

## Multi Tasking Non Technical Staff Examination 2020

Participant ID	Join Telegram Link in App
Participant Name	Join Telegram Link in App
Test Center Name	TCS Gito Bitan
Test Date	11/10/2021
Test Time :	9:00 AM - 10:30 AM
Subject	MTS Non Technical 2020

### Section : General English

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

You will never become a good reader until reading are done with a purpose.

- Ans
- ☒ 1. No substitution required
  - ☒ 2. when reading has
  - ☒ 3. until reading will be
  - ☒ 4. unless reading is

Question ID : 65497816522  
Chosen Option : 4

**Q.2** Select the most appropriate meaning of the given idiom.

**Fly the nest**

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

Question ID : 65497816529  
Chosen Option : 2

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

Many industrialists are coming onward to help migrant workers find employment in their villages and cities.

- Ans
- ☒ 1. No substitution required
  - ☒ 2. towards
  - ☒ 3. forward
  - ☒ 4. backward

Question ID : 65497815312  
Chosen Option : 3

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

A gentle song sung to put a child to sleep

- Ans ☒ 1. Lullaby  
☒ 2. Chorus  
☒ 3. Prayer  
☒ 4. Hymn

Question ID : 65497816531  
Chosen Option : 1

**Q.5** Select the most appropriate option to substitute the underlined segment in the given sentence.

When have you been waiting for me here?

- Ans ☒ 1. How long  
☒ 2. How far  
☒ 3. What time  
☒ 4. How late

Question ID : 65497817533  
Chosen Option : 1

**Q.6** Select the most appropriate ANTONYM of the given word.

SUBTLE

- Ans ☒ 1. crafty  
☒ 2. harsh  
☒ 3. faint  
☒ 4. slight

Question ID : 65497816526  
Chosen Option : 1

**Q.7** Select the INCORRECTLY spelt word.

- Ans ☒ 1. Manual  
☒ 2. Grajual  
☒ 3. Mutual  
☒ 4. Usual

Question ID : 65497816533  
Chosen Option : 2

**Q.8** Fill in the blank with the most appropriate word.

These discount coupons are \_\_\_\_\_ for only six months from the date of issue.

- Ans
- ☒ 1. attested
  - ☒ 2. tested
  - ☒ 3. valid
  - ☒ 4. solid

Question ID : **65497816535**  
Chosen Option : 3

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

**STERN**

- Ans
- ☒ 1. strict
  - ☒ 2. mild
  - ☒ 3. lenient
  - ☒ 4. gentle

Question ID : **65497816527**  
Chosen Option : 1

**Q.10** Identify the segment in the sentence which contains a grammatical error.

Why did you spent so much money on old and useless furniture?

- Ans
- ☒ 1. and useless furniture
  - ☒ 2. so much money
  - ☒ 3. Why did you spent
  - ☒ 4. on old

Question ID : **65497816512**  
Chosen Option : 3

**Q.11** Select the most appropriate synonym of the given word.

**PROVOKE**

- Ans
- ☒ 1. enrage
  - ☒ 2. gratify
  - ☒ 3. placate
  - ☒ 4. hinder

Question ID : **65497816528**  
Chosen Option : 1

**Q.12 Identify the segment in the sentence which contains a grammatical error.**

They went on talking while the teacher were teaching an important lesson.

- Ans ☒ 1. while the  
☒ 2. teacher were teaching  
☒ 3. an important lesson  
☒ 4. They went on talking

Question ID : 65497816511  
Chosen Option : 2

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

Undue favour shown to one's relatives

- Ans ☒ 1. Nepotism  
☒ 2. Nationalism  
☒ 3. Despotism  
☒ 4. Narcissism

Question ID : 65497816532  
Chosen Option : 1

**Q.14 Fill in the blank with the most appropriate word.**

My employers \_\_\_\_\_ my salary last year.

- Ans ☒ 1. rise  
☒ 2. rose  
☒ 3. raise  
☒ 4. raised

Question ID : 65497816515  
Chosen Option : 4

**Q.15 Fill in the blank with the most appropriate word.**

I am tired \_\_\_\_\_ reminding you to clean your room.

- Ans ☒ 1. at  
☒ 2. by  
☒ 3. of  
☒ 4. to

Question ID : 65497816514  
Chosen Option : 3

**Q.16** Fill in the blank with the most appropriate word.

Swami Dayanand \_\_\_\_\_ the Arya Samaj.

- Ans
- ☒ 1. invented
  - ☒ 2. developed
  - ☒ 3. founded
  - ☒ 4. discovered

Question ID : 65497816536  
Chosen Option : 3

**Q.17** Select the most appropriate ANTONYM of the given word.

**CEASE**

- Ans
- ☒ 1. stop
  - ☒ 2. catch
  - ☒ 3. halt
  - ☒ 4. start

Question ID : 65497816525  
Chosen Option : 4

**Q.18** Identify the segment in the sentence which contains a grammatical error.

The elegance furnished drawing room indicated that the owner had good taste.

- Ans
- ☒ 1. drawing room indicated
  - ☒ 2. that the owner
  - ☒ 3. had good taste
  - ☒ 4. The elegance furnished

Question ID : 65497816513  
Chosen Option : 1

**Q.19** Select the INCORRECTLY spelt word.

- Ans
- ☒ 1. Mediocre
  - ☒ 2. Legible
  - ☒ 3. Opaque
  - ☒ 4. Sugestion

Question ID : 65497816534  
Chosen Option : 4

**Q.20** Select the most appropriate meaning of the given idiom.

Your guess is as good as mine

- Ans ☒ 1. To have the same idea as another
- ☒ 2. To have no idea of the answer
- ☒ 3. To play a guessing game
- ☒ 4. To have a better idea than others

Question ID : 65497816530  
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.

Albert soon got to learn the language of (1)\_\_\_\_\_ native people. Now, he could talk to (2)\_\_\_\_\_ about their problems. They too began to (3)\_\_\_\_\_ him for advice. Some people, (4)\_\_\_\_\_, were too shy to share their concerns. Albert eventually (5)\_\_\_\_\_ them that he was there to assist them in all matters.

**SubQuestion No : 21**

**Q.21** Select the most appropriate option to fill in the blank number 1.

- Ans ☒ 1. a
- ☒ 2. an
- ☒ 3. the
- ☒ 4. one

Question ID : 65497816517  
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.

Albert soon got to learn the language of (1)\_\_\_\_\_ native people. Now, he could talk to (2)\_\_\_\_\_ about their problems. They too began to (3)\_\_\_\_\_ him for advice. Some people, (4)\_\_\_\_\_, were too shy to share their concerns. Albert eventually (5)\_\_\_\_\_ them that he was there to assist them in all matters.

**SubQuestion No : 22**

**Q.22** Select the most appropriate option to fill in the blank number 2.

- Ans ☒ 1. them
- ☒ 2. you
- ☒ 3. himself
- ☒ 4. us

Question ID : 65497816518  
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.

Albert soon got to learn the language of (1)\_\_\_\_\_ native people. Now, he could talk to (2)\_\_\_\_\_ about their problems. They too began to (3)\_\_\_\_\_ him for advice. Some people, (4)\_\_\_\_\_, were too shy to share their concerns. Albert eventually (5)\_\_\_\_\_ them that he was there to assist them in all matters.

**SubQuestion No : 23**

**Q.23** Select the most appropriate option to fill in the blank number 3.

- Ans  1. appear  
 2. approach  
 3. advance  
 4. arrange

Question ID : **65497816519**  
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.

Albert soon got to learn the language of (1)\_\_\_\_\_ native people. Now, he could talk to (2)\_\_\_\_\_ about their problems. They too began to (3)\_\_\_\_\_ him for advice. Some people, (4)\_\_\_\_\_, were too shy to share their concerns. Albert eventually (5)\_\_\_\_\_ them that he was there to assist them in all matters.

**SubQuestion No : 24**

**Q.24** Select the most appropriate option to fill in the blank number 4.

- Ans  1. furthermore  
 2. however  
 3. therefore  
 4. moreover

Question ID : **65497816520**  
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.

Albert soon got to learn the language of (1)\_\_\_\_\_ native people. Now, he could talk to (2)\_\_\_\_\_ about their problems. They too began to (3)\_\_\_\_\_ him for advice. Some people, (4)\_\_\_\_\_, were too shy to share their concerns. Albert eventually (5)\_\_\_\_\_ them that he was there to assist them in all matters.

**SubQuestion No : 25**

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

- Ans  1. assured  
 2. settled  
 3. decided  
 4. confirmed

Question ID : **65497816521**  
Chosen Option : 1

Section : **General Intelligence and Reasoning**

**Q.1** Among six objects F, G, H, J, K and L:

- i. H is twice as heavy as K, and J is one and half times as heavy as F.
- ii. G is half as heavy as J.
- iii. F and J together are less heavy than H.
- iv. J and L together are twice as heavy as F.

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

- Ans
- ☒ 1. K
  - ☒ 2. L
  - ☒ 3. F
  - ☒ 4. G

Question ID : **65497816151**  
Chosen Option : **4**

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

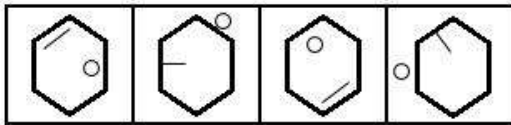
7 : 294 :: 9 : ?

- Ans
- ☒ 1. 648
  - ☒ 2. 576
  - ☒ 3. 881
  - ☒ 4. 452

Question ID : **65497816135**  
Chosen Option : **1**

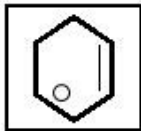


Q.3 Which option figure would come next in the following figure series?

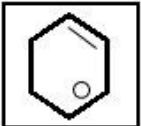


Ans

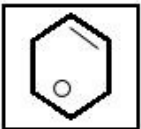
✓ 1.



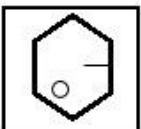
✗ 2.



✗ 3.



✗ 4.



Question ID : 65497816152  
Chosen Option : 1

Q.4 Choose the set of numbers that is similar to the following set.

{21, 29, 20}

Ans

✓ 1. {8, 17, 15}

✗ 2. {19, 28, 17}

✗ 3. {33, 35, 12}

✗ 4. {7, 26, 24}

Question ID : 65497816136  
Chosen Option : 1

Q.5 If WIDOWER is coded as VKAOXCU, then how would FORTIFY be coded?

Ans

✓ 1. EQOTJDB

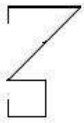
✗ 2. GMUSHDV

✗ 3. EOQSJCD

✗ 4. EPPTHDC

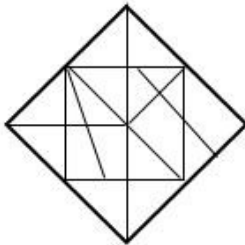
Question ID : 65497816140  
Chosen Option : 1

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

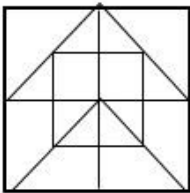


Ans

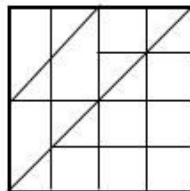
✗ 1.



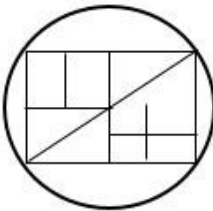
✗ 2.



✓ 3.



✗ 4.



Question ID : **65497816154**  
Chosen Option : 3

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

Ans ✓ 1. AMSTGNIP

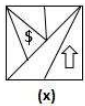
✗ 2. TSMGNPIA

✗ 3. TAMSGINP

✗ 4. AMTSGNIP

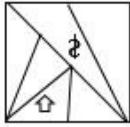
Question ID : **65497816139**  
Chosen Option : 4

**Q.8** Select the mirror image of the figure marked 'X', when the mirror is placed on the right side of the figure.

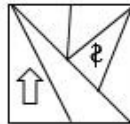


Ans

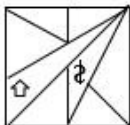
☒ 1.



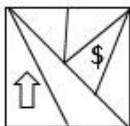
☒ 2.



☒ 3.



☒ 4.



Question ID : 65497816155  
Chosen Option : 2

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

Ans ☒ 1. 12457111851

☒ 2. 14527811151

☒ 3. 15241718511

☒ 4. 15427181511

Question ID : 65497816142  
Chosen Option : 4

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

Statements:

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

Conclusions:

- I. No stream is a lake.
- II. Some rivers are streams.

Ans ☒ 1. Only conclusion I follows

☒ 2. Only conclusion II follows

☒ 3. Neither conclusion I nor conclusion II follows

☒ 4. Both conclusions I and II follow

Question ID : 65497816147  
Chosen Option : 2

**Q.11** Six boys A, B, C, D, E and F are standing in a queue.

- i. There are two boys between B and D, and D is just in front of E.
- ii. A and C are adjacent to B.
- iii. A is just behind E, and C is just in front of F.

Which two boys are exactly in the middle positions?

- Ans
- ☒ 1. B and C
  - ☒ 2. C and D
  - ☒ 3. A and E
  - ☒ 4. A and B

Question ID : 65497816149  
Chosen Option : 4

**Q.12** If the signs + and × are interchanged, then which of the following equations would be correct?

- Ans
- ☒ 1.  $9 \times 3 - 7 + 9 = 19$
  - ☒ 2.  $10 \times 5 \div 10 + 10 = 10$
  - ☒ 3.  $4 \div 8 + 6 \times 3 = 8$
  - ☒ 4.  $18 \times 3 \div 12 + 8 = 20$

Question ID : 65497816133  
Chosen Option : 4

**Q.13** Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

LOTTERY : WQMTBTF :: SECULAR : ?

- Ans
- ☒ 1. BDRTQZK
  - ☒ 2. GTFUCUM
  - ☒ 3. FGTUUCM
  - ☒ 4. DFTUSBM

Question ID : 65497816143  
Chosen Option : --

**Q.14** Eight friends P, Q, R, S, T, U, V and W are sitting in a row facing North.

- i. Q sits to the immediate right of P, who is at one of the extreme ends of the line.
- ii. Q sits third to the left of T.
- iii. There are two persons between W and T.
- iv. U is not an immediate neighbour of S and sits to the immediate left of V.
- v. There are three persons between V and R.

Who are sitting between Q and T?

- Ans
- ☒ 1. R and S
  - ☒ 2. U and V
  - ☒ 3. R and U
  - ☒ 4. V and S

Question ID : 65497816150  
Chosen Option : --

**Q.15** 'Literature' is related to 'Poetry' in the same way as 'Painting' is related to '\_\_\_\_\_'.  
Ans

- ☒ 1. Colour  
☒ 2. Portrait  
☒ 3. Expression  
☒ 4. Frame

Question ID : 65497816145  
Chosen Option : 2

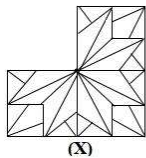
**Q.16** Which two signs should be interchanged to make the given equation correct?

$$10 \div 5 - 4 \times 3 + 6 = 13$$

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

Question ID : 65497816134  
Chosen Option : 1

**Q.17** Select the option figure, which when placed in the blank space of the figure marked 'X' would complete the pattern.



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 65497816153  
Chosen Option : 3

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

- Ans
- ☒ 1. 68
  - ☒ 2. 67
  - ☒ 3. 71
  - ☒ 4. 73

Question ID : 65497816141  
Chosen Option : 3

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

7, 9, 13, 16, 25, 29, ?, 50

- Ans
- ☒ 1. 47
  - ☒ 2. 38
  - ☒ 3. 41
  - ☒ 4. 45

Question ID : 65497816138  
Chosen Option : 4

**Q.20** 'Play' is related to 'Actor' in the same way as 'Concert' is related to '\_\_\_\_\_'.

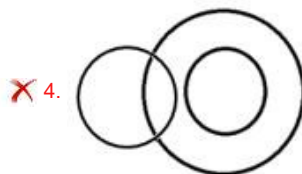
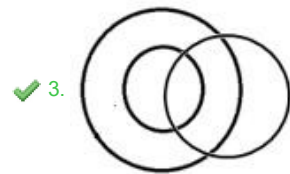
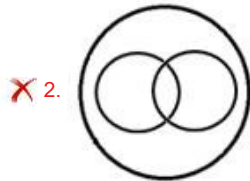
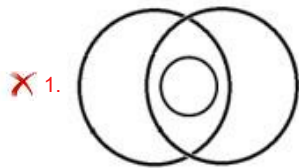
- Ans
- ☒ 1. Symphony
  - ☒ 2. Piano
  - ☒ 3. Musician
  - ☒ 4. Director

Question ID : 65497816144  
Chosen Option : 3

**Q.21** Select the Venn diagram that best illustrates the relationship among the following classes.

Women, Employed, Mothers

Ans



Question ID : 65497816157  
Chosen Option : 3

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

Statements:

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

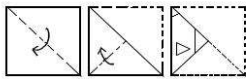
Conclusions:

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

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

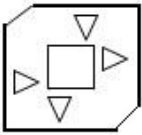
Question ID : 65497816148  
Chosen Option : 3

**Q.23** The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the figures below. How would the paper look when unfolded?

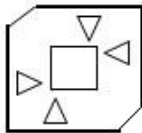


Ans

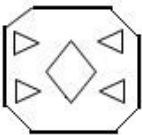
✗ 1.



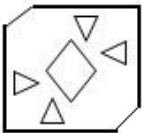
✓ 2.



✗ 3.



✗ 4.



Question ID : 65497816156  
Chosen Option : 2

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

PMOR, RNNP, TOMN, VPLL, ?

Ans

✗ 1. XRJK

✓ 2. XQKJ

✗ 3. VQJJ

✗ 4. YQKJ

Question ID : 65497816146  
Chosen Option : 2

**Q.25** Which number will replace the question mark (?) in the following number series?

91, 100, 94, 97, 101, 90, 112, ?

Ans

✗ 1. 83

✗ 2. 123

✗ 3. 87

✓ 4. 79

Question ID : 65497816137  
Chosen Option : 4

Section : Numerical Aptitude



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

- Ans**
- ✓ 1. ₹3,744
  - ✗ 2. ₹3,700
  - ✗ 3. ₹3,600
  - ✗ 4. ₹36,244

Question ID : 65497818090  
Chosen Option : 1

**Q.2** 12 men can complete a painting work in 8 days. However, 16 women can complete the same painting work in 12 days. 8 men started painting the house. After 6 days of painting, 2 men were replaced by 4 women. Now how many days will they take to complete the remaining painting?

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

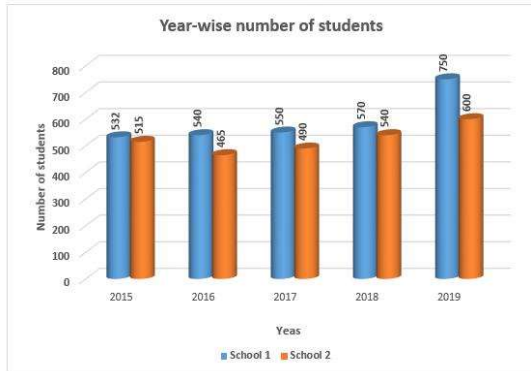
Question ID : 65497818078  
Chosen Option : --

**Q.3** An almirah was sold at a profit of 15%. If its cost had been 5% less and it had been sold for ₹1,470 less, then the profit would have been 10%. What is the cost price of the almirah?

- Ans**
- ✓ 1. ₹14,000
  - ✗ 2. ₹29,400
  - ✗ 3. ₹16,100
  - ✗ 4. ₹2,94,000

Question ID : 65497818086  
Chosen Option : 1

**Q.4** The year-wise student enrollment of two schools over a period of 5 years has been presented in the following bar graph.



In which year is the difference of enrollment in the two schools, the least?

- Ans**
- ✓ 1. 2015
  - ✗ 2. 2016
  - ✗ 3. 2018
  - ✗ 4. 2017

Question ID : 65497818099  
Chosen Option : 1

**Q.5** The simplified value of  $\frac{119 - [48 \div 6 - 7\{5 \times 12 \div 3 - (15 - \overline{3 - 8})\}]}{24 \div 3 - 9 \text{ of } 3 + (52 - \overline{8 - 4}) + 6}$  is:

- Ans**
- ✓ 1.  $-\frac{111}{11}$
  - ✗ 2.  $-\frac{127}{27}$
  - ✗ 3.  $\frac{127}{43}$
  - ✗ 4.  $\frac{111}{11}$

Question ID : 65497818300  
Chosen Option : 1

**Q.6** A wire is in the form of a square of side 33 cm. If the wire is molded to form a circle, then what is the radius of the circle?

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

- Ans**
- ✓ 1. 21 cm
  - ✗ 2. 33 cm
  - ✗ 3. 16.5 cm
  - ✗ 4. 42 cm

Question ID : 65497818093  
Chosen Option : 1

**Q.7** From a wooden cubical block of side 10 cm, a sphere of radius 4.2 cm is carved out. How much wood is wasted in the process? (Use  $\pi = \frac{22}{7}$ )

- Ans
- ☒ 1.  $476.2 \text{ cm}^3$
  - ☒ 2.  $689.536 \text{ cm}^3$
  - ☒ 3.  $310.464 \text{ cm}^3$
  - ☒ 4.  $523.8 \text{ cm}^3$

Question ID : **65497818095**  
Chosen Option : 2

**Q.8** The product of two positive numbers is 1344 and their ratio is 7 : 12. The smaller of these numbers is:

- Ans
- ☒ 1. 16
  - ☒ 2. 28
  - ☒ 3. 112
  - ☒ 4. 48

Question ID : **65497818087**  
Chosen Option : 2

**Q.9** Two dealers offer an item at the same marked price ₹3,000. The first dealer allows successive discounts of 10% and 15%. The other dealer allows successive discounts of 20% and 5%. Find the difference in the selling price of the item under the two offers.

- Ans
- ☒ 1. ₹15
  - ☒ 2. ₹20
  - ☒ 3. ₹10
  - ☒ 4. ₹25

Question ID : **65497818083**  
Chosen Option : 1

**Q.10** A bus moves from station A towards station B, which is at a distance of 189 km. An hour later, a car, the ratio of whose speed with the bus is 3 : 2, starts from station A and moves towards station B. Find the speed of the bus (in km/h), if the car arrives at station B half an hour earlier than the bus.

- Ans
- ☒ 1. 41
  - ☒ 2. 37.8
  - ☒ 3. 42
  - ☒ 4. 63

Question ID : **65497818080**  
Chosen Option : --

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

- Ans
- ☒ 1. ₹1,220
  - ☒ 2. ₹1,380
  - ☒ 3. ₹1,500
  - ☒ 4. ₹1,310

Question ID : 65497818085  
Chosen Option : 2

**Q.12** In a joint family of 16 persons, the eldest and the youngest members have an age difference of 82 years. If these two are left out of the counting, then the average age of the remaining 14 persons is 28. The average age of the entire family being 30, what is the age of the eldest person?

- Ans
- ☒ 1. 85 years
  - ☒ 2. 88 years
  - ☒ 3. 76 years
  - ☒ 4. 60 years

Question ID : 65497818082  
Chosen Option : 1

**Q.13** If the mode of the following data is 11, then find the value of  $k$ .

11, 8, 9,  $(2k - 1)$ , 11, 12, 12, 18, 14, 16

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

Question ID : 65497818092  
Chosen Option : 2

**Q.14** The average of 9 numbers is 19. If the average of the first four numbers is 14, then the average of the last 5 numbers is:

- Ans
- ☒ 1. 20
  - ☒ 2. 10
  - ☒ 3. 25.25
  - ☒ 4. 23

Question ID : 65497818081  
Chosen Option : 4

**Q.15** Two numbers differ by 10. If their LCM is 120 and HCF is 10, then the sum of the numbers is:

- Ans ☒ 1. 130  
☒ 2. 120  
☒ 3. 70  
☒ 4. 50

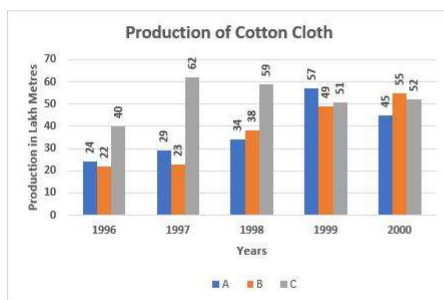
Question ID : **65497818096**  
 Chosen Option : 3

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

- Ans ☒ 1. 1  
☒ 2. 5  
☒ 3. 0  
☒ 4. 10

Question ID : **65497816178**  
 Chosen Option : 3

**Q.17** The following graph shows the production of cotton cloth (in lakh metres) by three companies A, B and C over the years.



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

- Ans ☒ 1. 1996  
☒ 2. 1998  
☒ 3. 2000  
☒ 4. 1999

Question ID : **65497818101**  
 Chosen Option : 2

**Q.18** A large container has a 50 litre mixture of juice and water in the ratio 3 : 2. To this, a 60 litre juice and water mixture is added, that has a juice to water ratio of 2 : 1. After this, 11 litres of the solution is replaced with pure juice. What is the ratio of water to juice in the final mixture?

- Ans**
- ☒ 1. 37 : 18
  - ☒ 2. 29 : 81
  - ☒ 3. 4 : 7
  - ☒ 4. 18 : 37

Question ID : 65497818089  
Chosen Option : 1

**Q.19** The cost of leveling a square field at the rate of ₹52/m<sup>2</sup> is ₹1,30,000. What will be the cost of fencing its boundary at the rate of ₹35/m?

- Ans**
- ☒ 1. ₹2,500
  - ☒ 2. ₹7,000
  - ☒ 3. ₹87,500
  - ☒ 4. ₹3,500

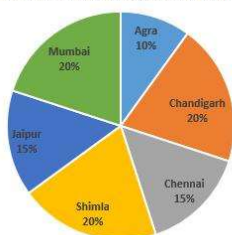
Question ID : 65497818094  
Chosen Option : 2

**Q.20** Seats in a college for a B. Sc. course for Physics, Chemistry and Biology, are in the proportion 7 : 5 : 8. There is a proposal to increase these seats by 50%, 40% and 25%, respectively. What will be the proportion of increased seats?

- Ans**
- ☒ 1. 12 : 9 : 33
  - ☒ 2. 21 : 14 : 20
  - ☒ 3. 57 : 45 : 33
  - ☒ 4. 7 : 4 : 4

Question ID : 65497818088  
Chosen Option : 2

**Q.21** A survey was conducted on 80 families to know about their most favourite place to visit out of 6 particular locations. The same has been shown in the following pie chart.



What is the central angle for the families who showed interest for visiting Jaipur?

- Ans**
- ☒ 1. 15°
  - ☒ 2. 25°
  - ☒ 3. 54°
  - ☒ 4. 60°

Question ID : 65497818100  
Chosen Option : 3

**Q.22** Ankit invests some money at 9% simple interest for 2 years, and the same sum for 4 years at 10% per annum. He earns ₹1,740 in all. The sum invested in each case is:

- Ans
- ☒ 1. ₹4,350
  - ☒ 2. ₹3,000
  - ☒ 3. ₹6,000
  - ☒ 4. ₹4,500

Question ID : 65497818091  
Chosen Option : 2

**Q.23** A is 30% more efficient than B. If B finishes a work in 13 days, then in how many days will A finish the same work?

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

Question ID : 65497818077  
Chosen Option : 3

**Q.24** A typist uses a paper of size 32 cm × 20 cm. He leaves a margin of 2 cm each on all the sides. If he leaves a margin of 1 cm only on all the sides, then what is the percentage of the increase in the area available for typing (correct to 2 decimal places)?

- Ans
- ☒ 1. 20.54%
  - ☒ 2. 82.96%
  - ☒ 3. 17.04%
  - ☒ 4. 79.46%

Question ID : 65497818084  
Chosen Option : 1

**Q.25** Amit covers a certain distance on his bike at a speed of 40 km/h in 15 min. If he wants to cover the same distance in 12 min, then what should his speed be?

- Ans
- ☒ 1. 60 km/h
  - ☒ 2. 50 km/h
  - ☒ 3. 72 km/h
  - ☒ 4. 32 km/h

Question ID : 65497818079  
Chosen Option : 2

Section : General Awareness

**Q.1 Who among the following built the first European fort in India in the year 1503?**

- Ans ☒ 1. Dutch  
☒ 2. British  
☒ 3. French  
☒ 4. Portuguese

Question ID : 65497817620  
Chosen Option : 4

**Q.2 Which state became the first fully organic farming state in India in 2016?**

- Ans ☒ 1. Assam  
☒ 2. Sikkim  
☒ 3. Punjab  
☒ 4. Goa

Question ID : 65497817602  
Chosen Option : 2

**Q.3 Which part of the world has the highest density of population as of September 2020?**

- Ans ☒ 1. East Australia  
☒ 2. North America  
☒ 3. East Africa  
☒ 4. South Central Asia

Question ID : 65497817618  
Chosen Option : --

**Q.4 What do you call the transparent front part of the eye?**

- Ans ☒ 1. Cornea  
☒ 2. Retina  
☒ 3. Pupil  
☒ 4. Iris

Question ID : 65497817613  
Chosen Option : 1

**Q.5 Which Indian city was included in the UNESCO Creative Cities Network for its contribution to music in November 2017?**

- Ans ☒ 1. Nagpur  
☒ 2. Vadodara  
☒ 3. Bengaluru  
☒ 4. Chennai

Question ID : 65497817603  
Chosen Option : --



**Q.6 Which of the following is an essential element used in the synthesis of proteins in plants?**

- Ans
- ☒ 1. Calcium
  - ☒ 2. Sodium
  - ☒ 3. Chlorine
  - ☒ 4. Nitrogen

Question ID : **65497817612**  
Chosen Option : **4**

**Q.7 The Chalukya Dynasty ruled in Vatapi which is in the modern day Indian state of \_\_\_\_\_.**

- Ans
- ☒ 1. Kerala
  - ☒ 2. Gujarat
  - ☒ 3. Karnataka
  - ☒ 4. Tamil Nadu

Question ID : **65497817621**  
Chosen Option : **3**

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

- Ans
- ☒ 1. Ramanathan Krishnan
  - ☒ 2. Ramesh Krishnan
  - ☒ 3. Anand Amritraj
  - ☒ 4. Vijay Amritraj

Question ID : **65497817601**  
Chosen Option : **1**

**Q.9 Which of the following is one of the main active sulphur-containing compounds present in garlic and onion?**

- Ans
- ☒ 1. Allicin
  - ☒ 2. Cellulose
  - ☒ 3. Ethanol
  - ☒ 4. Phenol

Question ID : **65497817615**  
Chosen Option : **--**

**Q.10 Pochampally Ikat sarees and dress materials, famous for their traditional geometric patterns, belong to the state of \_\_\_\_\_.**

- Ans
- ☒ 1. Telangana
  - ☒ 2. Tamil Nadu
  - ☒ 3. Karnataka
  - ☒ 4. Kerala

Question ID : **65497817598**  
Chosen Option : **--**

**Q.11 What kind of a traditional sport is 'Vallam Kali'?**

- Ans
- ☒ 1. Boxing
  - ☒ 2. Running
  - ☒ 3. Boat racing
  - ☒ 4. Wrestling

Question ID : **65497817600**  
Chosen Option : **3**

**Q.12 'Ratvai' is a dance form associated with the \_\_\_\_\_ tribes of India.**

- Ans
- ☒ 1. Mewati
  - ☒ 2. Khasi
  - ☒ 3. Jatapus
  - ☒ 4. Bhil

Question ID : **65497817597**  
Chosen Option : --

**Q.13 'Muya Awandru' is a traditional food of this Indian state.**

- Ans
- ☒ 1. Gujarat
  - ☒ 2. Karnataka
  - ☒ 3. Chhattisgarh
  - ☒ 4. Tripura

Question ID : **65497817599**  
Chosen Option : --

**Q.14 A paper instructing the bank to pay a specific amount from a person's account to another person in whose name it has been issued is known as:**

- Ans
- ☒ 1. cash
  - ☒ 2. cheque
  - ☒ 3. passbook
  - ☒ 4. currency

Question ID : **65497818110**  
Chosen Option : **2**

**Q.15 Who among the following was appointed as the First Lieutenant Governor of Ladakh in October 2019?**

- Ans
- ☒ 1. Radha Krishna Mathur
  - ☒ 2. Anil Bajjal
  - ☒ 3. Dineshwar Sharma
  - ☒ 4. Girish Chandra Murmu

Question ID : **65497817608**  
Chosen Option : **4**

**Q.16** If two forces act on an object from opposite directions, then the magnitude of the net force acting on it is the \_\_\_\_\_ of the magnitudes of the two forces.

- Ans
- ☒ 1. product
  - ☒ 2. sum
  - ☒ 3. ratio
  - ☒ 4. difference

Question ID : 65497817611  
Chosen Option : 4

**Q.17** What is the maximum amount of investment permissible per senior citizen under Pradhan Mantri Vaya Vandana Yojana?

- Ans
- ☒ 1. ₹10 lakh
  - ☒ 2. ₹15 lakh
  - ☒ 3. ₹7 lakh
  - ☒ 4. ₹25 lakh

Question ID : 65497815889  
Chosen Option : 1

**Q.18** India and Pakistan had signed the \_\_\_\_\_, under which the two countries agreed to sort out differences and disputes bilaterally.

- Ans
- ☒ 1. Calcutta Pact
  - ☒ 2. Simla Pact
  - ☒ 3. Lucknow Pact
  - ☒ 4. Agra Pact

Question ID : 65497817610  
Chosen Option : 2

**Q.19** Rani Rudrama Devi was a famous ruler of the \_\_\_\_\_ dynasty.

- Ans
- ☒ 1. Pandya
  - ☒ 2. Kakatiya
  - ☒ 3. Chola
  - ☒ 4. Chera

Question ID : 65497817619  
Chosen Option : 2

**Q.20** In which year did India give shelter to Dalai Lama, the Tibetan spiritual leader?

- Ans
- ☒ 1. 1962
  - ☒ 2. 1957
  - ☒ 3. 1960
  - ☒ 4. 1959

Question ID : 65497817609  
Chosen Option : --

**Q.21 Which of the following is a low grade brown coal that is soft with high moisture content?**

- Ans
- ☒ 1. Bituminous
  - ☒ 2. Anthracite
  - ☒ 3. Peat
  - ☒ 4. Lignite

Question ID : **65497817617**  
Chosen Option : 3

**Q.22 What do you call one of the most famous constellations that we can see during summer time in the early part of the night?**

- Ans
- ☒ 1. Cassiopeia
  - ☒ 2. Ursa Minor
  - ☒ 3. Orion
  - ☒ 4. Ursa Major

Question ID : **65497817614**  
Chosen Option : 4

**Q.23 In terms of coal reserves, India's rank in the world as of April 2020 was:**

- Ans
- ☒ 1. ninth
  - ☒ 2. fifth
  - ☒ 3. seventh
  - ☒ 4. third

Question ID : **65497817616**  
Chosen Option : --

**Q.24 Who among the following helped Kaira District Co-operative Milk Producers' Union Ltd expand its work, ushering in the White Revolution?**

- Ans
- ☒ 1. Verghese Kurien
  - ☒ 2. Azar Iqbal
  - ☒ 3. Baba Amte
  - ☒ 4. Sunderlal Bahuguna

Question ID : **65497817607**  
Chosen Option : 1

**Q.25 'Ace against Odds' is an autobiography by \_\_\_\_\_.**

- Ans
- ☒ 1. Hima Das
  - ☒ 2. Sania Mirza
  - ☒ 3. Dutee Chand
  - ☒ 4. Mary Kom

Question ID : **65497817604**  
Chosen Option : 3