Multi Tasking Non Technical Staff Examination 2020

Participant ID	**Join Telegram Link in App**
Participant Name	**Join Telegram Link in App**
Test Center Name	Purnodaya Mahila Mahavidyalaya
Test Date	02/11/2021
Test Time :	12:30 PM - 2:00 PM
Subject	MTS Non Technical 2020

Section : **General English**

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

One who is mentally not sound

Ans   ✗ 1. Brainy

✓ 2. Lunatic

✗ 3. Miserly

✗ 4. Mindful

Question ID : **65497815420**
Chosen Option : **2**

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

IGNORANT

Ans   ✓ 1. Learned

✗ 2. Simple

✗ 3. Crude

✗ 4. Innocent

Question ID : **65497815414**
Chosen Option : **4**

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

The ship was facing very stronger currents in the ocean.

Ans   ✓ 1. very stronger currents

✗ 2. was facing

✗ 3. The ship

✗ 4. in the ocean

Question ID : **65497815401**
Chosen Option : **1**

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

One who can use both hands equally well

Ans   ✗ 1. Multitalented

✗ 2. Multifaceted

✔ 3. Ambidextrous

✗ 4. Ambivalent

Question ID : **65497815421**
Chosen Option : **3**

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

The man was enjoyed the view from his terrace.

Ans   ✗ 1. the view

✗ 2. from his terrace

✔ 3. was enjoyed

✗ 4. The man

Question ID : **65497815400**
Chosen Option : **3**

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

ANGRY

Ans   ✗ 1. Wild

✔ 2. Enraged

✗ 3. Dull

✗ 4. Calm

Question ID : **65497815416**
Chosen Option : **2**

Q.7   Select the most appropriate synonym of the given word.

WANE

Ans   ✗ 1. Increase

✗ 2. Rise

✔ 3. Decline

✗ 4. Drown

Question ID : **65497815417**
Chosen Option : **3**

Q.8 **Select the most appropriate ANTONYM of the given word.**

PARTNER

Ans   ✗ 1. Associate

✓ 2. Opponent

✗ 3. Participant

✗ 4. Friend

Question ID : **65497815415**
Chosen Option : **2**

Q.9 **Select the INCORRECTLY spelt word.**

Ans   ✗ 1. Resourceful

✗ 2. Illiterate

✗ 3. Confidential

✓ 4. Maintainance

Question ID : **65497815423**
Chosen Option : **4**

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

A bolt from the blue

Ans   ✗ 1. Sudden event that is welcome

✗ 2. Loud thunder and lightning

✓ 3. Unexpected and surprising event

✗ 4. Sky getting filled with blue light

Question ID : **65497815419**
Chosen Option : **3**

Q.11 **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 ostrich is a peculiar bird; <u>sometimes it prefer to</u> run around in circles.

Ans   ✗ 1. No substitution required

✓ 2. sometimes it prefers to

✗ 3. sometime it prefer to

✗ 4. sometimes its prefer to

Question ID : **65497814806**
Chosen Option : **2**

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

The poster was make by the hard-working students of class nine.

Ans   ✘ 1. by the hard-working

       ✔ 2. was make

       ✘ 3. students of class nine

       ✘ 4. The poster

Question ID : **65497815402**
Chosen Option : **2**

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

I am sure there is some truth in the news. There is no smoke _____ fire.

Ans   ✘ 1. with

       ✘ 2. within

       ✘ 3. where

       ✔ 4. without

Question ID : **65497815403**
Chosen Option : **4**

Q.14 Select the INCORRECTLY spelt word.

Ans   ✘ 1. Confusion

       ✘ 2. Heavily

       ✘ 3. Grammar

       ✔ 4. Allmighty

Question ID : **65497815422**
Chosen Option : **4**

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

There was once a very _____ king, Julius Caesar, who wanted to rule the whole world.

Ans   ✘ 1. contented

       ✘ 2. faithful

       ✔ 3. ambitious

       ✘ 4. adventurous

Question ID : **65497815424**
Chosen Option : **3**

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.'

During his research, the forest officer was pleasantly surprised to find that the population of tigers had increased.

Ans   ✗ 1. is to increase

       ✗ 2. have increased

       ✓ 3. No substitution required

       ✗ 4. has increase

Question ID : **65497815411**	
Chosen Option : **2**	

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

Keeping distance from others is one of the _____ one must take to remain safe from the coronavirus.

Ans   ✗ 1. habits

       ✗ 2. points

       ✗ 3. issues

       ✓ 4. precautions

Question ID : **65497815425**	
Chosen Option : **4**	

Q.18 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'.

They are making a lot of noise, isn't it?

Ans   ✗ 1. haven't they

       ✗ 2. are they

       ✓ 3. aren't they

       ✗ 4. No substitution required

Question ID : **65497816928**	
Chosen Option : **3**	

Q.19 Select the most appropriate meaning of the given idiom.

Herculean task

Ans   ✗ 1. Very easy task

       ✓ 2. Very tough task

       ✗ 3. Very old task

       ✗ 4. Very pleasant task

Question ID : **65497815418**	
Chosen Option : **2**	

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

There is _____ a lot to learn from nature.

Ans ✗ 1. about

✗ 2. hardly

✓ 3. quite

✗ 4. almost

Question ID : **65497815404**

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.

Nawab Mir Osman Ali Khan was the last ruler of Hyderabad, the largest princely state in British India. He ascended the throne (1)_____ the age of 25 and ruled Hyderabad for 37 years. He (2)_____ on the cover of Time magazine as the (3)_____ person at the time. He was the 5th richest man in (4)_____ history of mankind and the richest Indian who ever lived. He was a (5)_____ ruler who encouraged education, science and development.

SubQuestion No : 21

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

Ans ✗ 1. with

✗ 2. of

✓ 3. at

✗ 4. to

Question ID : **65497815406**

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.

Nawab Mir Osman Ali Khan was the last ruler of Hyderabad, the largest princely state in British India. He ascended the throne (1)_____ the age of 25 and ruled Hyderabad for 37 years. He (2)_____ on the cover of Time magazine as the (3)_____ person at the time. He was the 5th richest man in (4)_____ history of mankind and the richest Indian who ever lived. He was a (5)_____ ruler who encouraged education, science and development.

SubQuestion No : 22

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

Ans ✗ 1. had feature

✗ 2. is feature

✓ 3. was featured

✗ 4. have featured

Question ID : **65497815407**

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.

Nawab Mir Osman Ali Khan was the last ruler of Hyderabad, the largest princely state in British India. He ascended the throne (1)_____ the age of 25 and ruled Hyderabad for 37 years. He (2)_____ on the cover of Time magazine as the (3)_____ person at the time. He was the 5th richest man in (4)_____ history of mankind and the richest Indian who ever lived. He was a (5)_____ ruler who encouraged education, science and development.

SubQuestion No : 23

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

Ans   ✗ 1. richer

          ✗ 2. rich

          ✗ 3. most rich

          ✓ 4. richest

Question ID : **65497815408**
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.

Nawab Mir Osman Ali Khan was the last ruler of Hyderabad, the largest princely state in British India. He ascended the throne (1)_____ the age of 25 and ruled Hyderabad for 37 years. He (2)_____ on the cover of Time magazine as the (3)_____ person at the time. He was the 5th richest man in (4)_____ history of mankind and the richest Indian who ever lived. He was a (5)_____ ruler who encouraged education, science and development.

SubQuestion No : 24

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

Ans   ✓ 1. the

          ✗ 2. a

          ✗ 3. one

          ✗ 4. an

Question ID : **65497815409**
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.

Nawab Mir Osman Ali Khan was the last ruler of Hyderabad, the largest princely state in British India. He ascended the throne (1)_____ the age of 25 and ruled Hyderabad for 37 years. He (2)_____ on the cover of Time magazine as the (3)_____ person at the time. He was the 5th richest man in (4)_____ history of mankind and the richest Indian who ever lived. He was a (5)_____ ruler who encouraged education, science and development.

SubQuestion No : 25

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

Ans   ✗ 1. jealous

         ✗ 2. cruel

         ✓ 3. benevolent

         ✗ 4. wicked

Question ID : **65497815410**
Chosen Option : **3**

Section : **General Intelligence and Reasoning**

Q.1 Select the option that will come next in the following figure series.

Ans

✗ 1.

✗ 2.

✗ 3.

✔ 4.
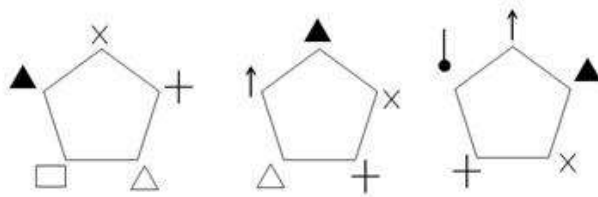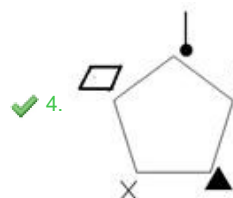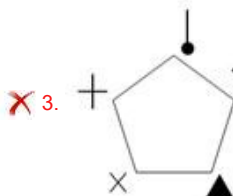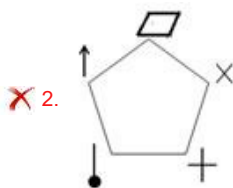
Question ID : **65497816354**

Chosen Option : **3**

Q.2 In a certain language, if the signs + and ×, and the digits 3 and 8 are interchanged, then what is the value of the following expression?

6 × 35 ÷ 5 + 8 − 9

Ans ✗ 1. 101

✔ 2. 48

✗ 3. 44

✗ 4. 31

Question ID : **65497816336**

Chosen Option : **2**

Q.3 In a certain language, if '+' means 'subtraction', '×' means 'division', '÷' means 'addition', and '−' means 'multiplication', then find the value of the following expression (BODMAS rule does not apply in that language).

$8 \div 16 \times 4 + 2 - 3$

Ans   ✗ 1. 1

       ✓ 2. 12

       ✗ 3. 9

       ✗ 4. 5

Question ID : **65497816335**
Chosen Option : **2**

Q.4 Select the numbers that will replace the question marks (?) in the given number series.

11, 12, 13, 13, 17, 16, 23, ?, ?

Ans   ✓ 1. 21, 31

       ✗ 2. 25, 33

       ✗ 3. 23, 27

       ✗ 4. 23, 29

Question ID : **65497816340**
Chosen Option : **1**

Q.5 In the question below, three statements are given, followed by four conclusions. Assuming the statements to be true, choose the appropriate option regarding the conclusions.

Statements:
I. All doctors are lawyers.
II. Some lawyers are engineers.
III. All engineers are brokers.

Conclusions:
1. Some engineers are doctors.
2. Some brokers are lawyers.
3. Some brokers are doctors.
4. Some lawyers are doctors.

Ans   ✗ 1. None of the conclusions follow.

       ✓ 2. Only conclusions 2 and 4 follow.

       ✗ 3. All the conclusions follow.

       ✗ 4. Only conclusions 1 and 3 follow.

Question ID : **65497816350**
Chosen Option : **2**

Q.6 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

_ c _ d d _ c a _ c b d d b _ a

Ans   ✗ 1. abcac

✗ 2. caddb

✓ 3. abbac

✗ 4. cdaba
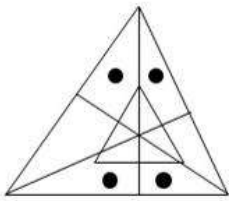
Question ID : **65497816345**

Chosen Option : **3**

Q.7 In a year-end examination, 6 papers-Maths, Physics, Geography, Economics, Chemistry, History- are scheduled on 6 consecutive days of a week (Monday - Saturday)
1. Maths paper is after the Chemistry paper, with a 1-day gap between them.
2. Physics paper is on Monday.
3. Geography paper is not on the last day.
4. History paper, which is scheduled on the previous day of the Maths paper, has a two-day gap with the Physics paper.

Which paper is scheduled on Saturday?

Ans   ✗ 1. Chemistry
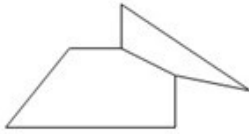
✓ 2. Economics

✗ 3. History

✗ 4. Maths

Question ID : **65497816351**

Chosen Option : **2**

Q.8 Select the figure from the options, which is embedded in the given question figure.
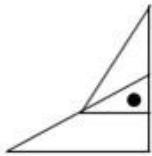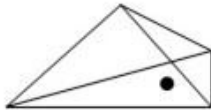

Ans

✗ 1.

✗ 2.

✗ 3.

✓ 4.

Question ID : **65497816356**

Chosen Option : **3**

Q.9 In a year-end examination, 6 papers-Maths, Physics, Geography, Economics, Chemistry, History- are scheduled on 6 consecutive days of a week (Monday - Saturday)
1. Maths paper is after the Chemistry paper, with a 1-day gap between them.
2. Physics paper is on Monday.
3. Geography paper is not on the last day.
4. History paper, which is scheduled on the previous day of the Maths paper, has a two-day gap with the Physics paper.

In the above description, the History paper was cancelled due to incompletion of syllabus and the exam was scheduled for five days (Monday - Friday), with the order of the papers reversed.

Which paper was scheduled on Thursday?

Ans   ✗ 1. Physics

✓ 2. Geography

✗ 3. Maths

✗ 4. Chemistry

Question ID : **65497816352**

Chosen Option : **2**

Q.10 **Select the number that will replace the question mark (?) in the given number series.**

146, 90, 56, 34, 22, ?

Ans   ✔️ 1. 12

❌ 2. 10

❌ 3. 14

❌ 4. 16

Question ID : **65497816339**
Chosen Option : **1**

Q.11 **In the question below, two statements are given, followed by two conclusions. Assuming the statements to be true, choose the appropriate option regarding the conclusions.**

Statements:
I. Amit is a good fielder
II. All fielders have big hands.

Conclusions:
1. All people with big hands are fielders.
2. Amit has big hands.

Ans   ❌ 1. Both the conclusions follow.

❌ 2. Only conclusion 1 follows.

❌ 3. Neither conclusion follows.

✔️ 4. Only conclusion 2 follows.

Question ID : **65497816349**
Chosen Option : **1**

Q.12 Select the mirror image of the following figure (note the position of the mirror).

Ans

✗ 1.

✅ 2.

✗ 3.

✗ 4.

Question ID : **65497816357**

Chosen Option : **2**

Q.13 Select the number triad that is analogous to the given triads.

(64, 8, 65), (125, 27, 89)

Ans   ✗ 1. (100, 23, 90)

✗ 2. (216, 1, 81)

✗ 3. (49, 36, 25)

✅ 4. (83, 24, 95)

Question ID : **65497816338**

Chosen Option : **2**

Q.14 In a certain code language, if 'raghav plays hockey' is written as 'xfjdni rzzmo ubghzs', then 'arun works hard' will be written as:

Ans   ✗ 1. eqxi rlqpv mxwa

      ✗ 2. eqxi rjsnx mvqb

      ✓ 3. cszi rlqpv mvqb

      ✗ 4. cszi rjsnx mvwb

| Question ID : **65497816342** |
| Chosen Option : **--** |

Q.15 Select the number-pair that is analogous to the given pair.

      46 : 61

Ans   ✗ 1. 60 : 28

      ✓ 2. 521 : 52

      ✗ 3. 27 : 3

      ✗ 4. 612 : 36

| Question ID : **65497816337** |
| Chosen Option : **--** |

Q.16 Select the name from the options that is similar to the given set of names in a certain manner.

      Bismillah Khan, JRD Tata, M Visvesvaraya, Sachin Tendulkar

Ans   ✗ 1. Mahatma Gandhi

      ✗ 2. Baba Amte

      ✓ 3. Pranab Mukherjee

      ✗ 4. Viswanathan Anand

| Question ID : **65497816346** |
| Chosen Option : **3** |

Q.17 Select the letter that will replace the question mark (?) in the given letter series.

      a, d, h, n, ?

Ans   ✗ 1. w

      ✗ 2. y

      ✗ 3. a

      ✓ 4. u

| Question ID : **65497816341** |
| Chosen Option : **4** |

Q.18 In a certain code language, if storm = 15, apple = 6, virtue = 35, then cupboard = ?

Ans   ✗ 1. 23

        ✓ 2. 37

        ✗ 3. 45

        ✗ 4. 31

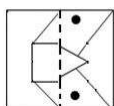Question ID : **65497816344**

Chosen Option : **--**

Q.19 In a certain code language,
NEST is written as 8426,
WISE is written as 6912, and
RAIN is written as 7859.

The letters do not correspond to digits. Which of the following can be the code for the word WANT?

Ans   ✗ 1. 6759

        ✗ 2. 2194

        ✗ 3. 7894
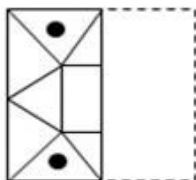
        ✓ 4. 8147

Question ID : **65497816343**

Chosen Option : **--**

Q.20 Select the option that depicts how the given transparent sheet of paper would appear if it is folded at the dotted line.
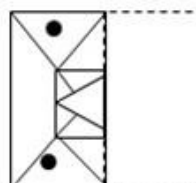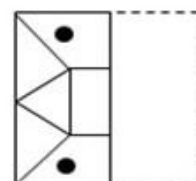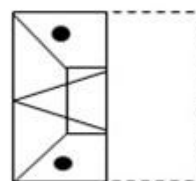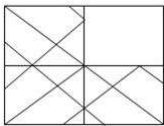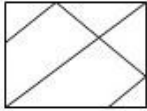

Ans

1.

2.

3.

4.

Question ID : **65497816358**
Chosen Option : **2**

Q.21 Select the figure from the options that when placed in the blank space of the given figure will complete the pattern.

Ans

✗ 1.

✓ 2.

✗ 3.

✗ 4.
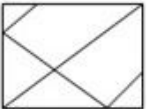
Question ID : **65497816355**

Chosen Option : **1**

Q.22 Five people make statements about their heights. Only one of them is lying. Study the statements carefully and identify the second tallest person in the group.
1. Aditya: I am taller than Nachiket, but shorter than Sanika.
2. Rushikesh: I am taller than Aditya, but shorter than Sanika.
3. Nachiket: I am of the same height as that of Rushikesh and taller than Nikita.
4. Sanika: I am the tallest.
5. Nikita: Rushikesh is shorter than Aditya.

Ans ✗ 1. Nachiket

✗ 2. Nikita

✗ 3. Rushikesh

✓ 4. Aditya

Question ID : **65497816353**

Chosen Option : **4**

Q.23 In the following figure, the triangle represents 'carpenters', the circle represents 'black-smiths', and the rectangle represents 'fishermen'. How many people are fishermen?
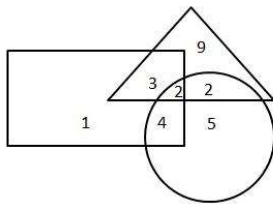

Ans   ✗ 1. 13

✗ 2. 1

✗ 3. 9

✓ 4. 10

Question ID : **65497816359**
Chosen Option : **4**

Q.24 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster.

Ans   ✗ 1. gtri

✗ 2. kpnm

✓ 3. dwfv

✗ 4. cxve

Question ID : **65497816348**
Chosen Option : **3**

Q.25 Select the option that is related to the third term in the same way as the second term is related to the first term.
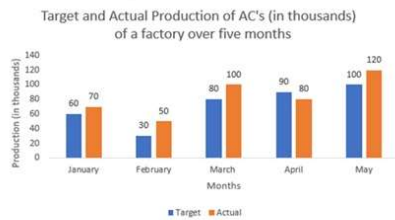
Conductor : Aluminium : : Insulator : ?

Ans   ✗ 1. Silver

✓ 2. Mica

✗ 3. Silicon

✗ 4. Graphite

Question ID : **65497816347**
Chosen Option : **2**

Section : **Numerical Aptitude**

Q.1 Study the given graph and answer the question that follows.

Target and Actual Production of AC's (in thousands)
of a factory over five months

The ratio of the actual production of ACs in February and April to that of the target production of ACs in January and April is:

Ans ✗ 1. $15 : 13$

✓ 2. $13 : 15$

✗ 3. $7 : 9$

✗ 4. $9 : 7$

Question ID : **65497817089**
Chosen Option : **2**

Q.2 Twenty persons take 15 days to complete a certain work, working 8 hours a day. To complete the same work in 4 days, working 10 hours a day, the number of persons required is:

Ans ✗ 1. 75

✓ 2. 60

✗ 3. 80

✗ 4. 55

Question ID : **65497817067**
Chosen Option : **1**

Q.3 After allowing a discount of 10% on the marked price of an article, it is sold for ₹450. Had the discount not been given, the profit would have been 25%. What is the 50% of the cost price (in ₹) of the article?

Ans ✗ 1. 150

✓ 2. 200

✗ 3. 175

✗ 4. 250

Question ID : **65497817073**
Chosen Option : **2**

Q.4 The ratio of the incomes of A and B is 1 : 2 and that of their expenditure is 2 : 3. If 80% of B's expenditure is equal to the income of A, then what is the ratio of the savings of B to the savings of A?

Ans ✗ 1. $2 : 9$

✓ 2. $9 : 2$

✗ 3. $7 : 3$

✗ 4. $3 : 7$

Question ID : **65497817078**
Chosen Option : **1**

Q.5 A farmer borrowed ₹1,32,000 from a money lender to do cultivation in his field. The rate of interest is 12.5% per annum compounded annually. At the end of two years, he cleared his loan by paying ₹1,07,062.50 and his scooter. The cost (in ₹) of the scooter is:

Ans

✗ 1. 75,000

✗ 2. 45,000

✓ 3. 60,000

✗ 4. 50,000

Question ID : **65497817080**
Chosen Option : **3**

Q.6 The value of $\left(4\frac{1}{5} - 3\frac{1}{10} \; of \; 1\frac{1}{7}\right) \div \left(6\frac{1}{3} - 3\frac{1}{5} \; of \; 1\frac{1}{2}\right)$ is:

Ans

✗ 1. $\dfrac{3}{5}$

✗ 2. $\dfrac{5}{9}$

✗ 3. $\dfrac{5}{7}$

✓ 4. $\dfrac{3}{7}$

Question ID : **65497815673**
Chosen Option : **4**

Q.7 In a week, the prices of a bag of tea were ₹350, ₹280, ₹340, ₹270, ₹360, ₹310 and ₹300. The range (in ₹) is:

Ans

✗ 1. 100

✗ 2. 80

✗ 3. 70

✓ 4. 90

Question ID : **65497817082**
Chosen Option : **4**

Q.8 The cost price of an article is $\frac{7}{6}$ times the selling price. What is the loss/gain percentage (correct up to two decimal places)?

Ans

✓ 1. Loss 14.29%

✗ 2. Gain 16.67%

✗ 3. Loss 16.67%

✗ 4. Gain 19.54%

Question ID : **65497817075**
Chosen Option : **1**

Q.9 The area of a trapezium, whose parallel sides are 25 cm and 19 cm long, is 330 cm^2. The distance between the sides (in cm) is:

Ans
✗ 1. 10

✗ 2. 12

✗ 3. 30

✓ 4. 15

Question ID : **65497817085**
Chosen Option : **--**

Q.10 6 copies of a book can be bought for a certain sum payable at the end of a year, and 7 copies of the same book can be bought for the same sum in cash money. What is the rate per annum of simple interest (correct to one decimal place)?

Ans
✗ 1. 10.9%

✗ 2. 15.5%

✓ 3. 16.7%

✗ 4. 30.4%

Question ID : **65497817081**
Chosen Option : **3**

Q.11 'A' alone can do a piece of work in 10 days and 'B' alone in 15 days. 'A' and 'B' undertook to do it for ₹42,000. With the help of 'C', they completed the work in 5 days. How much (in ₹) is to be paid to 'B'?

Ans
✓ 1. 14,000

✗ 2. 15,000

✗ 3. 21,000

✗ 4. 7,000

Question ID : **65497817068**
Chosen Option : **1**

Q.12 An aeroplane covers a certain distance at a speed of 280 km/h in $4\frac{3}{4}$ hours. To cover the same distance in 7 hours, it must travel at a speed (in km/h) of:

Ans
✗ 1. 140

✓ 2. 190

✗ 3. 175

✗ 4. 180

Question ID : **65497817069**
Chosen Option : **2**

Q.13 Study the given graph and answer the question that follows.

Target and Actual Production of AC's (in thousands) of a factory over five months
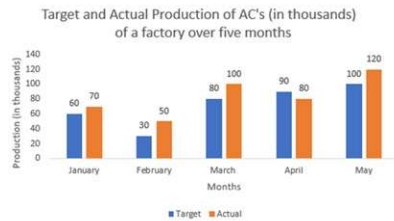
The actual production of ACs in May is what percentage more than the average target production of ACs over the period of 5 months (correct to the nearest integer)?

Ans
✔ 1. 67
✘ 2. 50
✘ 3. 69
✘ 4. 51

Question ID : **65497817090**
Chosen Option : **1**

Q.14 Study the given graph and answer the question that follows.

Target and Actual Production of AC's (in thousands) of a factory over five months
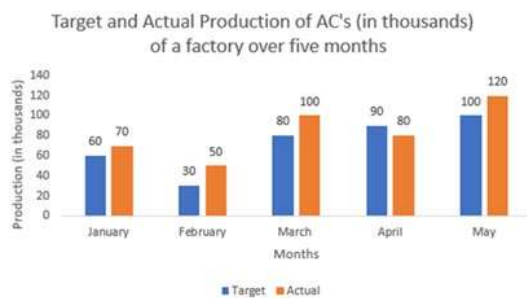
In which month is the actual production of ACs is 66% more than the target production?

Ans
✘ 1. April
✔ 2. February
✘ 3. March
✘ 4. May

Question ID : **65497817091**
Chosen Option : **2**

Q.15 If the radius of the base of a right circular cylinder is 4 m and the area of the curved surface of the cylinder is 19.5 m^2, then its volume (in m^3) is:

Ans
✘ 1. 65
✘ 2. 42
✘ 3. 36
✔ 4. 39

Question ID : **65497817083**
Chosen Option : **--**

Q.16

Simplify $\dfrac{\left[\frac{3}{5} of \left(15\frac{2}{3}-33\frac{1}{3}\right)+\frac{1}{3}\left(18\frac{3}{4} of 7\frac{1}{5}\div 15\times 2\right)\right]\times 5}{3^2\times 5+1}$.

Ans

✗ 1. $-\dfrac{23}{54}$

✔ 2. $-\dfrac{1}{2}$

✗ 3. 83

✗ 4. $-\dfrac{23}{5}$

Question ID : **65497817795**
Chosen Option : **2**

Q.17 There are 100 students in a class, out of which 70% are girls and others are boys. The average score of girls in a test is 20% more than that of boys. If the average score of all the students is 57, then what is the average score of girls?

Ans

✔ 1. 60

✗ 2. 50

✗ 3. 45

✗ 4. 75

Question ID : **65497817072**
Chosen Option : **1**

Q.18 Two trains of the same length are running on parallel tracks in the same direction at 44 km/h and 32 km/h. The faster train passes the other train in 72 seconds. What is the sum of the lengths (in m) of both trains?

Ans

✔ 1. 240

✗ 2. 200

✗ 3. 190

✗ 4. 250

Question ID : **65497817070**
Chosen Option : **1**

Q.19 Two circles of radii 14 cm and 10 cm intersect each other, and the length of their common chord is 16 cm. What is the distance (in cm) between their centres?

Ans

✗ 1. $6+4\sqrt{33}$

✔ 2. $6+2\sqrt{33}$

✗ 3. $6+5\sqrt{33}$

✗ 4. $6+3\sqrt{33}$

Question ID : **65497817084**
Chosen Option : **--**

Q.20 The average monthly expenditure of a family was ₹10,000 during the first three months, ₹12,500 during the next four months, and ₹13,500 during the last five months of a year. If the total savings during the year was ₹32,500, then 70% of the average monthly income of the family (in ₹) was:

Ans   ✗ 1. 11,250

       ✗ 2. 12,250

       ✗ 3. 15,000

       ✔ 4. 10,500

Question ID : **65497817071**
Chosen Option : **4**

Q.21 In an examination, the ratio of the number of candidates who passed, to those who failed was 5 : 2. If the number of failed candidates had been 14 more, then the ratio of the number of passed candidates to those who failed would have been 4 : 3. How many candidates passed the examination?

Ans   ✗ 1. 126

       ✔ 2. 70

       ✗ 3. 100

       ✗ 4. 98

Question ID : **65497817079**
Chosen Option : **3**

Q.22 Which is the largest number that will divide 1992 and 233 leaving remainders 12 and 13, respectively?

Ans   ✗ 1. 242

       ✔ 2. 220

       ✗ 3. 246

       ✗ 4. 186

Question ID : **65497817086**
Chosen Option : **2**

Q.23 If $x : y : z = 1 : 2 : 3$, then what is the value of $\left(\frac{3x^2 - 2y^2 + 4z^2}{x^2 + 2y^2 + z^2}\right)$?

Ans   ✗ 1. $\frac{31}{21}$

       ✗ 2. $\frac{31}{16}$

       ✔ 3. $\frac{31}{18}$

       ✗ 4. $\frac{31}{19}$

Question ID : **65497817077**
Chosen Option : **3**

Q.24 'A' sells an article to 'B' at 12% profit. 'B' sells it to 'C' at 9% loss. If 'C' pays ₹15,288 for it, then at what price (in ₹) is the article sold by A?

Ans ✗ 1. 15,000

✓ 2. 16,800

✗ 3. 16,000

✗ 4. 14,250

Question ID : **65497817076**

Chosen Option : **3**

Q.25 When the price of sugar gets raised by 50%, a person increases his expenditure on sugar only by 25%. By what percentage (correct up to two decimal places) should he reduce his consumption of sugar?

Ans ✗ 1. 12.75%

✗ 2. 15.75%

✓ 3. 16.67%

✗ 4. 11.54%

Question ID : **65497817074**

Chosen Option : **3**

Section : **General Awareness**

Q.1 Lothal, a prominent city of the ancient Indus Valley Civilisation, is situated in which of the following states?

Ans ✓ 1. Gujarat

✗ 2. Himachal Pradesh

✗ 3. Rajasthan

✗ 4. Punjab

Question ID : **65497816004**

Chosen Option : **1**

Q.2 Which economist took the subject of economics away from approaches that focus exclusively on income, growth and utility, with an increased emphasis on individual entitlements, capabilities, freedoms and rights?

Ans ✗ 1. Robert Lucas

✓ 2. Amartya Sen

✗ 3. Milton Friedman

✗ 4. Adam Smith

Question ID : **65497817302**

Chosen Option : **--**

Q.3 Jagdish Sheth, one of the recipients of Padma Bhushan 2020, has received the award in the domain of:

Ans ✗ 1. Trade and Industry

✗ 2. Art

✓ 3. Literature and Education

✗ 4. Public Affairs

Question ID : 65497815987

Chosen Option : 2

Q.4 Which of the following Acts ended the monopoly of the East India Company over trade with India?

Ans ✗ 1. Regulating Act of 1793

✓ 2. Charter Act of 1813

✗ 3. Charter Act of 1833

✗ 4. Regulating Act of 1773

Question ID : 65497816005

Chosen Option : 3

Q.5 Which pair of cities does the Yamuna Expressway connect?

Ans ✗ 1. Agra – Panipat

✓ 2. Greater Noida – Agra

✗ 3. Delhi – Jaipur

✗ 4. Lucknow – Allahabad

Question ID : 65497816001

Chosen Option : 2

Q.6 Who among the following was nominated to the Rajya Sabha by President Ram Nath Kovind in March 2020?

Ans ✗ 1. TS Thakur

✗ 2. Jagdish Singh Khehar

✗ 3. Dipak Misra

✓ 4. Ranjan Gogoi

Question ID : 65497815986

Chosen Option : 4

Q.7 'Mission Antyodaya' is a mission mode project envisaged by the:

Ans ✗ 1. Ministry of Urban Development

✓ 2. Ministry of Rural Development

✗ 3. Ministry of Health Development

✗ 4. Ministry of Transport Development

Question ID : 65497815993

Chosen Option : 2

Q.8 Which of the following mountain ranges is home to the second highest peak of the world, K2?

Ans ✔ 1. Karakoram Range

✘ 2. Ladakh Range

✘ 3. Pir Panjal Range

✘ 4. Zanskar Range

Question ID : 65497816000
Chosen Option : 1

Q.9 Who among the following wrote the Brahmo Covenant, which was a statement of the creed of the Brahmo Samaj and made a list of the duties and obligations of its members?

Ans ✘ 1. Keshab Chandra Sen

✘ 2. Ishwar Chandra Vidyasagar

✔ 3. Debendranath Tagore

✘ 4. Rammohan Roy

Question ID : 65497815982
Chosen Option : 4

Q.10 Which Constitutional Amendment gave constitutional status to the Panchayati Raj Institutions?

Ans ✘ 1. 86th Amendment Act, 2002

✘ 2. 71st Amendment Act, 1992

✔ 3. 73rd Amendment Act, 1992

✘ 4. 92ndAmendment Act, 2003

Question ID : 65497815992
Chosen Option : --

Q.11 Which of the following nations retained its ICC T20 Women's World Cup Crown in March 2020?

Ans ✘ 1. England

✘ 2. New Zealand

✘ 3. India

✔ 4. Australia

Question ID : 65497815984
Chosen Option : 4

Q.12 Which of the following dance forms is popular in Himachal Pradesh?

Ans ✘ 1. Laho

✔ 2. Nati

✘ 3. Ronf

✘ 4. Thora

Question ID : 65497815983
Chosen Option : --

Q.13 The Sunderban Delta is created by the _____ rivers.

Ans ✗ 1. Sindhu-Brahmaputra

✗ 2. Ganga-Sindhu

✗ 3. Godavari-Krishna

✓ 4. Ganga-Brahmaputra

| Question ID : **65497816002** |
| Chosen Option : **4** |

Q.14 In which year was the Home Rule Movement started?

Ans ✗ 1. 1914

✗ 2. 1915

✗ 3. 1917

✓ 4. 1916

| Question ID : **65497816003** |
| Chosen Option : **3** |

Q.15 'Myopia' is also known as:

Ans ✓ 1. near-sightedness

✗ 2. astigmatism

✗ 3. presbyopia

✗ 4. far-sightedness

| Question ID : **65497815996** |
| Chosen Option : **1** |

Q.16 Who among the following won the Hockey India Dhruv Batra Award for Player of the Year (Men) at the Third Annual Hockey India Awards in March 2020?

Ans ✗ 1. PR Sreejesh

✗ 2. Rupinder Pal Singh

✗ 3. Harmanpreet Singh

✓ 4. Manpreet Singh

| Question ID : **65497815985** |
| Chosen Option : **4** |

Q.17 Who among the following is the author of the book 'The Anarchy: The Relentless Rise of the East India Company'?

Ans ✗ 1. Shoshana Zuboff

✗ 2. Sumit Sarkar

✗ 3. Shashi Tharoor

✓ 4. William Dalrymple

| Question ID : **65497815988** |
| Chosen Option : **4** |

Q.18 Which of the following statements best explains the process of sublimation?

Ans   ✗ 1. The process of water movement through a plant and its evaporation from aerial parts.

          ✗ 2. The process by which water vapour in the air is changed into liquid water.

          ✗ 3. The process by which water changes from a liquid to a gas or vapour.

          ✓ 4. The transition of a substance directly from the solid to the gas phase without passing
through the intermediate liquid phase.

Question ID : **65497815998**
Chosen Option : **3**

**Q.19 In June 2020, the President of India promulgated the Banking Regulation (Amendment)
Ordinance, 2020. Which of the following is the main feature of this ordinance?**

Ans   ✓ 1. It brings urban and multi-state cooperative banks under the supervision of the
Reserve Bank of India.

          ✗ 2. It gives greater regulating powers to the Reserve Bank of India by the way of
appointing more Directors to the Board of scheduled banks.

          ✗ 3. It relaxes Tier-1 capital related norms for banks.

          ✗ 4. It allows foreign lending institutions to set up their branches in India.

Question ID : **65497815081**
Chosen Option : **4**

Q.20 In which state is the Madai Festival celebrated?

Ans   ✗ 1. Odisha

          ✗ 2. Jharkhand

          ✗ 3. Jammu and Kashmir

          ✓ 4. Chhattisgarh

Question ID : **65497815981**
Chosen Option : **--**

Q.21 Which of the following causative agents causes the disease Ebola?

Ans   ✗ 1. Bacteria

          ✗ 2. Fungus

          ✓ 3. Virus

          ✗ 4. Protozoan

Question ID : **65497815995**
Chosen Option : **3**

**Q.22 As per the Constitution of India, every person who is arrested and detained in custody
shall be produced before the nearest magistrate within a period of _____ hours of
such arrest excluding the time necessary for the journey from the place of arrest to the
court of the magistrate.**

Ans   ✗ 1. six

          ✗ 2. thirty-six

          ✓ 3. twenty-four

          ✗ 4. twelve

Question ID : **65497815994**
Chosen Option : **3**

Q.23 **What is the maximum amount of bank loan permissible under the Kishor scheme of the Pradhan Mantri Mudra Yojana?**

Ans ✗ 1. ₹20 lakh

✗ 2. ₹10 lakh

✗ 3. ₹15 lakh

✓ 4. ₹5 lakh

Question ID : **65497815991**

Chosen Option : **--**

Q.24 **The force of the Earth's gravity on every kilogram is about:**

Ans ✗ 1. 20 N

✓ 2. 10 N

✗ 3. 5 N

✗ 4. 15 N

Question ID : **65497815999**

Chosen Option : **2**

Q.25 **In the upper reaches of the atmosphere, a molecule containing three atoms of oxygen is found. This forms a layer called:**

Ans ✗ 1. mesosphere

✗ 2. exosphere

✗ 3. thermosphere

✓ 4. ozone

Question ID : **65497815997**

Chosen Option : **4**