A man cycling at a uniform speed of 10 km/h crosses a bridge in 90 seconds. The length of the bridge is:

- Ans
- 1. 150 m
 - 2. 25 m
 - 3. 250 m
 - 4. 15 m

Question ID : 65497817776
Chosen Option : 3

Q.10 Kamal and her sister together have ₹2,100. On taking ₹300 from her sister, Kamal will have the same amount as what her sister had earlier. Find the ratio of the initial amounts that Kamal and her sister had.

- Ans
- 1. 3 : 4
 - 2. 1 : 1
 - 3. 4 : 3
 - 4. 5 : 9

Question ID : 65497817784

Chosen Option : 1

Q.11 The value of $3\frac{1}{9} \div \frac{4}{9}$ of $\left(7\frac{3}{10} + 3\frac{1}{5}\right) + \frac{4}{5} \div 2\frac{2}{5}$ is:

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

Question ID : 65497815977

Chosen Option : 2

Q.12 Kamala has three cylindrical containers, each with radius 20 cm that she wants to fill with grain. If her bag of grain contains 100 kg of grain, and she fills all three containers to a height of 70 cm, how much grain will be left in the bag, if 1 kg grain occupies 3000 cm^3 space? (Use $\pi = \frac{22}{7}$)

- Ans
- 1. 88 kg
 - 2. 50 kg
 - 3. 58 kg
 - 4. 12 kg

Question ID : 65497817792

Chosen Option : 4

Q.13 A transporter drives his truck for the first 4 hours of his journey at a speed of 90 km/h, and the remaining distance in 6 hours at a speed of 50 km/h. What is the average speed of the truck (in km/h)?

- Ans
- 1. 64
 - 2. 70
 - 3. 60
 - 4. 66

Question ID : 65497817779

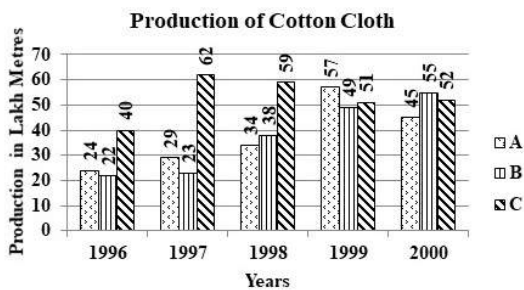
Chosen Option : 4

Q.14 Two girls move in opposite directions, one from A to B and the other from B to A. The girl from A reaches the destination in 12 minutes. The girl from B stops on the way for 10 minutes and reaches her destination in 25 minutes. If A's speed is 5 km/h, then what is the speed of B?

- Ans
- 1. 3 km/h
 - 2. $1\frac{5}{7}$ km/h
 - 3. 4 km/h
 - 4. 2.4 km/h

Question ID : 65497817777
Chosen Option : 3

Q.15 The following graph shows the production of cotton cloth (in lakh metres) by three companies A, B and C over the years.



What is the ratio of the production of Company C in the years 1996 and 1997 to the production of Company B in the years 1999 and 2000?

- Ans
- 1. 3 : 11
 - 2. 51 : 52
 - 3. 11 : 3
 - 4. 52 : 51

Question ID : 65497817798
Chosen Option : 2

Q.16 A person invests ₹10,000 at the rate of 10% per annum for 2 years on simple interest. How much more interest will be earned if he is paid compound interest instead of simple interest, interest being compounded annually?

- Ans
- 1. ₹100
 - 2. ₹4,100
 - 3. ₹2,100
 - 4. ₹1

Question ID : 65497817787
Chosen Option : 1

Q.17 A square park has area $4356 m^2$. Taking its one round is same as taking one round of another circular park. Find the area of the circular park. (Use $\pi = \frac{22}{7}$)

- Ans**
- 1. $11088 m^2$
 - 2. $5544 m^2$
 - 3. $22176 m^2$
 - 4. $1386 m^2$

Question ID : 65497817791
Chosen Option : 2

Q.18 Kulbhushan started a juice (syrup + water) counter. Initially, he had 140 litres of juice which had 40% water in it. He sold 30 litres of the juice. Then he added equal amounts of syrup and water. Now the ratio of water to syrup became 3 : 4. What quantity of water was added?

- Ans**
- 1. 24 litres
 - 2. 28 litres
 - 3. 26 litres
 - 4. 22 litres

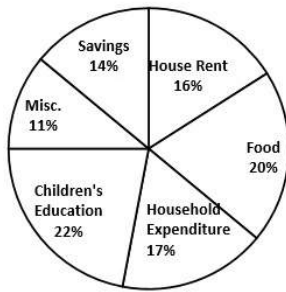
Question ID : 65497817786
Chosen Option : 2

Q.19 The radius of a spherical balloon increases from 6 cm to 10 cm when more air is pumped into it. The ratio in the surface area of the original balloon and the inflated balloon is:

- Ans**
- 1. 4 : 5
 - 2. 27 : 125
 - 3. 3 : 5
 - 4. 9 : 25

Question ID : 65497817790
Chosen Option : 4

Q.20 The Gupta family spends their monthly income on different heads as shown in the following pie chart.



What is the central angle of the combined section for House Rent and Savings?

- Ans**
- 1. 30°
 - 2. 100°
 - 3. 90°
 - 4. 108°

Question ID : 65497817797
Chosen Option : 4

Q.21 In a school, some students from section A were shifted to section B of Class X, and thereby, the number of students in section B increased by 12%. But at a later stage, all of them were shifted back to section A. By what percentage (correct up to two decimal places) did the number of students of section B decrease?

- Ans**
- 1. 12%
 - 2. 10.71%
 - 3. 11%
 - 4. 0%

Question ID : 65497817781
Chosen Option : 2

Q.22 For a 14-day camp, sufficient supplies are available for 300 people. 50 more people arrive on day 1 itself. For how many days will these supplies be sufficient for all these people?

- Ans**
- 1. 12
 - 2. 11
 - 3. 10
 - 4. 13

Question ID : 65497817774
Chosen Option : 1

Q.23 Two dealers offer an item at the same marked price, ₹2,000. Due to the festive season, the first dealer allows successive discounts of 25% and 15%, and the other dealer allows successive discounts of 10% and 30%. At what price is the item available in the better offer?

- Ans
- 1. ₹1,275
 - 2. ₹1,250
 - 3. ₹1,260
 - 4. ₹1,255

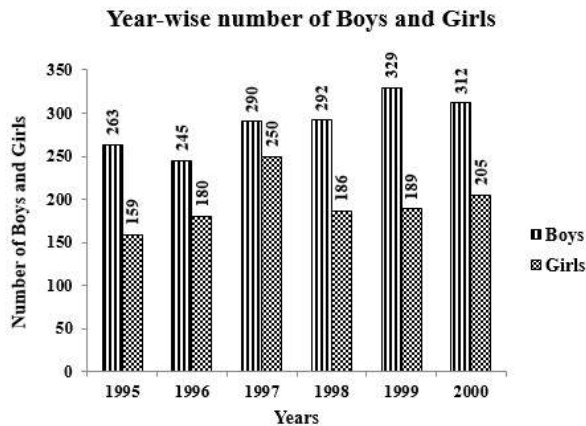
Question ID : 65497817780
Chosen Option : 3

Q.24 The sum of two numbers is 140. If their LCM is 240 and HCF is 20, then find the smaller number.

- Ans
- 1. 60
 - 2. 140
 - 3. 20
 - 4. 80

Question ID : 65497817793
Chosen Option : 1

Q.25 The record of the enrollment of boys and girls in a school over 6 years has been presented in the following bar graph.



In which year was the total enrollment the minimum?

- Ans
- 1. 2000
 - 2. 1996
 - 3. 1995
 - 4. 1998

Question ID : 65497817796
Chosen Option : 3

Q.1 The capital of the British Indian Empire was transferred from Calcutta to Delhi in:

Ans 1. 1911

2. 1905

3. 1907

4. 1909

Question ID : 65497815903

Chosen Option : 1

Q.2 Meenakshi Srinivasan is an exponent of which of the following dance forms?

Ans 1. Kathakali

2. Bharatnatyam

3. Kuchipudi

4. Kathak

Question ID : 65497815882

Chosen Option : --

Q.3 Which of the following teams won the 2019 Indian Premier League (IPL) cricket tournament?

Ans 1. Royal Challengers Bangalore

2. Mumbai Indians

3. Chennai Super Kings

4. Kolkata Knight Riders

Question ID : 65497815883

Chosen Option : 2

Q.4 Which of the following processes converts liquid directly into its vapour form?

Ans 1. Evaporation

2. Sublimation

3. Condensation

4. Vaporisation

Question ID : 65497815894

Chosen Option : 1

Q.5 Who among the following was the first Finance Minister of independent India?

Ans 1. RK Shanmukham Chetty

2. TT Krishnamachari

3. Syama Prasad Mukherjee

4. Jagjivan Ram

Question ID : 65497815892

Chosen Option : 1

Q.6 Who among the following was appointed as the Chief Information Commissioner (CIC) in March 2020?

- Ans 1. Ajay Bhushan Pandey
 2. Satish Kumar Sharma
 3. Amita Pandove
 4. Bimal Julka

Question ID : 65497815885
Chosen Option : 1

Q.7 LAC (Line of Actual Control) is the effective border between India and:

- Ans 1. Bangladesh
 2. Myanmar
 3. Afghanistan
 4. China

Question ID : 65497815899
Chosen Option : 4

Q.8 Under the Prime Minister Mudra Yojna, loans for income generating activities up to _____ are termed as Shishu loans.

- Ans 1. ₹50,000
 2. ₹75,000
 3. ₹60,000
 4. ₹40,000

Question ID : 65497815080
Chosen Option : 1

Q.9 Which of the following states has the highest number of Legislative Assembly (Vidhan Sabha) Constituencies?

- Ans 1. Rajasthan
 2. Maharashtra
 3. Uttar Pradesh
 4. Madhya Pradesh

Question ID : 65497815891
Chosen Option : 3

Q.10 In which year was the Securities Appellate Tribunal (SAT) established in India?

- Ans 1. 1990
 2. 1992
 3. 1994
 4. 1997

Question ID : 65497817202
Chosen Option : --

Q.11 Who among the following won the Sahitya Akademi Award 2019 in the English non-fiction category?

- Ans 1. Roshani Chokshi
 2. Shashi Tharoor
 3. Raghu Karnad
 4. Amitabha Bagchi

Question ID : 65497815887
Chosen Option : --

Q.12 What was the literacy rate of India as per the Census of 2011?

- Ans 1. 72.0%
 2. 61.0%
 3. 74.0%
 4. 81.5%

Question ID : 65497815900
Chosen Option : 3

Q.13 Which of the following is an example of an infectious disease?

- Ans 1. Tuberculosis
 2. Dementia
 3. Pulmonary hypertension
 4. Diabetes

Question ID : 65497815895
Chosen Option : 1

Q.14 Which of the following statements is correct?

- Ans 1. Twelve members of the Rajya Sabha are nominated by the Chairman of the Rajya Sabha.
 2. Twelve members of the Rajya Sabha are nominated by the President.
 3. Fifteen members of the Rajya Sabha are nominated by the Prime Minister.
 4. Fifteen members of the Rajya Sabha are nominated by the President.

Question ID : 65497815893
Chosen Option : 2

Q.15 Which of the following types of mirrors show lateral inversion of light?

- Ans 1. Convex mirror
 2. Concave mirror
 3. Rectangle mirror
 4. Plane mirror

Question ID : 65497815897
Chosen Option : 4

Q.16 In which of the following parts of the human body is the masseter muscle located?

- Ans
- 1. Hand
 - 2. Thigh
 - 3. Jaw
 - 4. Chest

Question ID : 65497815898
Chosen Option : 2

Q.17 Who among the following founded the organisation 'East India Association'?

- Ans
- 1. Gopal Krishna Gokhale
 - 2. George Yule
 - 3. Womesh Chandra Bonnerjee
 - 4. Dadabhai Naoroji

Question ID : 65497815904
Chosen Option : --

Q.18 SC Jamir, one of the recipients of the Padma Bhushan 2020 award, received the award for his contribution in:

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

Question ID : 65497815886
Chosen Option : 1

Q.19 Which among the following is NOT one of the four locations of the 'Kumbh Mela'?

- Ans
- 1. Ujjain
 - 2. Haridwar
 - 3. Prayagraj
 - 4. Varanasi

Question ID : 65497815880
Chosen Option : 4

Q.20 Who won Tour de France in 2020?

- Ans
- 1. Sepp Kuss
 - 2. Rudy Molard
 - 3. Romain Sicard
 - 4. Tadej Pogacar

Question ID : 65497815884
Chosen Option : --

Q.21 Where did Lord Mahavira attain salvation?

- Ans 1. Sonagiri
 2. Pawapuri
 3. Shravanabelagola
 4. Mount Abu

Question ID : 65497815881
Chosen Option : 2

Q.22 The index titled SENSEX of BSE (erstwhile Bombay Stock Exchange) is an index of trading of top _____ companies in terms of their volume of trade and their share prices.

- Ans 1. ten
 2. thirty
 3. hundred
 4. fifty

Question ID : 65497815890
Chosen Option : 2

Q.23 The First Buddhist Council is said to have been patronised by:

- Ans 1. Porus
 2. Ashoka
 3. Ajatashatru
 4. Chandragupta Maurya

Question ID : 65497815902
Chosen Option : 3

Q.24 The Deccan Plateau is a triangular shaped plateau and is bounded by the _____ range in the North.

- Ans 1. Arravalis
 2. Satpura
 3. Western Ghats
 4. Vindhya

Question ID : 65497815901
Chosen Option : 2

Q.25 Which of the following causative agents causes the disease 'kala-azar'?

- Ans 1. Bacteria
 2. Fungus
 3. Protozoa
 4. Virus

Question ID : 65497815896
Chosen Option : 3

Multi Tasking Non Technical Staff Examination 2020

Participant ID	
Participant Name	
Test Center Name	Arwachin Bharti Bhawan Sr.Sec School
Test Date	13/10/2021
Test Time :	4:00 PM - 5:30 PM
Subject	MTS Non Technical 2020

Section : **General English**

Q.1 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

Prema's exceptional good looks always distinguish her from the rest of her sisters.

Ans 1. distinguishing

2. No substitution required

3. distinguishes

4. are distinguish

Question ID : **65497814605**
Chosen Option : **2**

Q.2 Select the most appropriate ANTONYM of the given word.

BRIGHT

Ans 1. Colourful

2. Bleak

3. Charming

4. Active

Question ID : **65497815112**
Chosen Option : **2**

Q.3 Select the INCORRECTLY spelt word.

Ans 1. Receive

2. Conceive

3. Seive

4. Perceive

Question ID : **65497815120**
Chosen Option : **3**

Q.4 Select the word which means the same as the group of words given.

A person who knows everything

- Ans 1. Omnipresent
 2. Omniscient
 3. Omnipotent
 4. Omnivorous

Question ID : 65497815118
Chosen Option : 2

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

A rotten apple

- Ans 1. A time when things are left to spoil
 2. A single bad person or thing in a group
 3. A single moment when things change
 4. A tree which gives poor produce

Question ID : 65497815115
Chosen Option : 2

Q.6 Select the word which means the same as the group of words given.

Scientific study of mind and behaviour

- Ans 1. Philosophy
 2. Astrology
 3. Neurology
 4. Psychology

Question ID : 65497815117
Chosen Option : 4

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'.

The children have been quarrelling all the time, are they?

- Ans 1. have they
 2. haven't they
 3. aren't they
 4. No substitution required

Question ID : 65497816826
Chosen Option : 2

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

Rohit said that he would save me from been scold by father.

- Ans
- 1. said that
 - 2. he would
 - 3. save me
 - 4. been scold

Question ID : 65497815099
Chosen Option : 4

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

INEXPENSIVE

- Ans
- 1. Costly
 - 2. Attractive
 - 3. Cheap
 - 4. Unaffordable

Question ID : 65497815113
Chosen Option : 3

Q.10 Select the most appropriate meaning of the given idiom.

Giving a false alarm

- Ans
- 1. A situation when people ring an alarm bell to frighten everybody just for fun
 - 2. A situation when people wrongly think that something bad is going to happen
 - 3. A situation when people don't think that something is good and the opposite happens
 - 4. A situation when things go wrong and everything bad happens

Question ID : 65497815116
Chosen Option : 3

Q.11 Identify the segment in the sentence which contains a grammatical error.

Both Renu and her sister is very tall and are in the basketball team.

- Ans
- 1. in the basketball team
 - 2. is very tall
 - 3. and her sister
 - 4. and are

Question ID : 65497815098
Chosen Option : 2

Q.12 Select the most appropriate word to fill in the blank.

_____ it was snowing we decided to carry on driving in the mountains.

- Ans
- 1. However
 - 2. If
 - 3. Unless
 - 4. Though

Question ID : 65497815100
Chosen Option : 4

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.'

Aren't it difficult to drive a car in a crowded city?

- Ans
- 1. No substitution required
 - 2. Hasn't
 - 3. Isn't
 - 4. Hadn't

Question ID : 65497815108
Chosen Option : 3

Q.14 Select the most appropriate ANTONYM of the given word.

NATIVE

- Ans
- 1. Resident
 - 2. Heavenly
 - 3. Free
 - 4. Alien

Question ID : 65497815111
Chosen Option : 4

Q.15 Select the most appropriate word to fill in the blank.

Most countries are now beginning to show a _____ in their economy and there's a sense of relief.

- Ans
- 1. downturn
 - 2. setback
 - 3. growth
 - 4. dismay

Question ID : 65497815121
Chosen Option : 3

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

We were not able to watched the movie due to lockdown.

- Ans** 1. able to watched
 2. the movie
 3. were not
 4. due to

Question ID : 65497815097
Chosen Option : 1

Q.17 Select the most appropriate synonym of the given word.

INVESTIGATE

- Ans** 1. Discover
 2. Reveal
 3. Search
 4. Prepare

Question ID : 65497815114
Chosen Option : 3

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

The Registrar informed the candidate that the last date _____ submission of forms was over.

- Ans** 1. at
 2. for
 3. to
 4. in

Question ID : 65497815101
Chosen Option : 2

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

My joy knew no _____ when I met my family after five years.

- Ans** 1. pleasure
 2. attention
 3. sadness
 4. bounds

Question ID : 65497815122
Chosen Option : 4

Q.20 Select the INCORRECTLY spelt word.

- Ans 1. Tuition
 2. Grammar
 3. Defination
 4. Allergy

Question ID : 65497815119
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 the past few months Twinkle and Himanshu Kalia have been relentlessly (1)_____ to ensure that Covid patients and those suspected to (2)_____ reach the hospital by providing them ambulance service. Twinkle and her husband (3)_____ drive two of their fleet of 10 private ambulances. Twinkle herself caught the virus (4)_____ driving patients to hospitals or funeral grounds. But she did not (5)_____ her work and started working once she was fit.

SubQuestion No : 21

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

- Ans 1. working
 2. worked
 3. works
 4. work

Question ID : 65497815103
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 the past few months Twinkle and Himanshu Kalia have been relentlessly (1)_____ to ensure that Covid patients and those suspected to (2)_____ reach the hospital by providing them ambulance service. Twinkle and her husband (3)_____ drive two of their fleet of 10 private ambulances. Twinkle herself caught the virus (4)_____ driving patients to hospitals or funeral grounds. But she did not (5)_____ her work and started working once she was fit.

SubQuestion No : 22

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

- Ans 1. had affected
 2. have affected
 3. be affected
 4. be affect

Question ID : 65497815104
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 the past few months Twinkle and Himanshu Kalia have been relentlessly (1)_____ to ensure that Covid patients and those suspected to (2)_____ reach the hospital by providing them ambulance service. Twinkle and her husband (3)_____ drive two of their fleet of 10 private ambulances. Twinkle herself caught the virus (4)_____ driving patients to hospitals or funeral grounds. But she did not (5)_____ her work and started working once she was fit.

SubQuestion No : 23

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

- Ans 1. herself
 2. themselves
 3. itself
 4. ourselves

Question ID : 65497815105
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 the past few months Twinkle and Himanshu Kalia have been relentlessly (1)_____ to ensure that Covid patients and those suspected to (2)_____ reach the hospital by providing them ambulance service. Twinkle and her husband (3)_____ drive two of their fleet of 10 private ambulances. Twinkle herself caught the virus (4)_____ driving patients to hospitals or funeral grounds. But she did not (5)_____ her work and started working once she was fit.

SubQuestion No : 24

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

- Ans 1. since
 2. for
 3. while
 4. because

Question ID : 65497815106
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 the past few months Twinkle and Himanshu Kalia have been relentlessly (1)_____ to ensure that Covid patients and those suspected to (2)_____ reach the hospital by providing them ambulance service. Twinkle and her husband (3)_____ drive two of their fleet of 10 private ambulances. Twinkle herself caught the virus (4)_____ driving patients to hospitals or funeral grounds. But she did not (5)_____ her work and started working once she was fit.

SubQuestion No : 25

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

- Ans 1. escape
 2. redeem
 3. continue
 4. abandon

Question ID : 65497815107
Chosen Option : 4

Section : General Intelligence and Reasoning

Q.1 In a certain code language, SQUARE is coded as RP51Q2 and CUBE is coded as B5A2. How will TRIANGLE be coded in the same language?

- Ans
- 1. SQ114HM2
 - 2. 5S11OHM2
 - 3. SQ31MFK2
 - 4. SQ13FMK2

Question ID : 65497817455
Chosen Option : 3

Q.2 In a certain code language, SWIM is written as HDRN. How will CLEAR be written in the same code language?

- Ans
- 1. YOZUR
 - 2. OVXZR
 - 3. XVOIZ
 - 4. XOVZI

Question ID : 65497817453
Chosen Option : 4

Q.3 Five students Ahmad, Rohit, Charu, Deeksha and Chinmayi, are sitting in a row facing you such that Deeksha is on the left of Charu and Rohit is on the right of Chinmayi. Ahmad is on the right of Charu and Rohit is on the left of Deeksha. If Chinmayi occupies a corner position, then who is sitting in the centre?

- Ans
- 1. Rohit
 - 2. Deeksha
 - 3. Charu
 - 4. Ahmad

Question ID : 65497817462
Chosen Option : 2

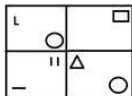
Q.4 Study the following series carefully and select the option that represents the value of B.

7 21 84 420
15 45 A B

- Ans
- 1. 720
 - 2. 850
 - 3. 900
 - 4. 950

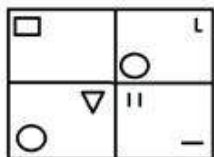
Question ID : 65497817451
Chosen Option : 3

Q.5 Select the correct mirror image of the given figure when the mirror is placed to the right side of the figure.

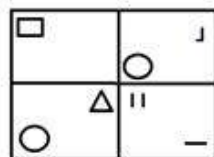


Ans

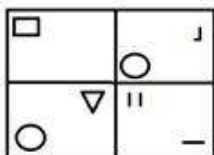
✗ 1.



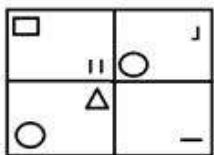
✓ 2.



✗ 3.



✗ 4.



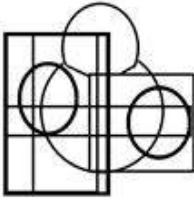
Question ID : 65497817468
Chosen Option : 2

Q.6 Select the option in which the given figure is embedded (rotation is NOT allowed).

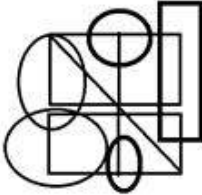


Ans

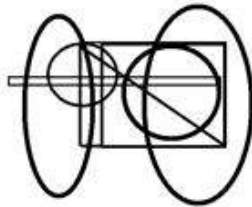
✗ 1.



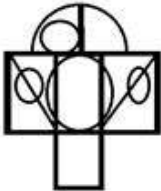
✗ 2.



✓ 3.



✗ 4.



Question ID : 65497817467
Chosen Option : 3

Q.7 उस विकल्प का चयन करें, जो तीसरे अक्षर-समूह से ठीक उसी प्रकार संबंधित है, जिस प्रकार दूसरा अक्षर-समूह पहले अक्षर-समूह से संबंधित है।

सुरक्षा : शील्ड :: अनावरण :

Ans ✗ 1. चोट

✗ 2. कवर

✗ 3. धमकाना

✓ 4. प्रकटीकरण

Question ID : 65497817458
Chosen Option : 4

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

75 : 9 :: 15 : ?

- Ans 1. 13
 2. 45
 3. 135
 4. 225

Question ID : 65497817448
Chosen Option : 2

Q.9 Three statements are given, followed by three conclusions numbered I, II and III. Assuming that the information given in the statements is true, even if it appears to be different than commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

1. No leaves are green.
2. All fruits are greens.
3. Some sweets are fruits.

Conclusions:

- I. No leaves are fruits.
- II. All sweets are greens.
- III. Some leaves can be greens.

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

Question ID : 65497817461
Chosen Option : 4

Q.10 In a certain code language, SOCKS is written as OKYGO. How will GLORY be written in the same code language?

- Ans 1. CKHNU
 2. CKHUM
 3. CHKMC
 4. CHKNU

Question ID : 65497817452
Chosen Option : 4

Q.11 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.

ACTION : EXPNSI :: SISTER : ?

- Ans 1. UDPZIM
 2. WDOYIM
 3. VDOYIN
 4. WEOZJN

Question ID : 65497817456
Chosen Option : 2

Q.12 Select the option that is related to the third term in the same way as the second term is related to the first term.

Pencil : Sharpener :: Wood : ?

- Ans**
- 1. Rubber
 - 2. Tree
 - 3. Axe
 - 4. Screwdriver

Question ID : 65497817457
Chosen Option : 3

Q.13 Two statements are given, followed by two conclusions numbered I and II. Assuming that the information given in the statements is true, even if it appears to be different than commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

1. All spoons are rounds.
2. All rounds are shapes.

Conclusions:

- I. Some shapes are rounds.
- II. All spoons are shapes.

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

Question ID : 65497817460
Chosen Option : 1

Q.14 Select the number that can replace the question mark (?) in the following series.

7, 8, 15, 18, 23, 28, 31, 38, ?

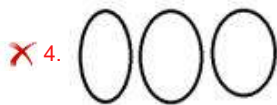
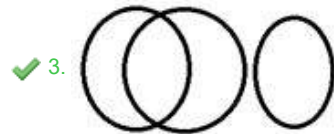
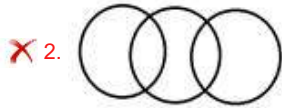
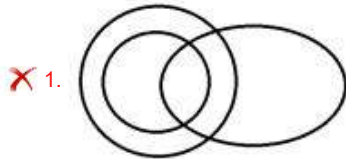
- Ans**
- 1. 39
 - 2. 48
 - 3. 45
 - 4. 43

Question ID : 65497817450
Chosen Option : 1

Q.15 Select the Venn diagram that best illustrates the relationship between the following classes.

Diary, Pages, Pen

Ans



Question ID : 65497817470
Chosen Option : 4

Q.16 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

3 5 13
8 12 92
8 16 ?

Ans 1. 120

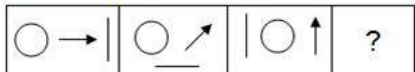
2. 124

3. 128

4. 136

Question ID : 65497817449
Chosen Option : 1

Q.17 Select the option figure that will replace question mark (?) in the following figure series.

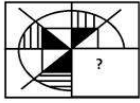


Ans



Question ID : 65497817465
Chosen Option : 4

Q.18 Given below is a pattern out of which a section has been cut. Select the option which, when placed correctly, will complete the pattern.



Ans



Question ID : 65497817466

Chosen Option : 4

Q.19 Select the combination of letters that when sequentially placed in the blanks of the given letter series will complete the series.

_ B _ A _ S A B _ _ B S

Ans 1. ASBAS

2. ASBSA

3. BASBA

4. SABAS

Question ID : 65497817459

Chosen Option : 2

Q.20 अजय, ललित, चरण, ध्रुव और गजेन्द्र पांच पुरुष हैं, जो किसी पंक्ति में दक्षिण की ओर अभिमुख होकर बैठे हैं, जबकि मयूरी, नर्मदा, शालिनी, प्रिया और हर्षिनी पांच महिलाएं हैं, जो पहली पंक्ति के समानांतर दूसरी पंक्ति में उत्तर की ओर अभिमुख होकर बैठी हैं।

ललित, जो कि ध्रुव के ठीक बाईं ओर बैठा है, हर्षिनी के सम्मुख है।

चरण और नर्मदा एक-दूसरे से विकर्णतः सम्मुख बैठे हैं।

गजेन्द्र, शालिनी के सम्मुख बैठा है, जो कि मयूरी के ठीक दाईं ओर पड़ोस में बैठी है।

प्रिया, जो कि हर्षिनी के ठीक बाईं ओर पड़ोस में बैठी है, ध्रुव के सम्मुख है।

मयूरी, पंक्ति के एक छोर पर बैठी है।

शालिनी के दाईं ओर तीसरे स्थान पर कौन बैठी है?

Ans 1. नर्मदा

2. प्रिया

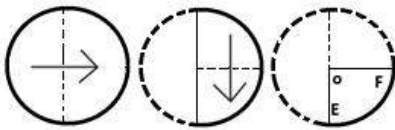
3. मयूरी

4. हर्षिनी

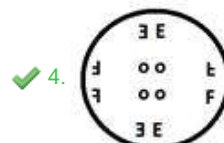
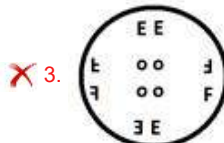
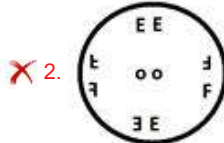
Question ID : 65497817463

Chosen Option : 2

Q.21 A paper is folded and cut as shown below. How will it appear when unfolded?



Ans



Question ID : 65497817469

Chosen Option : 4

Q.22 इन ऋतुओं को उस क्रम में व्यवस्थित करें, जिस क्रम में वे भारत में मार्च से फरवरी तक आती हैं।

1. पतझड़
2. वसंत
3. मानसून
4. सर्दी
5. गर्मी

Ans ✗ 1. 1, 5, 3, 2, 4

✓ 2. 2, 5, 3, 1, 4

✗ 3. 1, 5, 2, 3, 4

✗ 4. 2, 3, 5, 1, 4

Question ID : 65497817464

Chosen Option : 1

Q.23 Which two signs should be interchanged to make the given equation correct?

$$128 + 8 \times 2 \div 4 - 6 = 30$$

Ans ✗ 1. \times and $-$

✗ 2. \div and $-$

✓ 3. $+$ and $+$

✗ 4. $-$ and $+$

Question ID : 65497817446

Chosen Option : 3

Q.24 Select the correct sequence of mathematical signs to sequentially replace the * signs and balance the given equation.

$$8 * 20 * 320 * 20 * 10 = 166$$

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

Question ID : 65497817447
Chosen Option : 2

Q.25 In a certain code language, AMAZON is coded as 140 and BRAZIL is coded as 136. How will GERMANY be coded in the same language?

- Ans
- 1. 166
 - 2. 106
 - 3. 183
 - 4. 83

Question ID : 65497817454
Chosen Option : 1

Section : Numerical Aptitude

Q.1 If the volume of a cube is $81\sqrt{3}cm^3$, then its total surface area is:

- Ans
- 1. $166 cm^2$
 - 2. $152 cm^2$
 - 3. $164 cm^2$
 - 4. $162 cm^2$

Question ID : 65497815871
Chosen Option : 4

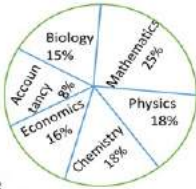
Q.2 A and B together can do a piece of work in 24 days. B and C together can do it in 36 days. If A is thrice as good a workman as C, in how many days can B alone do the work?

- Ans
- 1. 48 days
 - 2. 36 days
 - 3. 45 days
 - 4. 40 days

Question ID : 65497815856
Chosen Option : 1

Q.3 Study the following pie chart that shows the percentage-wise distribution of teachers who teach six different subjects, and answer the question given below.

Total number of teachers = 1600



If $\frac{3}{8}$ of the teachers who teach Chemistry are females, then the number of male Chemistry teachers is what percentage of the total number of teachers who teach Mathematics?

- Ans**
- 1. 55%
 - 2. 45%
 - 3. 40%
 - 4. 60%

Question ID : 65497815878
Chosen Option : 2

Q.4 A person travels equal distances at speeds of 5 km/h, 8 km/h and 10 km/h and takes a total time of 2 hours and 33 minutes. The total distance travelled by him was:

- Ans**
- 1. 18 km
 - 2. 10 km
 - 3. 5 km
 - 4. 8 km

Question ID : 65497815858
Chosen Option : 1

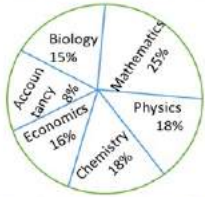
Q.5 The sum of three numbers is 272. If the ratio between the first and second is 3 : 5 and that between the second and third is 5 : 8, then the third number is:

- Ans**
- 1. 136
 - 2. 142
 - 3. 126
 - 4. 236

Question ID : 65497815867
Chosen Option : 1

Q.6 Study the following pie chart that shows the percentage-wise distribution of teachers who teach six different subjects, and answer the question given below.

Total number of teachers = 1600



If the number of teachers who teach Accountancy is increased by 25% and the number of teachers who teach Economics is decreased by 25%, then the total number of teachers who teach Accountancy and Economics together is:

- Ans**
- 1. 440
 - 2. 445
 - 3. 464
 - 4. 352

Question ID : 65497815879
Chosen Option : 4

Q.7 Three numbers are in the ratio 3 : 5 : 7 and their LCM is 840. Their HCF is:

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

Question ID : 65497815874
Chosen Option : 4

Q.8 An article was sold for ₹1,190 after allowing a discount of 15%. If 12.5% discount is given, then for how much should it be sold?

- Ans**
- 1. ₹1,200
 - 2. ₹1,220
 - 3. ₹1,325
 - 4. ₹1,225

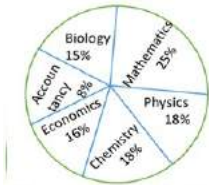
Question ID : 65497815861
Chosen Option : 4

Q.9 A 144-m-long wire of radius 4 mm is melted to form a sphere. What is the surface area (in cm^2) of the sphere, assuming there is no wastage of material?

- Ans**
- 1. 400π
 - 2. 676π
 - 3. 576π
 - 4. 484π

Question ID : 65497815067
Chosen Option : 4

- Q.10** Study the following pie chart that shows the percentage-wise distribution of teachers who teach six different subjects, and answer the question given below.
Total number of teachers = 1600



The central angle of teachers who teach Biology and Mathematics together is:

- Ans**
- 1. 134°
 - 2. 124°
 - 3. 144°
 - 4. 140°

Question ID : 65497815877
Chosen Option : 3

- Q.11** The value of $\frac{\frac{1}{2} + \left[4\frac{3}{4} - \left(3\frac{1}{6} - 2\frac{1}{3} \right) \right]}{\left(\frac{1}{5} \text{ of } \frac{1}{5} + \frac{1}{5} \right) \div \left(\frac{1}{5} - \frac{1}{5} \times \frac{1}{5} \right)}$ lies between:

- Ans**
- 1. 4.2 and 4.3
 - 2. 4.3 and 4.4
 - 3. 4.6 and 4.8
 - 4. 4.0 and 4.1

Question ID : 65497817189
Chosen Option : 1

- Q.12** The ratio of boys and girls in a school is 17 : 12, and the total number of students in the school is 1305. The number of boys in the school is:

- Ans**
- 1. 650
 - 2. 765
 - 3. 750
 - 4. 700

Question ID : 65497815865
Chosen Option : 2

- Q.13** The mean of 50 items was 24. Later on, it was discovered that two items were misread as 83 and 17 instead of 38 and 77. The correct mean is:

- Ans**
- 1. 24.3
 - 2. 23.4
 - 3. 24
 - 4. 22.5

Question ID : 65497815870
Chosen Option : 1

Q.14 If the area of the base of a cone is 154 cm^2 and the area of the curved surface is 550 cm^2 , then its volume is:

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

- Ans**
- 1. 1232 cm^3
 - 2. 1132 cm^3
 - 3. 1234 cm^3
 - 4. 1130 cm^3

Question ID : **65497815873**
Chosen Option : 1

Q.15 Varun gave 60% of the money he had to his wife. He also gave 20% of the remaining amount to each of his three children. Three-fifth of the amount now left was spent on miscellaneous items, and the remaining amount of ₹9,600 was deposited in the bank. How much money did Varun have initially?

- Ans**
- 1. ₹2,00,000
 - 2. ₹1,80,000
 - 3. ₹1,50,000
 - 4. ₹1,60,000

Question ID : **65497815862**
Chosen Option : 3

Q.16 If a person walked at 12 km/h instead of $8\frac{1}{2} \text{ km/h}$, he would have walked 14 km more. The actual distance travelled by him was:

- Ans**
- 1. 32 km
 - 2. 30 km
 - 3. 36 km
 - 4. 34 km

Question ID : **65497815857**
Chosen Option : 4

Q.17 The average age of a group of students in a class is 15.5 years. 15 new students with an average age of 14.5 years join the group, due to which the average age of students in the class becomes 15 years. The number of students initially present in the class is:

- Ans**
- 1. 18
 - 2. 12
 - 3. 14
 - 4. 15

Question ID : **65497815860**
Chosen Option : 4

Q.18 'A' alone can complete a work for ₹6,500 in 15 days. With the help of 'B', the work is completed in 12 days. The share of 'B' is:

- Ans**
- 1. ₹1,500
 - 2. ₹1,200
 - 3. ₹2,300
 - 4. ₹1,300

Question ID : 65497815855
Chosen Option : 4

Q.19 Each of the measure of the radius of a cylinder and that of a sphere is 10.5 cm. Also, the volumes of these two solids are equal. The curved surface area of the cylinder is:

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

- Ans**
- 1. 934 cm^2
 - 2. 824 cm^2
 - 3. 920 cm^2
 - 4. 924 cm^2

Question ID : 65497815872
Chosen Option : 4

Q.20 A man wanted to sell his cycle at 20% profit, but actually sold it at 20% loss for ₹960. At what price did he want to sell it to earn the profit of 20%?

- Ans**
- 1. ₹1,420
 - 2. ₹1,440
 - 3. ₹1,450
 - 4. ₹1,340

Question ID : 65497815863
Chosen Option : 2

Q.21 Naveen took two loans, altogether for ₹9,400, from Suman and Arya. Suman claimed $12\frac{1}{2}\%$ simple interest per annum, while Arya claimed $10\frac{1}{2}\%$ per annum. The total interest paid by Naveen in one year was ₹1,063. The sum borrowed from Arya is:

- Ans**
- 1. ₹6,600
 - 2. ₹5,400
 - 3. ₹5,200
 - 4. ₹5,600

Question ID : 65497815869
Chosen Option : 4

Q.22 The average of five numbers is 78. If the average of the first two numbers is 54 and the average of the last two numbers is 63, then the third number is:

- Ans
- 1. 156
 - 2. 126
 - 3. 136
 - 4. 144

Question ID : 65497815859
Chosen Option : 1

Q.23 An article was sold at 5.75% profit. Had it been sold at 1.2% loss, it would have given him ₹1,390 less. The cost price of the article is:

- Ans
- 1. ₹25,000
 - 2. ₹22,500
 - 3. ₹20,000
 - 4. ₹22,000

Question ID : 65497815864
Chosen Option : 3

Q.24 The daily wages of men and women are in the ratio 4 : 3. 15 men and 25 women together earn ₹5,400. Find the total wages of one man and 5 women.

- Ans
- 1. ₹740
 - 2. ₹680
 - 3. ₹860
 - 4. ₹760

Question ID : 65497815866
Chosen Option : 4

Q.25 The compound interest obtained on ₹6,250 for two years at the rate of interest 8% per annum, compounded annually, will be:

- Ans
- 1. ₹1,040
 - 2. ₹1,500
 - 3. ₹1,450
 - 4. ₹1,020

Question ID : 65497815868
Chosen Option : 1

Q.1 वरसाय की संधि किस वर्ष में हस्ताक्षरित हुई थी?

- Ans 1. 1921
 2. 1919
 3. 1933
 4. 1940

Question ID : 65497814488
Chosen Option : 2

Q.2 What does UNDP stand for in the context of Economics?

- Ans 1. United Nations Disinflation Programme
 2. United Nations Development Programme
 3. United Nations Defaulting Programme
 4. United Nations Deregulation Programme

Question ID : 65497814373
Chosen Option : 1

Q.3 Who was the author of the three-act play, 'Post Office'?

- Ans 1. Vishnu Sharma
 2. Karan Singh
 3. MK Gandhi
 4. Rabindranath Tagore

Question ID : 65497814471
Chosen Option : 2

Q.4 The Central Board of Directors of the RBI (Reserve Bank of India) is appointed/nominated for a period of ____ years.

- Ans 1. five
 2. six
 3. three
 4. four

Question ID : 65497816495
Chosen Option : 2

Q.5 By which British statute were Indian representatives, for the first time, allocated seats for election in Indian Legislative Councils?

- Ans 1. Government of India Act, 1833
 2. Indian Councils Act, 1892
 3. Government of India Act, 1915
 4. Indian Councils Act, 1861

Question ID : 65497814479
Chosen Option : 1

Q.6 Poonam Yadav won the 2019 Arjuna Award for which sport?

- Ans 1. Badminton
 2. Cricket
 3. Shooting
 4. Wrestling

Question ID : 65497814469
Chosen Option : 2

Q.7 'धनगरी गजा' एक नृत्य शैली है जो मुख्य रूप से _____ से संबंधित है।

- Ans 1. उत्तर प्रदेश
 2. झारखंड
 3. महाराष्ट्र
 4. छत्तीसगढ़

Question ID : 65497814466
Chosen Option : 4

Q.8 भलरी, _____ के लोकप्रिय लोक-गीतों में से एक है, जिसे किसानों द्वारा अपने खेतों में काम करते समय गाया जाता है।

- Ans 1. राजस्थान
 2. महाराष्ट्र
 3. हिमाचल प्रदेश
 4. बिहार

Question ID : 65497814468
Chosen Option : 1

Q.9 As of August 2020, who among the following was the Chief Economic Adviser to the Finance Ministry of India?

- Ans 1. Ajit Pai
 2. Krishnamurthy V Subramanian
 3. Ravi Anshuman
 4. Anand Nandkumar

Question ID : 65497814476
Chosen Option : 2

Q.10 Emperor Ashoka embraced Buddhism after the:

- Ans 1. Kalinga War
 2. Battle of Buxar
 3. Battle of Haldighati
 4. Battle of Tarain

Question ID : 65497814490
Chosen Option : 1

Q.11 गम्भीरा, धाली और जात्रा किस राज्य की प्रसिद्ध नृत्य शैली हैं?

- Ans 1. पंजाब
 2. पश्चिम बंगाल
 3. तमिलनाडु
 4. उत्तर प्रदेश

Question ID : 65497814467
Chosen Option : 4

Q.12 What does Herpetology deal with?

- Ans 1. Study of fish
 2. Study of insects
 3. Study of reptiles and amphibians
 4. Study of birds

Question ID : 65497814481
Chosen Option : 3

Q.13 Name the only sea in the world that does NOT have a land boundary.

- Ans 1. Sargasso Sea
 2. Pechora Sea
 3. Amundsen Sea
 4. Iroise Sea

Question ID : 65497814487
Chosen Option : 1

Q.14 Which of the following elements can be used to treat/purify water?

- Ans 1. Potassium
 2. Magnesium
 3. Chlorine
 4. Lead

Question ID : 65497814483
Chosen Option : 3

Q.15 Which of the following is the largest west flowing river in Rajasthan?

- Ans 1. Luni
 2. Chambal
 3. Banganga
 4. Banas

Question ID : 65497814485
Chosen Option : 1

Q.16 What does Article 61 of the Indian Constitution deal with?

- Ans 1. Fundamental Duties
 2. Impeachment of the President
 3. Financial Emergency
 4. National Emergency

Question ID : 65497814478
Chosen Option : 2

Q.17 Which of the following acids is released by the gastric glands present in the stomach?

- Ans 1. Acetic acid
 2. Nitric acid
 3. Citric acid
 4. Hydrochloric acid

Question ID : 65497814482
Chosen Option : 4

Q.18 Which country has the most time zones in the world?

- Ans 1. France
 2. United States of America
 3. Russia
 4. United Kingdom

Question ID : 65497814486
Chosen Option : 3

Q.19 On 22 July 2020, _____, Deputy Commissioner of Mumbai Customs, was appointed as an honorary adviser to the steering committee for BRICS Chamber of Commerce and Industry (CCI) young leaders for the period 2020-2023.

- Ans 1. Amit Ghawate
 2. Sahil Seth
 3. Yogesh Yadav
 4. HM Patel

Question ID : 65497814472
Chosen Option : 4

Q.20 Who discovered the TB vaccine?

- Ans 1. Edward Jenner
 2. Jonas Salk and Camille Guerin
 3. Leon Calmette and Camille Guerin
 4. Louis Pasteur

Question ID : 65497814484
Chosen Option : 2

Q.21 Which Part of the Constitution of India deals with finance, property, contracts and suits?

- Ans 1. Part XII
 2. Part IX
 3. Part X
 4. Part VIII

Question ID : 65497814477
Chosen Option : 1

Q.22 उस देश का नाम बताये जिसके पास सबसे अधिक AFC (ए.एफ.सी.) एशियाई कप खिताब है।

- Ans 1. दक्षिण कोरिया
 2. सऊदी अरब
 3. जापान
 4. ईरान

Question ID : 65497814470
Chosen Option : 1

Q.23 Who was the first woman Election Commissioner of Maharashtra?

- Ans 1. Neela Satyanarayan
 2. Rekha Sharma
 3. Minati Behera
 4. Sugatha Kumari

Question ID : 65497814473
Chosen Option : 3

Q.24 Which newspaper was founded by Mahatma Gandhi in South Africa in 1903?

- Ans 1. Young India
 2. Indian Opinion
 3. Swaraj Hind
 4. Navajivan

Question ID : 65497814489
Chosen Option : 2

Q.25 Which of the following gases is used in electric bulbs?

- Ans 1. Halogen
 2. Nitrogen
 3. Carbon dioxide
 4. Hydrogen

Question ID : 65497814480
Chosen Option : 2