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	06/10/2021
Test Time :	4:00 PM - 5:30 PM
Subject	MTS Non Technical 2020

Section : **General English**

Q.1 **Select the most appropriate meaning of the given idiom.**

Over the moon

Ans ✔️ 1. Extremely happy

❌ 2. Highly imaginative

❌ 3. Very ambitious

❌ 4. Very unrealistic

Question ID : **65497814712**
Chosen Option : **1**

Q.2 **Select the INCORRECTLY spelt word.**

Ans ❌ 1. Decorative

✔️ 2. Extravagent

❌ 3. Elaborate

❌ 4. Ornamental

Question ID : **65497814715**
Chosen Option : **2**

Q.3 **Select the INCORRECTLY spelt word**

Ans ❌ 1. Persuasion

✔️ 2. Absense

❌ 3. Erroneous

❌ 4. Scenic

Question ID : **65497814716**
Chosen Option : **2**

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

A person who remains unmoved and unaffected by other people's opinions, suggestions

Ans ✘ 1. Irresponsible

✘ 2. Unreliable

✘ 3. Imprudent

✔ 4. Impervious

Question ID : **65497814714**

Chosen Option : **4**

Q.5 Select the most appropriate synonym of the given word.

FLUORESCENT

Ans ✘ 1. elaborate

✘ 2. flowery

✘ 3. perfumed

✔ 4. glowing

Question ID : **65497814710**

Chosen Option : **4**

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

Copycat

Ans ✘ 1. One who loves cats and dogs

✔ 2. One who imitates another closely

✘ 3. One who copies all drawings of cats

✘ 4. One who doesn't like cats as pets

Question ID : **65497814711**

Chosen Option : **2**

Q.7 Identify the segment in the sentence which contains a grammatical error.

Vijaya saw the play in a auditorium near her house.

Ans ✔ 1. in a auditorium

✘ 2. near her house

✘ 3. the play

✘ 4. Vijaya saw

Question ID : **65497814693**

Chosen Option : **1**

Q.8 Select the most appropriate one-word substitution for the given group of words.

A boat or ship for conveying passengers and goods, especially over a relatively short distance and as a regular service

Ans   ✗ 1. Dinghy

       ✓ 2. Ferry

       ✗ 3. Freighter

       ✗ 4. Submarine

Question ID : **65497814713**
Chosen Option : **2**

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

FLIMSY

Ans   ✓ 1. strong

       ✗ 2. weak

       ✗ 3. tiny

       ✗ 4. clumsy

Question ID : **65497814708**
Chosen Option : **1**

Q.10 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

I'm <u>certain go</u> to start studying from today.

Ans   ✗ 1. certain going

       ✗ 2. certainly go

       ✓ 3. certainly going

       ✗ 4. No substitution required

Question ID : **65497816624**
Chosen Option : **3**

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

They looked at each other for a moment without speaking and then fell into a _____.

Ans   ✓ 1. conversation

       ✗ 2. confidence

       ✗ 3. conversion

       ✗ 4. conviction

Question ID : **65497814718**
Chosen Option : **1**

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

Obi wanted to continue on his idea of building a modern school.

Ans   ✗ 1. building a modern school

       ✗ 2. Obi wanted

       ✗ 3. his idea of

       ✓ 4. to continue on

Question ID : **65497814695**
Chosen Option : **4**

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

GRACEFUL

Ans   ✓ 1. elegant

       ✗ 2. dangerous

       ✗ 3. pleasant

       ✗ 4. friendly

Question ID : **65497814709**
Chosen Option : **1**

Q.14 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'.

Very soon, the people <u>find out as</u> the snake was harmless and the boys began to tease it mercilessly.

Ans   ✓ 1. found out that

       ✗ 2. finds out but

       ✗ 3. No substitution required

       ✗ 4. finding out so

Question ID : **65497814403**
Chosen Option : **1**

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

_____ entering the hall, please turn off your mobile phones.

Ans   ✗ 1. Previous

       ✗ 2. Earlier

       ✗ 3. Ahead

       ✓ 4. Before

Question ID : **65497814696**
Chosen Option : **4**

Q.16 **Select the most appropriate ANTONYM of the given word.**

DEFENCE

Ans   ✗ 1. protection

        ✓ 2. offence

        ✗ 3. security

        ✗ 4. guard

Question ID : **65497814707**
Chosen Option : **2**

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

Slowly the dog, Spot, went towards it and pounced up the rat.

Ans   ✓ 1. up the rat

        ✗ 2. and pounced

        ✗ 3. went towards it

        ✗ 4. Slowly the dog, Spot

Question ID : **65497814694**
Chosen Option : **1**

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

Half-way _____ the two towns there was a mountain which had to be crossed.

Ans   ✓ 1. between

        ✗ 2. across

        ✗ 3. around

        ✗ 4. within

Question ID : **65497814717**
Chosen Option : **2**

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'.**

There were a dozen eggs in the basket, but now there will be only six.

Ans   ✗ 1. there been

        ✓ 2. there are

        ✗ 3. No substitution required

        ✗ 4. there is

Question ID : **65497814704**
Chosen Option : **2**

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

With your new credit card, you can _____ up to ₹20,000 in a day.

Ans ✗ 1. withdraws

✗ 2. withdrew

✓ 3. withdraw

✗ 4. withdrawn

Question ID : **65497814697**

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.

Long ago in China, at a time when girls (1)_____ expected to stay at home and (2)_____ household work while the boys (3)_____ to school, a girl named Zhu had a desire (4)_____ study. Her family was wealthy and Zhu was (5)_____ so she too could have had her wish, but her father did not want to go against tradition.

SubQuestion No : 21

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

Ans ✗ 1. will

✗ 2. be

✓ 3. were

✗ 4. are

Question ID : **65497814699**

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.

Long ago in China, at a time when girls (1)_____ expected to stay at home and (2)_____ household work while the boys (3)_____ to school, a girl named Zhu had a desire (4)_____ study. Her family was wealthy and Zhu was (5)_____ so she too could have had her wish, but her father did not want to go against tradition.

SubQuestion No : 22

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

Ans ✗ 1. make

✗ 2. teach

✗ 3. produce

✓ 4. do

Question ID : **65497814700**

Chosen Option : **4**

Comprehension:

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

Long ago in China, at a time when girls (1)_____ expected to stay at home and (2)_____ household work while the boys (3)_____ to school, a girl named Zhu had a desire (4)_____ study. Her family was wealthy and Zhu was (5)_____ so she too could have had her wish, but her father did not want to go against tradition.

SubQuestion No : 23

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

Ans   ✗ 1. going

      ✗ 2. goes

      ✗ 3. go

      ✔ 4. went

Question ID : **65497814701**

Chosen Option : **4**

Comprehension:

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

Long ago in China, at a time when girls (1)_____ expected to stay at home and (2)_____ household work while the boys (3)_____ to school, a girl named Zhu had a desire (4)_____ study. Her family was wealthy and Zhu was (5)_____ so she too could have had her wish, but her father did not want to go against tradition.

SubQuestion No : 24

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

Ans   ✗ 1. for

      ✗ 2. at

      ✔ 3. to

      ✗ 4. in

Question ID : **65497814702**

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.

Long ago in China, at a time when girls (1)_____ expected to stay at home and (2)_____ household work while the boys (3)_____ to school, a girl named Zhu had a desire (4)_____ study. Her family was wealthy and Zhu was (5)_____ so she too could have had her wish, but her father did not want to go against tradition.

SubQuestion No : 25

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

Ans   ✗ 1. treated

      ✔ 2. pampered

      ✗ 3. trained

      ✗ 4. prepared

Question ID : **65497814703**

Chosen Option : **4**

Section : **General Intelligence and Reasoning**

Q.1 **Which two digits can be interchanged so as to balance the given equation?**

   76 + 108 ÷ 9 − 11 × 2 = 18

Ans ✗ 1. 2 and 7

   ✗ 2. 8 and 7

   ✗ 3. 1 and 7

   ✓ 4. 6 and 2

Question ID : **65497814618**
Chosen Option : **4**

Q.2 **Select the correct sequence of mathematical signs to sequentially replace the A, B, C, D and E so as to balance the given equation.**

   38 A 56 B 8 C 15 D (36 E 28) = 151

Ans ✗ 1. − × + ÷ −

   ✓ 2. − ÷ + × −

   ✗ 3. + ÷ × − +

   ✗ 4. × − ÷ + −
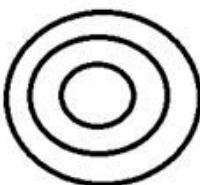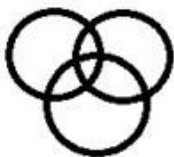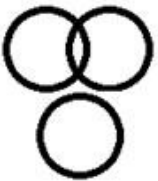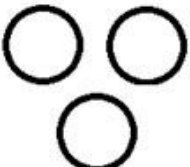
Question ID : **65497814619**
Chosen Option : **2**

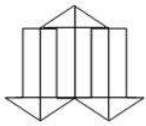**Q.3** Select the Venn diagram that best illustrates the relationship between the following classes.

Village people, Educated people, Intelligent people

Ans

   ✗ 1.

   ✓ 2.

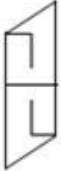   ✗ 3.

   ✗ 4.

Question ID : **65497814642**
Chosen Option : **2**

Q.4 Identify the option figure which is embedded in the following figure (rotation is NOT allowed).
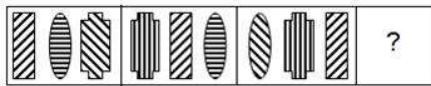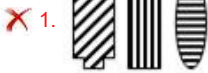

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.

Question ID : **65497814639**
Chosen Option : **2**

Q.5 Select the option figure that will replace the question mark (?) in the following figure series.

Ans

✗ 1.

✗ 2.

✓ 3.

✗ 4.

Question ID : **65497814637**
Chosen Option : **3**

Q.6 'Young' is related to 'Age' in the same way as 'Short' is related to '_____'.

Ans   ✗ 1. Rain

✓ 2. Period

✗ 3. Small

✗ 4. Train

Question ID : **65497814630**
Chosen Option : **3**

Q.7 In a certain code language, 12345 is coded as 182764125. How will 65428 be coded in that language?

Ans   ✗ 1. 21512463511

✗ 2. 149016025
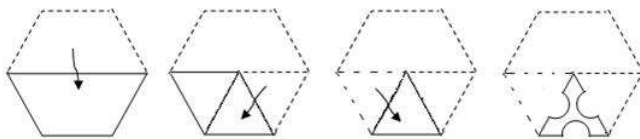
✗ 3. 216125747512

✓ 4. 216125648512

Question ID : **65497814620**
Chosen Option : **4**

Q.8 If in a coding system, HOUSE is coded as 340 and FOETUS is coded as 516, then how will CONSENT be coded in the same coding system?
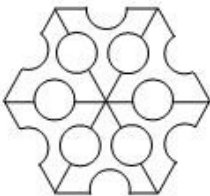
Ans   ✓ 1. 630

✗ 2. 542

✗ 3. 455

✗ 4. 360

Question ID : **65497814627**
Chosen Option : **1**

Q.9   A paper is folded and cut as shown in the following figures. How will it appear when unfolded?

Ans

✗ 1.

✗ 2.

✓ 3.
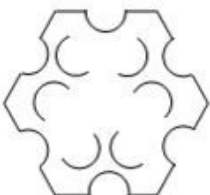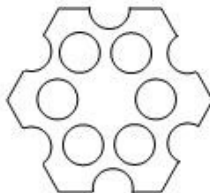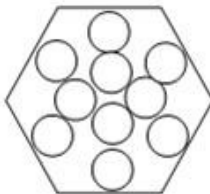

✗ 4.

Question ID : **65497814641**

Chosen Option : **3**

Q.10   Five persons, V, W, X, Y and Z are sitting along a round table facing the centre. V is sitting 2nd to the right of W, who is 2nd to the right of X. If Y is sitting adjacent to X, then who is to the immediate left of V?

Ans   ✓ 1. Z

✗ 2. Y

✗ 3. W

✗ 4. X

Question ID : **65497814634**

Chosen Option : **1**

Q.11 Which number will replace the question mark (?) in the following number series?

2, 12, 30, 56, 90, 132, ?

Ans   ✗ 1. 180

     ✗ 2. 184

     ✗ 3. 186

     ✓ 4. 182

Question ID : **65497814623**
Chosen Option : **4**

Q.12 Select the correct mirror image of the given combination when the mirror is placed to the right side of the it.

Ù&Á?FS

Ans   ✗ 1. SᖷÁ¿8Ù

     ✗ 2. Sᖷ¿Á8Ù

     ✓ 3. SᖷꙅÁ8Ú

     ✗ 4. SF?Á&Ù

Question ID : **65497814640**
Chosen Option : **3**

Q.13 Which letter-cluster will replace the question mark (?) in the following letter-cluster series?

GJM, QTW, ADG, ?

Ans   ✗ 1. KOR

     ✗ 2. JNR

     ✓ 3. KNQ

     ✗ 4. JMP

Question ID : **65497814631**
Chosen Option : **3**

Q.14 Two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:
All Eagles are Kites.
All Kites are Sparrows.

Conclusions:
I. All Sparrows are Eagles.
II. All Eagles are Sparrows.

Ans　✗ 1. Both conclusions I and II follow.

　　✗ 2. Neither conclusion I nor II follows.

　　✗ 3. Only conclusion I follows.

　　✓ 4. Only conclusion II follows.

> Question ID : **65497814632**
> Chosen Option : **4**

Q.15 Identify the option figure that when placed in the blank space completes the pattern in the given question figure.

Ans

✗ 1.

✗ 2.

✗ 3.

✓ 4.
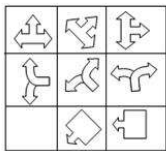
> Question ID : **65497814638**
> Chosen Option : **4**

Q.16 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.

ORGANZA : LJTAMBZ :: TEMPLATE : ?

Ans　✗ 1. FFNQMZHV

　　✗ 2. GFMQLZGV

　　✓ 3. GWNLOAGW

　　✗ 4. QBJMIXQB

> Question ID : **65497814628**
> Chosen Option : **2**

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

Kohima : Nagaland :: Shillong : ?

Ans   ✗ 1. Odisha

      ✓ 2. Meghalaya

      ✗ 3. Assam

      ✗ 4. Sikkim

Question ID : **65497814629**	
Chosen Option : **2**	

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

9 7 79
7 8 71
6 9 ?

Ans   ✓ 1. 69

      ✗ 2. 66

      ✗ 3. 74

      ✗ 4. 71

Question ID : **65497814621**	
Chosen Option : **1**	

Q.19 In a certain code language, if HARIDWAR is written as FCPKBYYT, then how will BIKANER be written in the same code language?

Ans   ✗ 1. DKMCPGT

      ✗ 2. KIBNARE

      ✓ 3. ZKICLGP

      ✗ 4. AGIALCP

Question ID : **65497814624**	
Chosen Option : **3**	

Q.20 If in a coding system, ORATORY is coded as 116 and RAVENOUS is coded as 119, then how will IRIDOLOGY be coded in the same coding system?

Ans   ✗ 1. 114

      ✗ 2. 110

      ✓ 3. 118

      ✗ 4. 116

Question ID : **65497814626**	
Chosen Option : **3**	

Q.21 Six special lectures are to be organised on Banking system, Quality circles, Work motivation, Decision making, Current affairs, and Personality development. Lectures are scheduled to be held, one lecture on each day from Monday to Sunday, as per the details given below:

1. Work motivation should be organised immediately after Decision making.
2. Quality circle should be organised on Wednesday and should not be followed by Personality development.
3. Decision making should be organised on Friday and there should be a gap of two days between Banking system and Current affairs.
4. On one day, other than Saturday, there should be no lecture. Current affairs should be on previous day of holiday.

Which lecture will be organised on the first day (Monday)?

Ans   ✘ 1. Banking system

     ✔ 2. Current affairs

     ✘ 3. Working motivation

     ✘ 4. Personality development

Question ID : **65497814636**

Chosen Option : **--**

Q.22 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 Toms are Jerrys.
Some Jerrys are Mickeys.

Conclusions:
I. Some Toms are Mickeys.
II. Some Toms are not Mickeys.
III. Some Jerrys are Toms.

Ans   ✘ 1. Both conclusions II and III follow.

     ✘ 2. Only conclusion II follows.

     ✘ 3. Only conclusion I follows.

     ✔ 4. Only conclusion III follows.

Question ID : **65497814633**

Chosen Option : **4**

Q.23 Which number will replace the question mark (?) in the following number series?

86, 74, 84, 76, ?, 78, 80

Ans   ✘ 1. 80

     ✔ 2. 82

     ✘ 3. 78

     ✘ 4. 84

Question ID : **65497814622**

Chosen Option : **2**

Q.24 Eight students were sitting on two benches, L, M, N, O on the front bench and P, Q, R, S on the next one, but not in the same sequence. Q was sitting exactly behind M, who was sitting to the extreme right. O & P and L & S were sitting adjacent to each other in diagonally cross positions, S being on the extreme left. What was the sitting position of N?

Ans   ✗ 1. Diagonal to R

       ✓ 2. Exactly in front of R

       ✗ 3. Right of O

       ✗ 4. Left of L

Question ID : **65497814635**
Chosen Option : **2**

Q.25 In a certain code language, if FINALIZE is written as JKRCPKDG, then how will INSIGNIA be written in the same code language?

Ans   ✗ 1. MRWMKRMG

       ✗ 2. MPTMIPMG

       ✓ 3. KRWKKRKC

       ✗ 4. GRWGKRGY

Question ID : **65497814625**
Chosen Option : **2**

Section : **Numerical Aptitude**

Q.1 Let x be the least number between 70000 and 75000 which on being divided by 225, 250 and 275 leaves a remainder of 61 in each case. The sum of the digits of x is:

Ans   ✗ 1. 12

       ✗ 2. 29

       ✓ 3. 16

       ✗ 4. 21

Question ID : **65497814643**
Chosen Option : **3**

Q.2 By selling a fan for ₹2,604, there is a loss of 7%. If it is sold for ₹3,094, then the profit percentage is:

Ans   ✗ 1. 10%

       ✗ 2. 12%

       ✗ 3. 9.5%

       ✓ 4. 10.5%

Question ID : **65497814652**
Chosen Option : **4**

Q.3 What is the mean of the range and median of the given data?

11, 16, 14, 7, 11, 23, 10, 30, 20, 33, 19, 12, 17, 14

Ans ✔ 1. 20.5

✗ 2. 25.5

✗ 3. 24

✗ 4. 19

Question ID : **65497814649**

Chosen Option : **2**

Q.4 A person travels a certain distance at $4\frac{1}{6}$ m/sec and returns to the starting point at 12 km/h. His average speed (in km/h) is:

Ans ✗ 1. $12\frac{1}{2}$

✔ 2. $13\frac{1}{3}$

✗ 3. $13\frac{1}{2}$

✗ 4. $10\frac{1}{3}$

Question ID : **65497814660**

Chosen Option : **2**

Q.5 The value of $\frac{3}{7} + \frac{1}{14} \times 2\frac{4}{5} - \left(\frac{1}{4} \div \frac{2}{7} \text{of } 2\frac{1}{3}\right) \times \left(5\frac{1}{5} \div 3\frac{1}{2} \times \frac{5}{13}\right)$ is:

Ans ✗ 1. $\frac{22}{35}$

✗ 2. $\frac{3}{14}$

✗ 3. $\frac{14}{21}$

✔ 4. $\frac{29}{70}$

Question ID : **65497814645**

Chosen Option : **4**

Q.6 The ratio of A and B is 2 : 3, and B is 8 more than A. If a certain number k is added to each of A and B, then the ratio becomes 7 : 9. The value of k is:

Ans ✗ 1. 10

✗ 2. 8

✔ 3. 12

✗ 4. 16

Question ID : **65497814655**

Chosen Option : **3**

Q.7 The ratios of acid and water in the solutions in vessels A and B are 4 : 5 and 5 : 1, respectively. A new solution is obtained by mixing 5 litres and 4 litres of the solutions from A and B, respectively. What is the ratio of acid and water in the new solution?

Ans ✗ 1. 9 : 4

✓ 2. 50 : 31

✗ 3. 25 : 16

✗ 4. 15 : 8

Question ID : **65497814657**
Chosen Option : **2**

Q.8 A shopkeeper marks an article 24% above its cost price and allows a 15% discount on the marked price. If he earns a profit of ₹27 by selling the article, then the selling price of the article is:

Ans ✗ 1. ₹508

✗ 2. ₹522

✗ 3. ₹517

✓ 4. ₹527

Question ID : **65497814648**
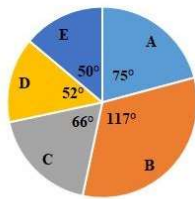Chosen Option : **4**

Q.9

The value of $\dfrac{3\frac{1}{4} - \frac{4}{5} \text{ of } \frac{5}{6}}{4\frac{1}{3} \div \frac{1}{5} - \left(\frac{3}{10} + 21\frac{1}{5}\right)} - \left(2\frac{2}{3} \text{ of } 1\frac{1}{2}\right)$ is:

Ans ✗ 1. $13\frac{1}{2}$

✓ 2. $11\frac{1}{2}$

✗ 3. $9\frac{1}{2}$

✗ 4. $12\frac{1}{2}$

Question ID : **65497816583**
Chosen Option : **2**

Q.10 Study the given pie chart and answer the question that follows.

Break-up of the students studying in schools A, B, C, D and E managed by a society, in 2019

Total number of Students in five schools =5400

The ratio of the number of boys and girls in school B is 6 : 7, and 40% of the students in school D are boys. The total number of girls in schools B and D is:

Ans
✗ 1. 1503
✗ 2. 1410
✗ 3. 1508
✔ 4. 1413

Question ID : **65497814667**
Chosen Option : **4**

Q.11 A sum of ₹3,780 is divided between A, B and C such that if their shares are decreased by ₹130, ₹150 and ₹200, respectively, then they are in the ratio of 5 : 2 : 4. What is the original share of C?

Ans
✗ 1. ₹1,350
✗ 2. ₹1,330
✔ 3. ₹1,400
✗ 4. ₹1,430

Question ID : **65497814656**
Chosen Option : **3**

Q.12 The average of the 2-digit numbers 49, $6x$, $x4$ and 70 is 65. What is the average of $(x + 8)$ and $(x + 12)$?

Ans
✗ 1. 16
✔ 2. 17
✗ 3. 19
✗ 4. 18

Question ID : **65497814647**
Chosen Option : **4**

Q.13 A sum of ₹5,760 amounts to ₹7,200 in 4 years and to ₹ x in 12 years at a certain rate per cent per annum, when the interest is compounded yearly in both the cases. What is the value of x?
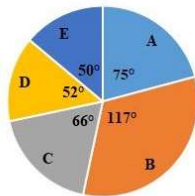
Ans
✗ 1. 11500
✔ 2. 11250
✗ 3. 12500
✗ 4. 12250

Question ID : **65497814654**
Chosen Option : **--**

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

Break-up of the students studying in schools A, B, C, D and E managed by a society, in 2019

Total number of Students in five schools =5400

The difference between the number of students in school B and the total number of students in schools D and E is p.

The value of p lies between:

Ans
✗ 1. 210 and 220
✔ 2. 220 and 230
✗ 3. 200 and 210
✗ 4. 230 and 240

Question ID : **65497814665**
Chosen Option : **2**

Q.15 Study the given pie chart and answer the question that follows.

Break-up of the students studying in schools A, B, C, D and E managed by a society, in 2019
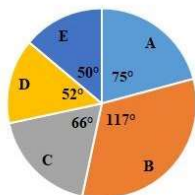
Total number of Students in five schools =5400

The average number of students in schools A, B and C is what percentage more than the number of students in school E?

Ans
✗ 1. 65%
✗ 2. 60%
✔ 3. 72%
✗ 4. 70%

Question ID : **65497814666**
Chosen Option : **3**

Q.16 The amount obtained by investing a certain sum at r % p.a. for 3 years at simple interest is equal to the simple interest on the same sum at the same rate for 13 years. The value of r is:

Ans
✗ 1. 8
✔ 2. 10
✗ 3. 16
✗ 4. 12

Question ID : **65497814653**
Chosen Option : **2**

Q.17 A solid metal cube of edge 12 cm is immersed completely in water in a cylindrical vessel whose radius is 20 cm and height is 32 cm, and the water in the vessel is up to a height of 15 cm. The height (in cm) by which the water will rise in the vessel is (correct to one decimal place):

Ans   ✗ 1. 0.9

       ✔ 2. 1.4

       ✗ 3. 1.2

       ✗ 4. 1.1

Question ID : **65497814461**
Chosen Option : **2**

Q.18 If x% of 180 is 25% less than $(x + 350)$, then 18% of $(x + 50)$ is what percentage more than 12% of x?

Ans   ✗ 1. 60

       ✗ 2. 72

       ✗ 3. 75

       ✔ 4. 80

Question ID : **65497814650**
Chosen Option : **4**

Q.19 What is the radius (in cm) of a circle whose area is $2\frac{17}{30}$ times the sum of the areas of two triangles whose sides are 20 cm, 21 cm and 29 cm, and 11 cm, 60 cm and 61 cm (take $\pi = \frac{22}{7}$)?

Ans   ✔ 1. 21

       ✗ 2. 14

       ✗ 3. 17.5

       ✗ 4. 24.5

Question ID : **65497814662**
Chosen Option : **1**

Q.20 The average of 18 numbers is 65. The average of the first 10 numbers is 72 and that of the last 9 numbers is 58. If the 10th number is excluded, then what is the average of the remaining numbers (correct to one decimal place)?

Ans   ✔ 1. 64.6

       ✗ 2. 66.6

       ✗ 3. 65.2

       ✗ 4. 65.4

Question ID : **65497814646**
Chosen Option : **1**

Q.21 Pipes A and B can fill a tank in 8 hours and 12 hours, respectively. C is an outlet pipe. When all the three are opened together, the tank is filled in $13\frac{1}{3}$ hours. C alone can empty the full tank in:

Ans   ✗ 1. $6\frac{1}{2}$ hours

       ✓ 2. $7\frac{1}{2}$ hours

       ✗ 3. 8 hours

       ✗ 4. 6 hours

Question ID : **65497814659**
Chosen Option : **2**

Q.22 The value of

$79 - [128 - \{75 - (72 \div 16 \times 4) + (18 \div 2 \text{ of } 6) \times 4\}]$ is:

Ans   ✓ 1. 14

       ✗ 2. 10

       ✗ 3. 15

       ✗ 4. 17

Question ID : **65497814644**
Chosen Option : **1**

Q.23 84 persons take 56 days to complete a certain task. When one-fourth of the task was completed, one-seventh of the workers left. How many days in all does it take to complete the entire task?

Ans   ✗ 1. 60

       ✗ 2. 64

       ✗ 3. 66

       ✓ 4. 63

Question ID : **65497814658**
Chosen Option : **1**

Q.24 When an article is sold for ₹768, the profit percentage is $x\%$. When the same article is sold for ₹896, the profit percentage is $(x + 20)\%$. What is the value of x?

Ans   ✗ 1. 30

       ✗ 2. 25

       ✗ 3. 15

       ✓ 4. 20

Question ID : **65497814651**
Chosen Option : **4**

Q.25 A 270-m-long train takes 24 seconds to cross a pole. If it takes 1 minute to cross a tunnel, then the length (in m) of the tunnel is:

Ans ✗ 1. 507

✔ 2. 405

✗ 3. 408

✗ 4. 510

Question ID : **65497814661**
Chosen Option : **2**

Section : **General Awareness**

Q.1 When did the World Trade Organization come into existence?

Ans ✗ 1. 1990

✗ 2. 2000

✔ 3. 1995

✗ 4. 2005

Question ID : **65497814273**
Chosen Option : **3**

Q.2 What is Agraphia?

Ans ✗ 1. Loss of the ability to hear

✗ 2. Loss of the ability to speak

✔ 3. Loss of the ability to write

✗ 4. Loss of the ability to understand

Question ID : **65497814382**
Chosen Option : **4**

Q.3 Which of the following monuments is also known as the 'Taj of the Deccan'?

Ans ✗ 1. Qutb Minar

✔ 2. Bibi ka Maqbara

✗ 3. Chand Minar

✗ 4. Mahabat Maqbara

Question ID : **65497814367**
Chosen Option : **3**

Q.4 What does Ornithology deal with?

Ans ✗ 1. Study of fish

✗ 2. Study of reptiles and amphibians

✗ 3. Study of insects

✔ 4. Study of birds

Question ID : **65497814381**
Chosen Option : **4**

Q.5 Who among the following developed the Cholera vaccine in 1885?

Ans   ✗ 1. Edward Jenner

       ✓ 2. Jaime Ferrán

       ✗ 3. Jonas Salk

       ✗ 4. Leon Calmette

Question ID : **65497814383**
Chosen Option : **2**

Q.6 Which of the following states has the highest coal reserve?

Ans   ✗ 1. Chhattisgarh

       ✗ 2. Odisha

       ✓ 3. Jharkhand

       ✗ 4. West Bengal

Question ID : **65497814385**
Chosen Option : **3**

Q.7 The European Champions Cup or Heineken Cup is associated with which sport?

Ans   ✓ 1. Rugby

       ✗ 2. Cricket

       ✗ 3. Football

       ✗ 4. Hockey

Question ID : **65497814369**
Chosen Option : **3**

Q.8 The procedure for the nomination of members to the Rajya Sabha in the Constitution of India is borrowed from which of the following countries' constitution?

Ans   ✗ 1. Russia

       ✗ 2. Germany

       ✓ 3. Ireland

       ✗ 4. The US

Question ID : **65497814378**
Chosen Option : **4**

Q.9 Identify the waterways which separate the Andaman and the Nicobar Islands?

Ans   ✗ 1. Palk Strait

       ✗ 2. Maliku Kandu

       ✗ 3. Duncan Passage

       ✓ 4. Ten Degree Channel

Question ID : **65497814384**
Chosen Option : **4**

Q.10 The Paithani saree weaving industry is in which state?

Ans   ✖ 1. Rajasthan

      ✖ 2. Gujarat

      ✔ 3. Maharashtra

      ✖ 4. Assam

Question ID : **65497814366**
Chosen Option : **--**

Q.11 In which of the following cities was the Veda Samaj established in 1864?

Ans   ✖ 1. Bombay (now Mumbai)

      ✔ 2. Madras (now Chennai)

      ✖ 3. Calicut

      ✖ 4. Calcutta (now Kolkata)

Question ID : **65497814387**
Chosen Option : **1**

Q.12 Which place had water harvesting system channeling the flood water of the Ganga river in the first century B.C?

Ans   ✖ 1. Kanpur

      ✖ 2. Gorakhpur

      ✖ 3. Mirzapur

      ✔ 4. Sringaverapura

Question ID : **65497814386**
Chosen Option : **--**

Q.13 What does Article 360 of the Constitution of India provide with?

Ans   ✖ 1. Right to life

      ✔ 2. Financial emergency

      ✖ 3. Right to property

      ✖ 4. Fundamental duties

Question ID : **65497814377**
Chosen Option : **2**

Q.14 'Harshacharita' (The Deeds of Harsha), which is the biography of Indian Emperor Harsha, was written by _____.

Ans   ✔ 1. Banabhatta

      ✖ 2. Swami Sivananda

      ✖ 3. Valmiki

      ✖ 4. Rabindranath Tagore

Question ID : **65497814371**
Chosen Option : **1**

Q.15 The 'Veeragase' dance, performed during the Dusshera festival holds a special place in the folk dances of the state of _____.

Ans   ✔ 1. Karnataka

    ✘ 2. Assam

    ✘ 3. Odisha

    ✘ 4. Sikkim

Question ID : **65497814365**
Chosen Option : **1**

Q.16 Under the rule of which king was the Sun Temple at Konark built?

Ans   ✘ 1. Anantha Padmanbhan

    ✘ 2. Samudragupta

    ✔ 3. Narasimhadeva 1

    ✘ 4. Anantavarman Chodaganga

Question ID : **65497814388**
Chosen Option : **3**

Q.17 Anjum Moudgil won the 2019 Arjuna Award for which sport?

Ans   ✘ 1. Cricket

    ✔ 2. Shooting

    ✘ 3. Weightlifting

    ✘ 4. Boxing

Question ID : **65497814368**
Chosen Option : **4**

Q.18 Ronald Reagan, the 40th President of the US, signed the largest tax cut in the history of their country in 1981. Which economic theory was this policy centred around?

Ans   ✔ 1. Laffer Curve

    ✘ 2. Lorenz Curve

    ✘ 3. Kuznets Curve

    ✘ 4. Sweezy's Kinked Demand Curve

Question ID : **65497814375**
Chosen Option : **3**

Q.19 Which of the following was the first English language newspaper of India?

Ans   ✔ 1. Hicky's Bengal Gazette

    ✘ 2. Maratha

    ✘ 3. The Madras Courier

    ✘ 4. The Bombay Herald

Question ID : **65497814389**
Chosen Option : **1**

Q.20 How many seats are allocated to Bihar in the Lok Sabha as per the statewise list of the 17th Lok Sabha?

Ans   ✗ 1. 60

       ✓ 2. 40

       ✗ 3. 78

       ✗ 4. 48

Question ID : **65497814376**
Chosen Option : **2**

Q.21 Who was the author of the book 'The Golden Threshold'?

Ans   ✗ 1. Dr. Rajendra Prasad

       ✗ 2. Jawaharlal Nehru

       ✓ 3. Sarojini Naidu

       ✗ 4. ZA Bhutto

Question ID : **65497814370**
Chosen Option : **3**

Q.22 The difference between Revenue Receipts plus Non-debt Capital Receipts (NDCR) and total expenditure is called _____.

Ans   ✗ 1. Revenue Deficit

       ✓ 2. Fiscal Deficit

       ✗ 3. Effective Revenue Deficit

       ✗ 4. Primary Deficit

Question ID : **65497816494**
Chosen Option : **2**

Q.23 The two epics, 'Raghuvamsha' and 'Kumarasambhava' are works of _____.

Ans   ✗ 1. Valmiki

       ✗ 2. Ramdas

       ✗ 3. Sivananda

       ✓ 4. Kalidas

Question ID : **65497814372**
Chosen Option : **4**

Q.24 Which of the following elements is NOT a component of baking soda?

Ans   ✗ 1. Hydrogen

       ✓ 2. Calcium

       ✗ 3. Sodium

       ✗ 4. Oxygen

Question ID : **65497814380**
Chosen Option : **1**

Q.25 Nyctalopia, more commonly known as Night Blindness, is caused by the deficiency of which nutrient?

Ans ✘ 1. Vitamin C

✘ 2. Magnesium

✘ 3. Potassium

✔ 4. Vitamin A

Question ID : **65497814379**

Chosen Option : **4**