

Multi Tasking Non Technical Staff Examination 2020

Participant ID	Join Telegram Link in App
Participant Name	Join Telegram Link in App
Test Center Name	Eduhive Palestra
Test Date	18/10/2021
Test Time :	4:00 PM - 5:30 PM
Subject	MTS Non Technical 2020

Section : General English

Q.1 The given sentence contains a grammatical error. Identify the segment that contains the error.

Gopi's father asked him not stay out late again.

- Ans ☒ 1. Gopi's father
☒ 2. not stay out
☒ 3. late again
☒ 4. asked him

Question ID : 65497817725
Chosen Option : 2

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

CONCLUDE

- Ans ☒ 1. End
☒ 2. Include
☒ 3. Open
☒ 4. Exclude

Question ID : 65497817739
Chosen Option : 1

Q.3 The given sentence contains a grammatical error. Identify the segment that contains the error.

"You can meet me always you like," our teacher told us.

- Ans ☒ 1. our teacher told us
☒ 2. me always
☒ 3. You can meet
☒ 4. you like

Question ID : 65497817724
Chosen Option : 4

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

Something that is given to counter the effect of poison

Ans ☒ 1. Antidote

☒ 2. Antibiotic

☒ 3. Medicine

☒ 4. Artichoke

Question ID : 65497817744

Chosen Option : 1

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

Let us go to the museum, _____?

Ans ☒ 1. do we

☒ 2. don't we

☒ 3. will we

☒ 4. shall we

Question ID : 65497817727

Chosen Option : 2

Q.6 Select the most appropriate option to substitute the underlined segment in the given sentence.

Don't forget post these letters.

Ans ☒ 1. in posting

☒ 2. to post

☒ 3. to posting

☒ 4. posted

Question ID : 65497817734

Chosen Option : 2

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

AGREE

Ans ☒ 1. Distance

☒ 2. Support

☒ 3. Question

☒ 4. Oppose

Question ID : 65497817737

Chosen Option : 4

Q.8 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

If the world was to end tomorrow why would you spend your day today?

- Ans ☒ 1. when would
☒ 2. how would
☒ 3. what would
☒ 4. No substitution required

Question ID : 65497818139
Chosen Option : 2

Q.9 The given sentence contains a grammatical error. Identify the segment that contains the error.

The man whose sitting at the corner table is my uncle.

- Ans ☒ 1. whose sitting
☒ 2. is my uncle
☒ 3. at the corner table
☒ 4. The man

Question ID : 65497817723
Chosen Option : 1

Q.10 Choose the correctly spelt word.

- Ans ☒ 1. Sandwish
☒ 2. Sandwich
☒ 3. Sandwitch
☒ 4. Standwich

Question ID : 65497817745
Chosen Option : 2

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

I had to go to the ATM _____ some money.

- Ans ☒ 1. by getting
☒ 2. to get
☒ 3. to getting
☒ 4. for to get

Question ID : 65497817726
Chosen Option : 2

Q.12 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 is many food for all of us.

- Ans ☒ 1. is enough food
- ☒ 2. No substitution required
- ☒ 3. are much food
- ☒ 4. are plenty foods

Question ID : **65497815918**
Chosen Option : 1

Q.13 Select the most appropriate meaning of the given idiom.

Carry on

- Ans ☒ 1. Continue doing something
- ☒ 2. Throw something away
- ☒ 3. Take someone or something away
- ☒ 4. Put something into action

Question ID : **65497817741**
Chosen Option : 1

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

EAGER

- Ans ☒ 1. Different
- ☒ 2. Easier
- ☒ 3. Indifferent
- ☒ 4. Loveable

Question ID : **65497817738**
Chosen Option : 1

Q.15 Select the most appropriate meaning of the given idiom.

Fall for

- Ans ☒ 1. To be supported by
- ☒ 2. To be tricked or fooled by
- ☒ 3. To invite someone
- ☒ 4. To fall down and injure oneself

Question ID : **65497817742**
Chosen Option : 2

Q.16 Choose the correctly spelt word.

- Ans ☒ 1. Disendant
☒ 2. Decendent
☒ 3. Desendent
☒ 4. Descendant

Question ID : 65497817746
Chosen Option : 2

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

The workers who returned _____ during the lockdown did not go back to work.

- Ans ☒ 1. hope
☒ 2. house
☒ 3. office
☒ 4. home

Question ID : 65497817747
Chosen Option : 4

Q.18 Select the most appropriate word which means the same as the group of words given.

Breathe hard and with difficulty

- Ans ☒ 1. Pant
☒ 2. Cough
☒ 3. Strangle
☒ 4. Choke

Question ID : 65497817743
Chosen Option : 1

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

OBSTRUCTION

- Ans ☒ 1. Guesswork
☒ 2. Construction
☒ 3. Destruction
☒ 4. Hindrance

Question ID : 65497817740
Chosen Option : 4

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

Until recently, the village women _____ water from common wells or hand pumps, but now they have water taps.

- Ans ☒ 1. sold
☒ 2. fetched
☒ 3. bought
☒ 4. threw

Question ID : 65497817748
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.

According to a news report, a former captain of the Indian wheelchair cricket team has now been forced to (1)_____ as a labourer to support his family. In the context of the Covid-19 pandemic and lockdown, the children he used to (2)_____ earlier have stopped coming to him for a few months. Their parents said there was no money to pay for their (3)_____. Before the lockdown, he was giving coaching to wheelchair-bound children who were (4)_____ in playing cricket. The coach has now returned to his village where his old parents live. He said to the reporter who interviewed him, "These are difficult times, but I know I will be able to (5)_____ them," with a smile on his face.

SubQuestion No : 21

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

- Ans ☒ 1. supervise
☒ 2. work
☒ 3. employ
☒ 4. serve

Question ID : 65497817729
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.

According to a news report, a former captain of the Indian wheelchair cricket team has now been forced to (1)_____ as a labourer to support his family. In the context of the Covid-19 pandemic and lockdown, the children he used to (2)_____ earlier have stopped coming to him for a few months. Their parents said there was no money to pay for their (3)_____. Before the lockdown, he was giving coaching to wheelchair-bound children who were (4)_____ in playing cricket. The coach has now returned to his village where his old parents live. He said to the reporter who interviewed him, "These are difficult times, but I know I will be able to (5)_____ them," with a smile on his face.

SubQuestion No : 22

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

- Ans ☒ 1. coach
☒ 2. learn
☒ 3. teach
☒ 4. study

Question ID : 65497817730
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.

According to a news report, a former captain of the Indian wheelchair cricket team has now been forced to (1)_____ as a labourer to support his family. In the context of the Covid-19 pandemic and lockdown, the children he used to (2)_____ earlier have stopped coming to him for a few months. Their parents said there was no money to pay for their (3)_____. Before the lockdown, he was giving coaching to wheelchair-bound children who were (4)_____ in playing cricket. The coach has now returned to his village where his old parents live. He said to the reporter who interviewed him, "These are difficult times, but I know I will be able to (5)_____ them," with a smile on his face.

SubQuestion No : 23

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

Ans ☒ 1. employment

☒ 2. training

☒ 3. schooling

☒ 4. studies

Question ID : **65497817731**
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.

According to a news report, a former captain of the Indian wheelchair cricket team has now been forced to (1)_____ as a labourer to support his family. In the context of the Covid-19 pandemic and lockdown, the children he used to (2)_____ earlier have stopped coming to him for a few months. Their parents said there was no money to pay for their (3)_____. Before the lockdown, he was giving coaching to wheelchair-bound children who were (4)_____ in playing cricket. The coach has now returned to his village where his old parents live. He said to the reporter who interviewed him, "These are difficult times, but I know I will be able to (5)_____ them," with a smile on his face.

SubQuestion No : 24

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

Ans ☒ 1. interested

☒ 2. encouraged

☒ 3. forced

☒ 4. asked

Question ID : **65497817732**
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.

According to a news report, a former captain of the Indian wheelchair cricket team has now been forced to (1)_____ as a labourer to support his family. In the context of the Covid-19 pandemic and lockdown, the children he used to (2)_____ earlier have stopped coming to him for a few months. Their parents said there was no money to pay for their (3)_____. Before the lockdown, he was giving coaching to wheelchair-bound children who were (4)_____ in playing cricket. The coach has now returned to his village where his old parents live. He said to the reporter who interviewed him, "These are difficult times, but I know I will be able to (5)_____ them," with a smile on his face.

SubQuestion No : 25

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

- Ans  1. lose
 2. overcome
 3. excel
 4. win

Question ID : **65497817733**
Chosen Option : 2

Section : General Intelligence and Reasoning

Q.1 In a certain code language, 'FRY' is written as '147'. How will 'SEIZE' be written in that language?

- Ans  1. 254
 2. 210
 3. 236
 4. 320

Question ID : **65497815232**
Chosen Option : 4

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

Fuel : Diesel : : Utensils : ?

- Ans  1. Spoon
 2. Iron
 3. Kitchen
 4. Steel

Question ID : **65497815235**
Chosen Option : 1

Q.3 Which of the following letter-clusters will replace the question mark (?) in the given series?

LOK, JMI, HKG, FIE, ?

- Ans
- ☒ 1. DHG
 - ☒ 2. DGD
 - ☒ 3. EGD
 - ☒ 4. DGC

Question ID : 65497815237
Chosen Option : 4

Q.4 Select the option that is related to the third number in the same way as the second number is related to the first number.

9 : 90 :: 15 : ?

- Ans
- ☒ 1. 120
 - ☒ 2. 95
 - ☒ 3. 240
 - ☒ 4. 135

Question ID : 65497815226
Chosen Option : 3

Q.5 Among seven friends A, B, C, D, E, F and G, B is taller than only four other friends. C is taller than D. A is taller than F. E is taller than one person only that is G, who is the shortest in height among all friends. B is taller than A. Who is the tallest among all the friends?

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

Question ID : 65497815242
Chosen Option : 3

Q.6 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

15 14 220
20 18 290
11 40 ?

- Ans
- ☒ 1. 320
 - ☒ 2. 390
 - ☒ 3. 340
 - ☒ 4. 310

Question ID : 65497815227
Chosen Option : --

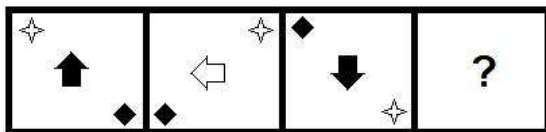
Q.7 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

TEMPO : TPOME :: DOLPHIN : ?

- Ans
- ☒ 1. PNOILHD
 - ☒ 2. EPMQIJO
 - ☒ 3. PONLIHD
 - ☒ 4. ROMLIKD

Question ID : 65497815234
Chosen Option : 3

Q.8 Select the option that will replace the question mark (?) in the following figure series.



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 65497815243
Chosen Option : 4

Q.9 Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).



Ans

✗ 1.



✗ 2.



✓ 3.



✗ 4.



Question ID : 65497815245
Chosen Option : 3

Q.10 If A denotes 'addition', B denotes 'multiplication', C denotes 'subtraction', and D denotes 'division', then what will be the value of the following expression?

14 B (18 D 3) A 5 B 7 C 12 B (24 D 4)

Ans ✓ 1. 47

✗ 2. 77

✗ 3. 41

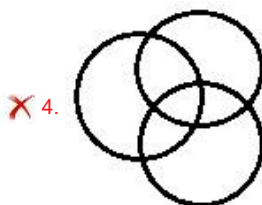
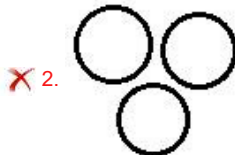
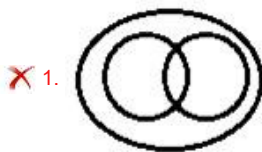
✗ 4. 53

Question ID : 65497815224
Chosen Option : 1

Q.11 Select the Venn diagram that best illustrates the relationship between the following classes.

Animals, Lizards, Octopuses

Ans



Question ID : 65497815248
Chosen Option : 3

Q.12 Six students are sitting around a circular table facing the centre. Puneet is sitting between Iqbal and Aman. Joya is sitting at the second place to the right of Iqbal. Pratiksha is sitting at the third place to the left of Aman. Anamika is sitting between Joya and Aman. Who is sitting between Puneet and Anamika?

Ans ✗ 1. Pratiksha

✗ 2. Joya

✗ 3. Iqbal

✓ 4. Aman

Question ID : 65497815240
Chosen Option : 4

Q.13 Which of the following numbers will replace the question mark (?) in the given series?

15, 15, 17, 51, 55, ?

Ans ✓ 1. 275

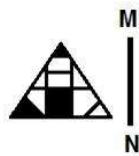
✗ 2. 110

✗ 3. 255

✗ 4. 165

Question ID : 65497815228
Chosen Option : 1

Q.14 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



Ans

✗ 1.



✗ 2.



✓ 3.



✗ 4.



Question ID : 65497815246
Chosen Option : 3

Q.15 In a certain code language, 'CRECH' is written as 'DTHGM'. How will 'FETCH' be written in that language?

Ans ✗ 1. GHXGM

✗ 2. GGWHN

✓ 3. GGWGM

✗ 4. GHVHM

Question ID : 65497815231
Chosen Option : 3

Q.16 Which of the following numbers will replace the question mark (?) in the given series?

42, 41, 45, 36, 52, 27, ?

Ans ✓ 1. 63

✗ 2. 81

✗ 3. 91

✗ 4. 49

Question ID : 65497815229
Chosen Option : 1

Q.17 In a certain code language, 'FUTILE' is written as 'UFITEL'. How will 'OCTAVE' be written in that language?

- Ans ☒ 1. COATEV
☒ 2. PDUBWF
☒ 3. COTAEV
☒ 4. LXGRWG

Question ID : **65497815230**
Chosen Option : 1

Q.18 Two statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:
Some diaries are books.
Some books are registers.

Conclusions:
I. Some registers are diaries.
II. All registers are diaries.

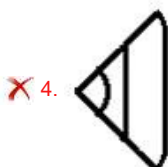
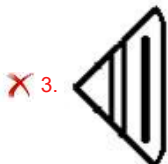
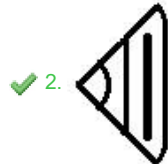
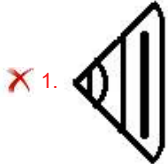
- Ans ☒ 1. Only conclusion I follows
☒ 2. Both conclusions I and II follow
☒ 3. Neither conclusion I nor II follows
☒ 4. Only conclusion II follows

Question ID : **65497815238**
Chosen Option : 3

Q.19 Select the option figure that will replace the question mark (?) in the figure given below to complete the pattern.



Ans



Question ID : 65497815244
Chosen Option : 2

Q.20 Which two numbers should be interchanged to make the given equation correct?

$$14 + 32 - 56 \div 28 \times 5 = 40$$

Ans ✗ 1. 28 and 32

✗ 2. 5 and 14

✗ 3. 14 and 32

✓ 4. 28 and 14

Question ID : 65497815225
Chosen Option : 4

Q.21 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 shops are parks.

Some shops are schools.

Conclusions:

I. Some parks are schools.

II. No school is a park.

III. Some parks are shops.

Ans ✓ 1. Only conclusions I and III follow

✗ 2. Only conclusions II and III follow

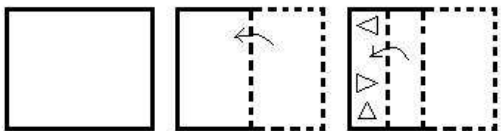
✗ 3. Only conclusions I and II follow

✗ 4. All of the conclusions follow

Question ID : 65497815239

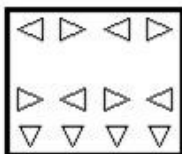
Chosen Option : 1

Q.22 A paper is folded and cut as shown below. How will it appear when unfolded?

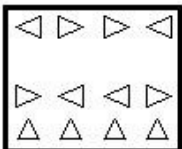


Ans

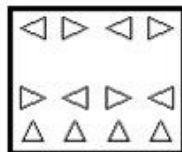
✗ 1.



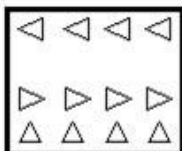
✗ 2.



✓ 3.



✗ 4.



Question ID : 65497815247

Chosen Option : 3

Q.23 Select the option that is related to the third word in the same way as the second word is related to the first word.

Cataract : Eyes :: Eczema : ?

- Ans ☒ 1. Allergy
☒ 2. Joints
☒ 3. Itching
☒ 4. Skin

Question ID : 65497815236
Chosen Option : 4

Q.24 In a certain code language, 'FORCE' is written as '641832' and 'MIST' is written as '1331920'. How will 'URANUS' be written in that language?

- Ans ☒ 1. 618114618
☒ 2. 518113519
☒ 3. 518114519
☒ 4. 218132119

Question ID : 65497815233
Chosen Option : 3

Q.25 Six friends K, L, M, N, O and P are sitting in two rows; both the rows are facing north. Four friends are in the first row, whereas two friends are in the second row. L is sitting between O and P. M is just behind O. N is just behind L. There is nobody sitting behind K and P, who are sitting at the corners. Who among them are sitting in the first row?

- Ans ☒ 1. P, L, N and K
☒ 2. K, L, O and P
☒ 3. K, L, P and M
☒ 4. M, N, L and P

Question ID : 65497815241
Chosen Option : 2

Section : Numerical Aptitude

Q.1 What is the mean proportional between the fourth proportionals of (1, 2, 7) and (14, 16, 2401)?

- Ans ☒ 1. 224
☒ 2. 196
☒ 3. 14
☒ 4. 392

Question ID : 65497817583
Chosen Option : 2

Q.2 X can do half and Y can do one-third of a certain work in 5 and 10 days, respectively. Working together, in how many days will they be able to complete double of the work?

Ans

☒ 1. $16\frac{1}{2}$

☒ 2. $7\frac{1}{2}$

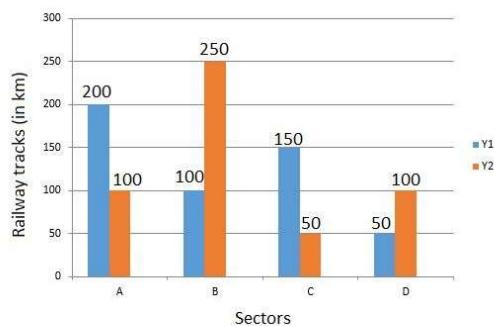
☒ 3. 15

☒ 4. 16

Question ID : 65497817572
Chosen Option : 3

Q.3 Study the bar graph and answer the question that follows.

The extent of construction of new railway tracks (in km) in four railway sectors A, B, C, D during two consecutive financial years Y1 and Y2 is presented through the given bar graph.



How much is the percentage increase in the railway track length from Y1 to Y2 greater for B than that for D from Y1 and Y2?

Ans

☒ 1. 25

☒ 2. 100

☒ 3. 40

☒ 4. 50

Question ID : 65497817594
Chosen Option : 4

Q.4

Simplify the following expression.

$$4 - 3 \text{ of } \left(1\frac{1}{2} + \frac{1}{3} \div \frac{1}{2} \text{ of } 4 - \frac{1}{4}\right)$$

Ans

☒ 1. -8☒ 2. $\frac{17}{12}$ ☒ 3. $-\frac{1}{4}$ ☒ 4. $-\frac{19}{4}$

Question ID : 65497818097

Chosen Option : 3

Q.5

A retailer purchased 50 kg of a vegetable from a wholesale market. He sold half of it at a profit of ₹450, and the rest at a loss of ₹275. What was the difference (in ₹) between the two selling prices per kg of the vegetable?

Ans

☒ 1. 29☒ 2. 18☒ 3. 7☒ 4. 12

Question ID : 65497817581

Chosen Option : 1

Q.6

The value of $5\frac{6}{29} - \left[\frac{15}{4} + \left\{ \frac{3}{4} \times \left(\frac{3}{2} - \frac{1}{5} - \frac{1}{3} \right) \right\} \right]$ is:

Ans

☒ 1. $\frac{2}{29}$ ☒ 2. $\frac{4}{29}$ ☒ 3. $\frac{3}{29}$ ☒ 4. $\frac{1}{29}$

Question ID : 65497815876

Chosen Option : 4

Q.7 Three jugs of equal capacity are filled with mixtures of milk and water in the proportions 3 : 1, 7 : 1 and 11 : 5. The three jugs are emptied into a single container. What will be the ratio of water to milk in the said container?

- Ans
- ☒ 1. 14 : 45
 - ☒ 2. 11 : 37
 - ☒ 3. 12 : 41
 - ☒ 4. 15 : 49

Question ID : 65497817584
Chosen Option : 2

Q.8 While listing N consecutive even numbers for determining their average, the last number, by mistake, got replaced by the next odd number and thereby the average turned out to be more than the desired value by 0.0125. What is the value of N?

- Ans
- ☒ 1. 80
 - ☒ 2. 40
 - ☒ 3. 50
 - ☒ 4. 100

Question ID : 65497817577
Chosen Option : --

Q.9 A sum of ₹16,000 invested at compound interest, amounts to ₹21,160 in two years. What is the rate per cent per annum?

- Ans
- ☒ 1. 16.5
 - ☒ 2. 17.5
 - ☒ 3. 15
 - ☒ 4. 10

Question ID : 65497817585
Chosen Option : 3

Q.10 The lengths of one side and a diagonal of a rectangle are 63 cm and 65 cm, respectively. What is the perimeter (in cm) of a square whose area is one-seventh of that of the rectangle?

- Ans
- ☒ 1. 36
 - ☒ 2. 64
 - ☒ 3. 24
 - ☒ 4. 48

Question ID : 65497817588
Chosen Option : 4

Q.11 Which number lying between 800 and 900 is such that when it is divided by either of 34 and 51, the remainder left is 19?

- Ans**
- ☒ 1. 887
 - ☒ 2. 821
 - ☒ 3. 835
 - ☒ 4. 869

Question ID : 65497817591
Chosen Option : 3

Q.12 A shopkeeper sells an article at 14% discount on its marked price and still gains 20%. If the cost price of the article is ₹184.90, then what is its marked price?

- Ans**
- ☒ 1. ₹264
 - ☒ 2. ₹272
 - ☒ 3. ₹278
 - ☒ 4. ₹258

Question ID : 65497817578
Chosen Option : 4

Q.13 The total surface area of a solid right circular cone is equal to that of a sphere of the same radius. The height of the cone is how many times the diameter of the sphere?

- Ans**
- ☒ 1. $\sqrt{2}$
 - ☒ 2. $\sqrt[3]{2}$
 - ☒ 3. $2\sqrt{2}$
 - ☒ 4. $\frac{\sqrt{2}}{2}$

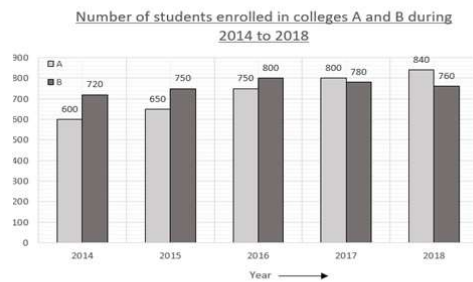
Question ID : 65497817590
Chosen Option : --

Q.14 x and y are two numbers having opposite signs such that, $x^2 : y^2 = 49 : 64$. What is the value of $(5x - 6y) : (6x - 7y)$?

- Ans**
- ☒ 1. 44 : 65
 - ☒ 2. 13 : 14
 - ☒ 3. 94 : 117
 - ☒ 4. 83 : 98

Question ID : 65497817582
Chosen Option : 4

Q.15 Study the given graph and answer the question that follows.



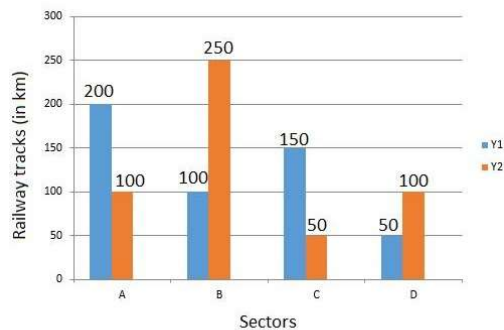
What is the ratio of the average number of students enrolled in college B in 2014, 2015 and 2017 to the number of students enrolled in college A in 2014?

- Ans** ✓ 1. 5 : 4
 ✗ 2. 15 : 16
 ✗ 3. 3 : 2
 ✗ 4. 5 : 3

Question ID : 65497817596
 Chosen Option : 1

Q.16 Study the bar graph and answer the question that follows.

The extent of construction of new railway tracks (in km) in four railway sectors A, B, C, D during two consecutive financial years Y1 and Y2 is presented through the given bar graph.



How much is the average and track length (in km) of A, B, D during Y2 more or less than that of C in Y1?

- Ans** ✗ 1. 100 less
 ✗ 2. 33.33 more
 ✓ 3. Neither more nor less
 ✗ 4. 50 less

Question ID : 65497817595
 Chosen Option : 3

Q.17 At a recruitment test, the candidates were tested for General Awareness (GA) and Quantitative Techniques (QT). 54% and 45% failed in GA and QT, respectively, while 16% failed in both. If 136 candidates passed in both, what was the total number of candidates?

- Ans ☒ 1. 800
☒ 2. 640
☒ 3. 600
☒ 4. 850

Question ID : 65497817579
Chosen Option : 1

Q.18 During rainy season, huge inflow of water takes place into a reservoir. Measures are taken to clear the reservoir while water keeps flowing into it at a constant rate. It has been observed that seven and five men can clear the reservoir in 20 and 50 days, respectively, with the initial quantity of water in the reservoir being 24 and 36 kilolitres, respectively. What is the rate of inflow of water into the reservoir in litres per day?

- Ans ☒ 1. 480
☒ 2. 540
☒ 3. 600
☒ 4. 640

Question ID : 65497817573
Chosen Option : --

Q.19 The average of a number and its reciprocal is 1. What is the average of its square, cube and fourth power?

- Ans ☒ 1. 2
☒ 2. 1
☒ 3. 1.33
☒ 4. 2.67

Question ID : 65497817576
Chosen Option : 2

Q.20 The mean of a set of 120 observations is 80. 10 is subtracted from each observation and each of the corresponding result is divided by 7. What is the mean of the new set?

- Ans ☒ 1. 7
☒ 2. 10
☒ 3. $5\frac{5}{6}$
☒ 4. $7\frac{1}{12}$

Question ID : 65497817587
Chosen Option : --

Q.21 In case of a particular transaction, the profit earned is $14\frac{2}{7}\%$. What fraction is the cost price of the selling price?

Ans

- ✗ 1. $\frac{1}{7}$
- ✗ 2. $\frac{8}{7}$
- ✓ 3. $\frac{7}{8}$
- ✗ 4. $\frac{1}{8}$

Question ID : 65497817580
Chosen Option : 3

Q.22 A man had to travel 49 km, which he divided into six stretches which were exact multiples of either 4 km or 5 km. The first four stretches were 4 km, 5 km, 8 km and 10 km. Multiples of 4 km and 5 km were travelled at the rates of 40 and 60 km/h, respectively, and between two consecutive stretches, he rested for six minutes. What was his average speed (in km/h) for the whole journey?

Ans

- ✗ 1. $31\frac{7}{11}$
- ✓ 2. $32\frac{4}{13}$
- ✗ 3. $33\frac{3}{8}$
- ✗ 4. $34\frac{4}{15}$

Question ID : 65497817575
Chosen Option : --

Q.23 Three circles, each having radius equal to 4 cm, are drawn with the vertices of an equilateral triangle as the centres. If the length of each side of the triangle is equal to 8 cm, then what is the area (in cm^2) of the portion of the triangle that is NOT covered by the sectors of the circles?

Ans

- ✗ 1. $16(2\sqrt{3} - \pi)$
- ✓ 2. $8(2\sqrt{3} - \pi)$
- ✗ 3. $8(2\sqrt{3} - \frac{\pi}{2})$
- ✗ 4. $16(2\sqrt{3} - \frac{\pi}{2})$

Question ID : 65497817589
Chosen Option : 2

Q.24 A man takes a loan of ₹6,000 from his friend on 1st January 2019 with the condition that he will repay with accrued simple interest at the rate 6.25%, as and when the interest touches ₹75. On which date does the loan period expire?

- Ans
- ☒ 1. 14th February 2019
 - ☒ 2. 15th January 2020
 - ☒ 3. 20th October 2019
 - ☒ 4. 15th March 2019

Question ID : 65497817586
Chosen Option : 4

Q.25 A steamer and a motor boat cover the stretch between a seaport and a dock in 7 hours 20 minutes and 10 hours 40 minutes, respectively. What is the ratio of their speeds?

- Ans
- ☒ 1. 15 : 11
 - ☒ 2. 3 : 2
 - ☒ 3. 16 : 11
 - ☒ 4. 8 : 5

Question ID : 65497817574
Chosen Option : 3

Section : General Awareness

Q.1 Which country launched the first artificial satellite Sputnik 1?

- Ans
- ☒ 1. USSR
 - ☒ 2. France
 - ☒ 3. USA
 - ☒ 4. Germany

Question ID : 65497817210
Chosen Option : 1

Q.2 Which part of the plant allows for the uptake of carbon dioxide and limits the loss of water due to evaporation?

- Ans
- ☒ 1. Lamina
 - ☒ 2. Stipule
 - ☒ 3. Stomata
 - ☒ 4. Petiole

Question ID : 65497817208
Chosen Option : 3

Q.3 'Rang Ghar', one of Asia's oldest amphitheatres, was built by the king of the _____ dynasty.

- Ans ☒ 1. Sen
☒ 2. Ahom
☒ 3. Mughal
☒ 4. Gupta

Question ID : 65497817216
Chosen Option : 3

Q.4 For which of the following productions is the Ramagundam power plant famous?

- Ans ☒ 1. hydroelectricity
☒ 2. nuclear energy
☒ 3. thermal energy
☒ 4. Bio-gas

Question ID : 65497817213
Chosen Option : --

Q.5 In which year was the Communist Party of India - Marxist (CPI-M) formed?

- Ans ☒ 1. 1951
☒ 2. 1964
☒ 3. 1962
☒ 4. 1972

Question ID : 65497817206
Chosen Option : 3

Q.6 Who among the following is the author of the book 'Dollar Bahu'?

- Ans ☒ 1. Tasleema Nasreen
☒ 2. Jhumpa Lahiri
☒ 3. Sudha Murty
☒ 4. Arundhati Roy

Question ID : 65497817200
Chosen Option : --

Q.7 Who among the following has been the first sportsperson to receive the Padma Shri award from the Government of India?

- Ans ☒ 1. Balbir Singh Dosanjh
☒ 2. Milkha Singh
☒ 3. Manpreet Singh
☒ 4. Dhanraj Pillay

Question ID : 65497817196
Chosen Option : 1

Q.8 Which Indian actor has won the 'Russian Audience Heart' Award for 2020?

- Ans ☒ 1. Prabhas
☒ 2. Ranveer Singh
☒ 3. Salman Khan
☒ 4. Mahesh Babu

Question ID : 65497817199
Chosen Option : 1

Q.9 Which of the following is NOT a synovial joint in the human body?

- Ans ☒ 1. Condylod joint
☒ 2. Sutures joint
☒ 3. Ball-and-socket joint
☒ 4. Hinge joint

Question ID : 65497817207
Chosen Option : 2

Q.10 As on July 2020, employees whose monthly wages are _____ or below are covered under the ESI Act.

- Ans ☒ 1. ₹21,000
☒ 2. ₹17,000
☒ 3. ₹25,000
☒ 4. ₹15,000

Question ID : 65497817203
Chosen Option : 4

Q.11 In which Indian state is the 'Pookode Lake' located?

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

Question ID : 65497817212
Chosen Option : --

Q.12 The first English factory was set up on the banks of the river _____ in 1651.

- Ans ☒ 1. Mandovi
☒ 2. Narmada
☒ 3. Godavari
☒ 4. Hugli

Question ID : 65497817215
Chosen Option : 4

Q.13 In which state of India does the 'Weinia Falls' lie?

- Ans ☒ 1. Sikkim
☒ 2. Himachal Pradesh
☒ 3. Meghalaya
☒ 4. Goa

Question ID : **65497817214**
Chosen Option : --

Q.14 The ancient city of Hampi was the capital of the _____ empire.

- Ans ☒ 1. Rashtrakuta
☒ 2. Nayaka
☒ 3. Maratha
☒ 4. Vijayanagar

Question ID : **65497817217**
Chosen Option : 4

Q.15 What is the intermediate level in the Panchayati Raj Institutions called?

- Ans ☒ 1. Gram Panchayat
☒ 2. Kshetra Panchayat
☒ 3. Panchayat Samiti
☒ 4. Zilla Panchayat

Question ID : **65497817205**
Chosen Option : 3

Q.16 Which one of the following is the primary component of natural gas?

- Ans ☒ 1. Helium
☒ 2. Carbon Dioxide
☒ 3. Nitrogen
☒ 4. Methane

Question ID : **65497817211**
Chosen Option : 4

Q.17 Which Article of the Constitution of India provides that there will be Governors of States?

- Ans ☒ 1. 136
☒ 2. 148
☒ 3. 124
☒ 4. 153

Question ID : **65497817204**
Chosen Option : 2

Q.18 _____ became the first Indian to win the under-18 title in the Orange Bowl tournament in 2008.

- Ans
- ☐ 1. Rohan Bopanna
 - ☐ 2. Manas Dhamne
 - ☐ 3. Leander Paes
 - ☒ 4. Yuki Bhambri

Question ID : 65497817197
Chosen Option : --

Q.19 In which year was the Foreign Exchange Management Act (FEMA) enacted to replace the Foreign Exchange Regulation Act (FERA)?

- Ans
- ☒ 1. 1999
 - ☐ 2. 1988
 - ☐ 3. 2014
 - ☐ 4. 1992

Question ID : 65497815687
Chosen Option : --

Q.20 Kinetic and potential energies of a body are the components of its _____ energy.

- Ans
- ☐ 1. chemical
 - ☐ 2. electrical
 - ☒ 3. mechanical
 - ☐ 4. heat

Question ID : 65497817209
Chosen Option : 3

Q.21 What is the full form of SIDBI?

- Ans
- ☐ 1. Service Industries Development Bank of India
 - ☐ 2. Service Investment Development Bank of India
 - ☐ 3. Small Investment Development Bank of India
 - ☒ 4. Small Industries Development Bank of India

Question ID : 65497817908
Chosen Option : 4

Q.22 Churahi, Mandeali and Keonthali are dialects spoken in the state of:

- Ans
- ☐ 1. Madhya Pradesh
 - ☐ 2. Arunachal Pradesh
 - ☐ 3. Uttar Pradesh
 - ☒ 4. Himachal Pradesh

Question ID : 65497817194
Chosen Option : 2

Q.23 To which state does the 'Gheriya Nritya' belong?

Ans ☒ 1. Gujarat

☒ 2. Maharashtra

☒ 3. Punjab

☒ 4. Haryana

Question ID : **65497817193**

Chosen Option : --

Q.24 'Chad Sukra', a popular traditional dance-festival of Meghalaya, is celebrated as a

Ans ☒ 1. community marriage festival

☒ 2. thanksgiving festival

☒ 3. birth festival

☒ 4. sowing festival

Question ID : **65497817195**

Chosen Option : **2**

Q.25 Who among the following is the author of the book 'Amnesty'?

Ans ☒ 1. Vikram Seth

☒ 2. Amish Tripathi

☒ 3. Shashi Tharoor

☒ 4. Aravind Adiga

Question ID : **65497817198**

Chosen Option : --