Multi Tasking Non Technical Staff Examination 2020

Participant ID	**Join Telegram Link in App**
Participant Name	**Join Telegram Link in App**
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.

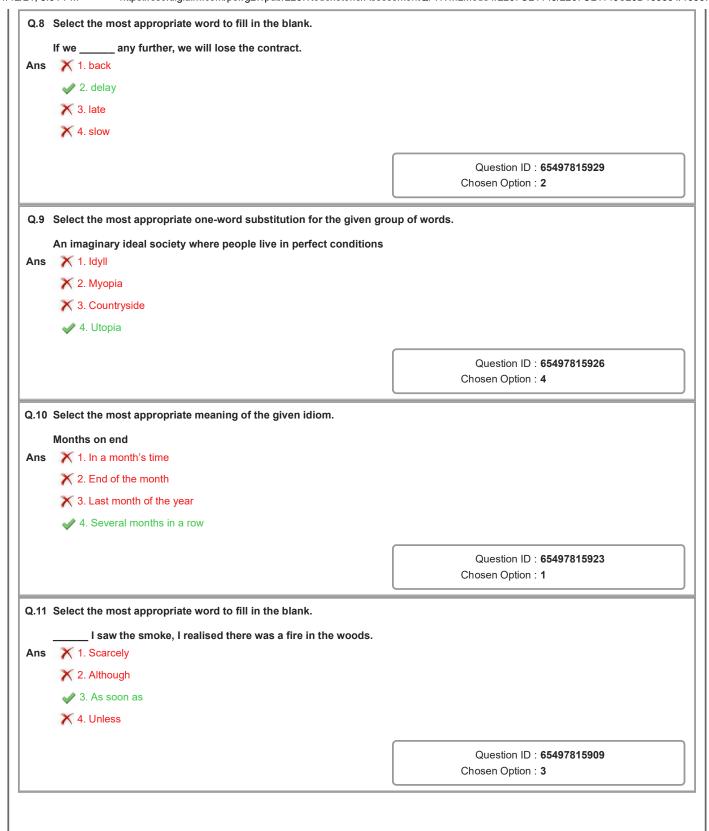**I earn little money than my younger brother.**
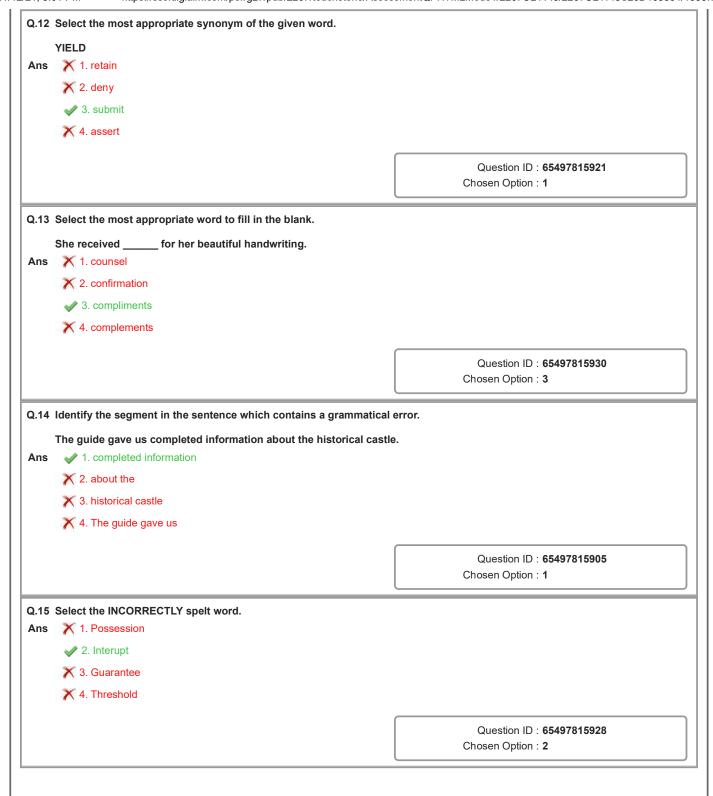
Ans   ✅ 1. little money

❌ 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. Interupt

       ✗ 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, <u>are they</u>?

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 <u>should</u> 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 <u>around</u> 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**

Section : **General Intelligence and Reasoning**

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).

(X)

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.

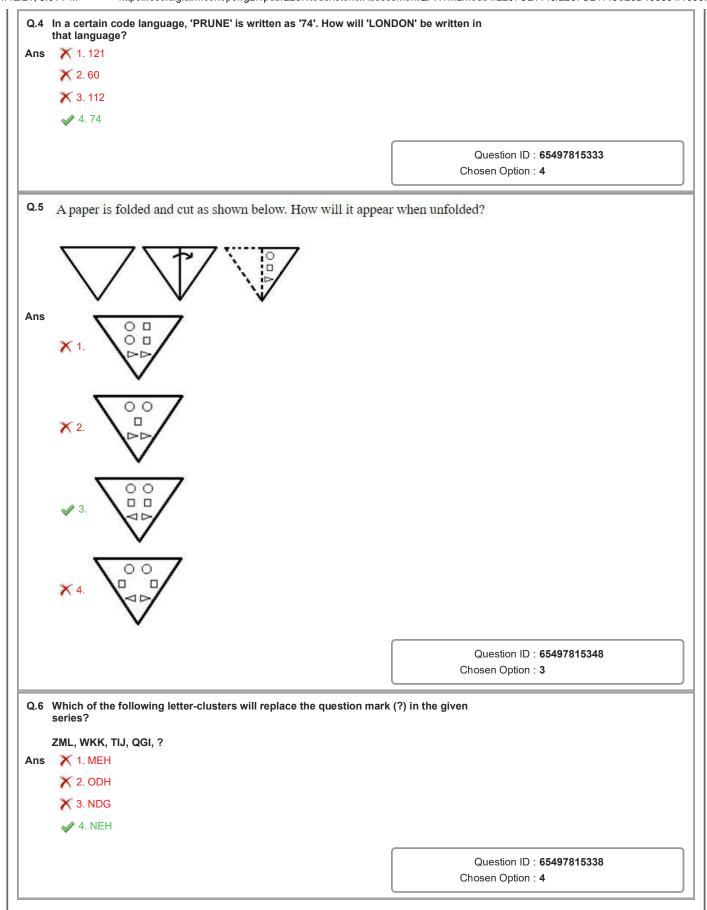**Ans**   ✘ 1. Either conclusion I or II follows

      ✘ 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. TZUHNMZQ

     ✗ 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?

$8 × 9 ÷ 15 + 30 − 5 = 63$

Ans   ✗ 1. – and ×

       ✗ 2. + and –

       ✗ 3. + and ×

       ✓ 4. ÷ 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?

$14 × 7 − 25 ÷ 5 + 95 = 104$

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.
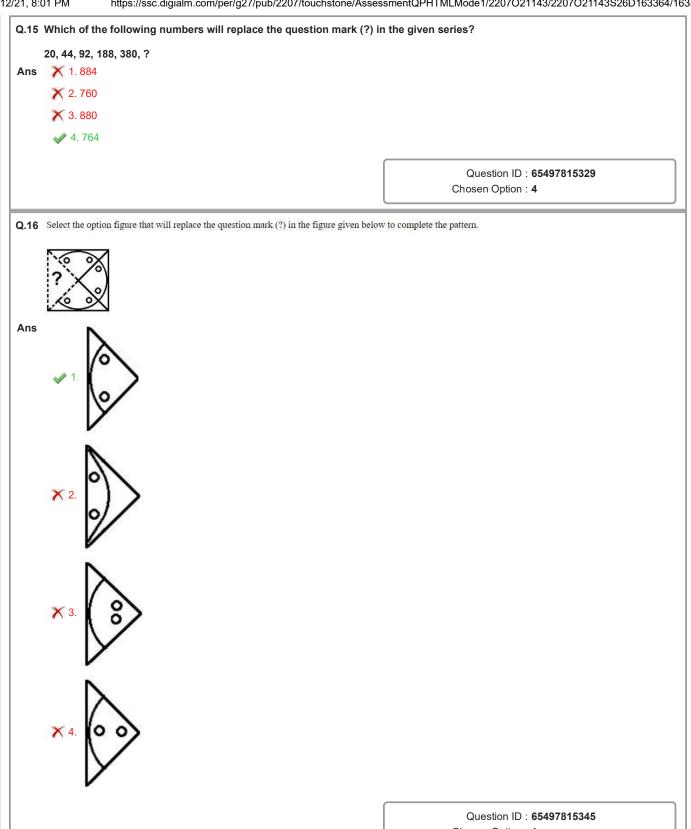
Ans   ✗ 1. Only conclusions I and II follow

       ✗ 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

✔ 1.

✗ 2.

✗ 3.

✗ 4.

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.

M
|
X B 7 5 G R |
|
N

Ans ✗ 1. ꓤꓷ7ꓽGꓘ reversed XB75GR

✗ 2. ꓤB75GꓤX (reversed)

✗ 3. ꓤB75GꓤX (reversed)

✓ 4. ꓤꓷ75GꓘX (reversed)

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

✗ 1.

✗ 2.

✗ 3.

✓ 4.

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? $\left(Use\ \pi = \frac{22}{7}\right)$

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
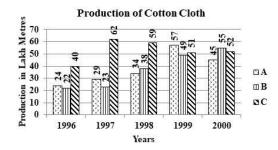
       ✗ 4. 2.4 km/h

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. $\left(Use\ \pi = \frac{22}{7}\right)$

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 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**
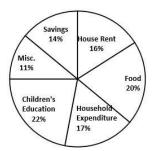
Chosen Option : **2**

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
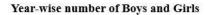
✖ 3. 20
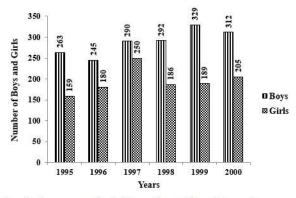
✖ 4. 80

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.

Year-wise number of Boys and Girls

In which year was the total enrollment the minimum?

Ans ✖ 1. 2000

✖ 2. 1996

✔ 3. 1995

✖ 4. 1998

Question ID : **65497817796**
Chosen Option : **3**

Section : **General Awareness**

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**