

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	12/10/2021
Test Time :	12:30 PM - 2:00 PM
Subject	MTS Non Technical 2020

Section : General English

Q.1 Identify the segment that contains a grammatical error. If there is no error, select 'No error'.

Children has to bring their own food.

- Ans ☒ 1. to bring
☒ 2. Children has
☒ 3. their own food
☒ 4. No error

Question ID : 65497816915
Chosen Option : 2

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

To be taken aback

- Ans ☒ 1. To be excited
☒ 2. To be irritated
☒ 3. To be nervous
☒ 4. To be surprised

Question ID : 65497816933
Chosen Option : 4

Q.3 Select the most appropriate synonym of the given word.

RAPTUROUS

- Ans ☒ 1. Delighted
☒ 2. Worried
☒ 3. Agitated
☒ 4. Disgusted

Question ID : 65497816932
Chosen Option : 2

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

Problems often _____ when you least expect them.

- Ans
- ☒ 1. raise
 - ☒ 2. arise
 - ☒ 3. rise
 - ☒ 4. arouse

Question ID : 65497816940
Chosen Option : 2

Q.5 Select the most appropriate word for the given group of words.

Imaginary line dividing Earth into northern and southern hemispheres

- Ans
- ☒ 1. Longitude
 - ☒ 2. Equator
 - ☒ 3. Axis
 - ☒ 4. Latitude

Question ID : 65497816935
Chosen Option : 2

Q.6 Select the most appropriate option to fill in the blank.

_____ this water looks clean, it may be contaminated.

- Ans
- ☒ 1. In case
 - ☒ 2. Despite
 - ☒ 3. Although
 - ☒ 4. Because

Question ID : 65497816919
Chosen Option : 3

Q.7 Select the INCORRECTLY spelt word.

- Ans
- ☒ 1. Leave
 - ☒ 2. Lease
 - ☒ 3. Leagend
 - ☒ 4. Legacy

Question ID : 65497816937
Chosen Option : 3

Q.8 Select the most appropriate option to substitute the underlined segment in the given sentence.

Srilekha is Mr. Singhs daughter.

- Ans
- ☒ 1. Mr. Singh
 - ☒ 2. Mr. Singhs'
 - ☒ 3. Mr. Singh's
 - ☒ 4. Mr. Singhs's

Question ID : 65497817735
Chosen Option : 3

Q.9 Select the most appropriate word for the given group of words.

To get ready

- Ans
- ☒ 1. Pretend
 - ☒ 2. Preserve
 - ☒ 3. Protect
 - ☒ 4. Prepare

Question ID : 65497816936
Chosen Option : 4

Q.10 Identify the segment that contains a grammatical error. If there is no error, select 'No error'.

I was watching a whole scene very carefully.

- Ans
- ☒ 1. No error
 - ☒ 2. a whole scene
 - ☒ 3. very carefully
 - ☒ 4. I was watching

Question ID : 65497816916
Chosen Option : 2

Q.11 Select the most appropriate ANTONYM of the given word.

RADIANCE

- Ans
- ☒ 1. Brilliance
 - ☒ 2. Glow
 - ☒ 3. Dullness
 - ☒ 4. Glitter

Question ID : 65497816930
Chosen Option : 3

Q.12 Identify the segment that contains a grammatical error. If there is no error, select 'No error'.

Who has distributed these sweets among the children?

- Ans ☒ 1. No error
☒ 2. among the children
☒ 3. Who has distributed
☒ 4. these sweets

Question ID : **65497816917**
Chosen Option : 1

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

PRECISE

- Ans ☒ 1. Actual
☒ 2. Correct
☒ 3. Definite
☒ 4. Vague

Question ID : **65497816929**
Chosen Option : 4

Q.14 Select the most appropriate option to fill in the blank.

I stayed _____ my uncle's house last night.

- Ans ☒ 1. at
☒ 2. on
☒ 3. in
☒ 4. by

Question ID : **65497816918**
Chosen Option : 1

Q.15 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.'

Priya had strong enough to fight all odds and succeed in meeting her goals in life.

- Ans ☒ 1. has stronger
☒ 2. No substitution required
☒ 3. is strength
☒ 4. was strong

Question ID : **65497815514**
Chosen Option : 4

Q.16 Select the most appropriate option to fill in the blank.

If my memory _____ me right, Abhimanyu was not killed by one person but by seven warriors.

- Ans ☒ 1. serves
☐ 2. makes
☐ 3. supports
☐ 4. finds

Question ID : 65497816939
Chosen Option : 1

Q.17 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 sun is very large than Earth.

- Ans ☐ 1. very larger than
☐ 2. No substitution required
☒ 3. much larger than
☐ 4. much large as

Question ID : 65497816926
Chosen Option : 3

Q.18 Select the INCORRECTLY spelt word.

- Ans ☐ 1. Offshoot
☐ 2. Officiate
☒ 3. Offance
☐ 4. Offspring

Question ID : 65497816938
Chosen Option : 3

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

In the eye of the storm

- Ans ☐ 1. Be involved in discussion
☐ 2. Be calm in difficulty
☒ 3. Be in a controversial situation
☐ 4. Be the centre of attraction

Question ID : 65497816934
Chosen Option : 2

Q.20 Select the most appropriate synonym of the given word.

PACIFY

- Ans ☒ 1. Upset
☒ 2. Irritate
☒ 3. Soothe
☒ 4. Excite

Question ID : **65497816931**
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.

The department of post has (1)_____ inter-city road transport of parcels from Calcutta to Guwahati, Bhubaneswar and Patna. The inter-city (2)_____ of parcels by road (3)_____ amid the inability of the railways (4)_____ adequate space and the preference given (5)_____ the airways to perishable commodities.

SubQuestion No : 21

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

- Ans ☒ 1. started
☒ 2. start
☒ 3. starting
☒ 4. to starting

Question ID : **65497816921**
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.

The department of post has (1)_____ inter-city road transport of parcels from Calcutta to Guwahati, Bhubaneswar and Patna. The inter-city (2)_____ of parcels by road (3)_____ amid the inability of the railways (4)_____ adequate space and the preference given (5)_____ the airways to perishable commodities.

SubQuestion No : 22

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

- Ans ☒ 1. moves
☒ 2. move
☒ 3. movement
☒ 4. moving

Question ID : **65497816922**
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.

The department of post has (1)_____ inter-city road transport of parcels from Calcutta to Guwahati, Bhubaneswar and Patna. The inter-city (2)_____ of parcels by road (3)_____ amid the inability of the railways (4)_____ adequate space and the preference given (5)_____ the airways to perishable commodities.

SubQuestion No : 23

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

Ans  1. was coming

 2. comes

 3. is coming

 4. come

Question ID : 65497816923

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.

The department of post has (1)_____ inter-city road transport of parcels from Calcutta to Guwahati, Bhubaneswar and Patna. The inter-city (2)_____ of parcels by road (3)_____ amid the inability of the railways (4)_____ adequate space and the preference given (5)_____ the airways to perishable commodities.

SubQuestion No : 24

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

Ans  1. providing

 2. provide

 3. provided

 4. to provide

Question ID : 65497816924

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.

The department of post has (1)_____ inter-city road transport of parcels from Calcutta to Guwahati, Bhubaneswar and Patna. The inter-city (2)_____ of parcels by road (3)_____ amid the inability of the railways (4)_____ adequate space and the preference given (5)_____ the airways to perishable commodities.

SubQuestion No : 25

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

Ans  1. with

 2. by

 3. in

 4. from

Question ID : 65497816925

Chosen Option : 2

Section : General Intelligence and Reasoning

Q.1 Some persons are sitting beside a round table facing the centre. S is sitting just opposite of R, who is immediate left of Q. T is sitting immediate right of Q. If U is exactly in opposite of Q, then what is the sitting location of P?

- Ans**
- ☒ 1. Left of U
 - ☒ 2. Between S and T
 - ☒ 3. Right of R
 - ☒ 4. Between U and R

Question ID : 65497817665
Chosen Option : 4

Q.2 Select the correct mirror image of the given figure when the mirror is placed to the right side of the figure.



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 65497817670
Chosen Option : 2

Q.3 In a class of 42 students, Ritika ranks 13th from the top while Sheetal is 34th from the bottom. How many students are there between Ritika and Sheetal?

- Ans**
- ☒ 1. 2
 - ☒ 2. 1
 - ☒ 3. 4
 - ☒ 4. 3

Question ID : 65497817664
Chosen Option : 3

Q.4 Select the option in which the number-pair shares the same relationship as that shared by the following number-pair.

84 : 96

Ans ☒ 1. 46 : 60

☒ 2. 64 : 82

☒ 3. 42 : 58

☒ 4. 68 : 82

Question ID : 65497817650

Chosen Option : --

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



Ans



Question ID : 65497817667

Chosen Option : 2

Q.6 Select the correct sequence of mathematical signs to replace the * signs so as to balance the given equation.

$$42 * 36 * 5 * 78 * (8 * 5) = 216$$

Ans ☒ 1. $\div + \times + -$

☒ 2. $+ \times - \div +$

☒ 3. $\times \div + - +$

☒ 4. $- + \div \times +$

Question ID : 65497817649

Chosen Option : 2

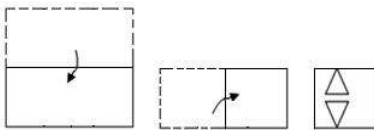
Q.7 Which number will replace the question mark (?) in the following number series?

8, 16, 12, 32, 16, 64, ?

- Ans
- ☒ 1. 18
 - ☒ 2. 32
 - ☒ 3. 24
 - ☒ 4. 20

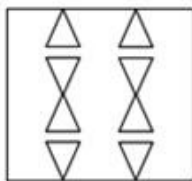
Question ID : 65497817653
Chosen Option : 4

Q.8 A paper is folded and cut as shown in the following figures. How will it appear when unfolded?

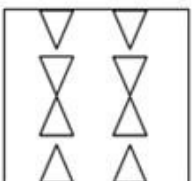


Ans

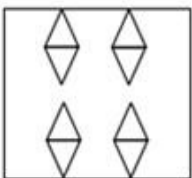
☒ 1.



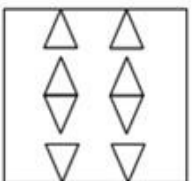
☒ 2.



☒ 3.



☒ 4.



Question ID : 65497817671
Chosen Option : 1

Q.9 The way 'Dog' is related to 'Puppy', in the same way 'Sheep' is related to '_____'.

- Ans
- ☒ 1. Lamb
 - ☒ 2. Kid
 - ☒ 3. Calf
 - ☒ 4. Cub

Question ID : 65497817659
Chosen Option : 2

Q.10 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 mobile phones are video games.

All video games are remote control.

Conclusions:

I. Some mobile phones are remote control.

II. Some remote controls are mobile phones.

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

Question ID : 65497817663
Chosen Option : 3

Q.11 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.

Watt : Power :: Volt : _____.





- Ans**
- ☒ 1. Current
 - ☒ 2. Potential
 - ☒ 3. Strength
 - ☒ 4. Ampere

Question ID : 65497817660
Chosen Option : 1

Q.12 Select the Venn diagram that best illustrates the relationship between the following classes:

Months, Calendar, Days

Ans

- ☒ 1. 
- ☒ 2. 
- ☒ 3. 
- ☒ 4. 

Question ID : 65497817672
Chosen Option : 4

Q.13 In a certain code language if HIMSELF is written as FKKUCND, then how will OUTDOOR be written in the same code language?

- Ans ☒ 1. PWSDNOR
☒ 2. MWRFMQP
☒ 3. MVTGORP
☒ 4. NWQFLQO

Question ID : 65497817655
Chosen Option : 2

Q.14 Select the correct alternative to indicate the sequential order of the following rivers of India. (North to South)

1. Kaveri
2. Narmada
3. Godavari
4. Ganges
5. Krishna

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

Question ID : 65497817666
Chosen Option : 2

Q.15 Which two digits and signs can be interchanged so as to balance the given equation?

$$36 \div 2 - 159 + 78 \times 18 = 135$$

- Ans ☒ 1. 8 and 2; \times and \div
☒ 2. 5 and 8; + and -
☒ 3. 8 and 7; \times and \div
☒ 4. 6 and 8; + and -

Question ID : 65497817648
Chosen Option : 1

Q.16 Which number will replace the question mark (?) in the following number series?

54, 68, 78, 84, ?

- Ans ☒ 1. 86
☒ 2. 88
☒ 3. 84
☒ 4. 90

Question ID : 65497817652
Chosen Option : 1

Q.17 Which letter cluster will replace the question mark (?) in the following letter series?

RUY, DGK, PSW, ?

Ans ☒ 1. ADG

☒ 2. ADH

☒ 3. BEI

☒ 4. BEH

Question ID : 65497817661

Chosen Option : 3

Q.18 Select the option in which the numbers are related in the same way, as the numbers of the following set.

98 : 81 : 72

Ans ☒ 1. 76 : 63 : 54

☒ 2. 68 : 56 : 46

☒ 3. 72 : 63 : 55

☒ 4. 68 : 54 : 44

Question ID : 65497817651

Chosen Option : 1

Q.19 If in a coding system MUSICAL is coded as 109 and RAISING is coded as 110, then how will FOURTH be coded in the same coding system?

Ans ☒ 1. 72

☒ 2. 74

☒ 3. 70

☒ 4. 76

Question ID : 65497817657

Chosen Option : 2

Q.20 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.

RAILCAR : NEEPYEN : : ICESHOW : _____.

Ans ☒ 1. MZJOMKU

☒ 2. MYIOLKT

☒ 3. EGAWDSS

☒ 4. NZJPMLU

Question ID : 65497817658

Chosen Option : 3

Q.21 If in a coding system SHELTER is coded as 6295793 and FISHERY is coded as 8162934, then how will FILTHY be coded in the same coding system?

Ans ☒ 1. 815724

☒ 2. 812457

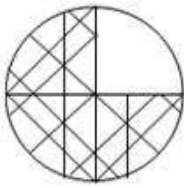
☒ 3. 157842

☒ 4. 581724

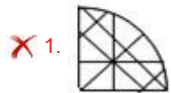
Question ID : 65497817656

Chosen Option : 1

Q.22 Identify the option figure that completes the following pattern.



Ans



Question ID : 65497817668

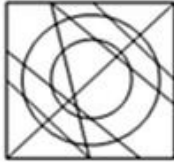
Chosen Option : 4

Q.23 Identify the option in which following figure is embedded (rotation is NOT applicable):

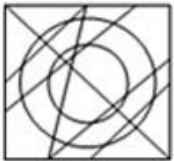


Ans

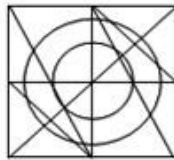
☒ 1.



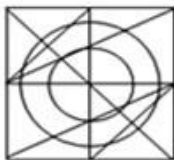
☒ 2.



☒ 3.



☒ 4.



Question ID : 65497817669
Chosen Option : 3

Q.24 In a certain code language if CONDENSE is written as OCDNNEES, then how will FACILITY be written in the same code language?

Ans ☒ 1. AFYTICIL

☒ 2. YTILICAF

☒ 3. AFICILYT

☒ 4. ICAFYTIL

Question ID : 65497817654
Chosen Option : 3

Q.25 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 heads are tails.

All tails are bones.

Conclusions:

I. All bones are heads.

II. All heads are bones.

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

Question ID : **65497817662**
Chosen Option : **3**

Section : Numerical Aptitude

Q.1 What is the average of the sixty terms given below?

$\cos^2 x, \cos^2 2x, \cos^2 3x, \dots, \cos^2 30x, \sin^2 x, \sin^2 2x, \sin^2 3x, \dots, \sin^2 30x$

- Ans**
- ☒ 1. $\cos^2 x$
 - ☒ 2. 0.5
 - ☒ 3. 1
 - ☒ 4. $\cos^2 x \sin^2 x$

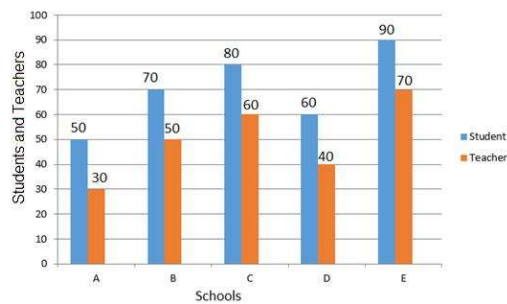
Question ID : **65497817475**
Chosen Option : **2**

Q.2 A wooden piece in the shape of a cuboid is divided into five equal parts by cutting it with four cuts perpendicular to its length, and it turns out that each piece is a cube of volume 27 cm^3 . What is the total surface area (in cm^2) of the cuboid?

- Ans**
- ☒ 1. 150
 - ☒ 2. 174
 - ☒ 3. 216
 - ☒ 4. 198

Question ID : **65497817488**
Chosen Option : **4**

Q.3 The number of teachers and students in five schools A, B, C, D and E in a city has been depicted through the given bar graph, where the number of students has been presented as multiples of ten. Study the bar graph and answer the question that follows.



What is the proportion of the student to teacher ratios across the five schools, A, D, B, C, E?

- Ans
- ☒ 1. 756 : 840 : 900 : 945 : 980
 - ☒ 2. 350 : 275 : 287 : 300 : 320
 - ☒ 3. 350 : 315 : 294 : 280 : 270
 - ☒ 4. 720 : 800 : 926 : 935 : 975

Question ID : 65497817494

Chosen Option : 3

Q.4 The difference between a positive number and its reciprocal increases by a factor of $\frac{175}{144}$ when the number is made to increase by 20%. What is the number?

- Ans
- ☒ 1. 7.5
 - ☒ 2. 6
 - ☒ 3. 2.5
 - ☒ 4. 5

Question ID : 65497817478

Chosen Option : --

Q.5 The simple interest earned on a sum is $\frac{1}{25}$ of the sum, where the number of years of investment is equal to the rate percentage. For how many years was the sum invested?

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

Question ID : 65497817485

Chosen Option : 1

Q.6 Four persons, P, Q, R, S were engaged for doing a task, with the condition that P, Q, R, S work, respectively, on (Mondays, Thursdays); (Tuesdays, Fridays); (Wednesdays, Saturdays); (Sundays). The task was began on a Monday, and got completed on the 15th day, which was also a Monday. If the efficiencies of P, Q, R, S in respect of doing this task were in the proportion $1 : 2 : 3 : 4$, then in how many days could R complete the task, working alone without break?

- Ans**
- ☒ 1. 13
 - ☒ 2. 10
 - ☒ 3. 11
 - ☒ 4. 12

Question ID : 65497817472
Chosen Option : 2

Q.7 How many numbers between 500 and 900, both inclusive, are exactly divisible by all the numbers, 12, 15, 20 and 30?

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

Question ID : 65497817490
Chosen Option : 3

Q.8 If 24 men can do a work in 15 days by working 12 hours daily, then in how many days will 36 men be able to do double the quantum of work, by working 10 hours daily?

- Ans**
- ☒ 1. 30
 - ☒ 2. 32
 - ☒ 3. 24
 - ☒ 4. 12

Question ID : 65497817471
Chosen Option : 3

Q.9 The material of a sphere of radius r is melted and recast into a hollow cylindrical shell of thickness a and outer radius b . What is its length assuming that no material is lost in recasting?

- Ans**
- ☒ 1. $\frac{4r^3}{3a(2a-b)}$
 - ☒ 2. $\frac{4r^3}{3a(b+a)(b-a)}$
 - ☒ 3. $\frac{4r^3}{3a(b-a)}$
 - ☒ 4. $\frac{4r^3}{3a(2b-a)}$

Question ID : 65497817489
Chosen Option : 3

Q.10 A lady walks to her office every day from home and maintains a fixed time for the same. On one day she decreases her speed by 25%. By what fraction of her usual time will she be late on that day?

Ans

- ☒ 1. $\frac{2}{3}$
- ☒ 2. $\frac{1}{4}$
- ☒ 3. $\frac{1}{3}$
- ☒ 4. $\frac{1}{6}$

Question ID : 65497817473
Chosen Option : 3

Q.11 Two similar pieces of an item were purchased by paying the same amount for each, and they were sold, respectively, for a profit of 25% and a loss of 20%. What was his profit percentage?

Ans

- ☒ 1. 2
- ☒ 2. 4.5
- ☒ 3. 2.5
- ☒ 4. 5

Question ID : 65497817480
Chosen Option : 3

Q.12 If $\frac{a}{b} = \frac{b}{c} = \frac{c}{d}$, then $\frac{a}{d}$ in terms of b and c is equal to:

Ans

- ☒ 1. $\left(\frac{b}{c}\right)^3$
- ☒ 2. $\left(\frac{b}{c}\right)^2$
- ☒ 3. $\left(\frac{b}{c}\right)^{1.5}$
- ☒ 4. $\left(\frac{b}{c}\right)^{0.5}$

Question ID : 65497817481
Chosen Option : 1

Q.13 In what ratio should two varieties of tea at ₹300 and ₹400 per kg, respectively, be mixed so that the mixture is worth ₹320 per kg?

Ans

- ☒ 1. 1 : 5
- ☒ 2. 1 : 4
- ☒ 3. 5 : 1
- ☒ 4. 4 : 1

Question ID : 65497817482
Chosen Option : 4

Q.14

Simplify $\frac{10^2 \text{ of } \left(\frac{1}{5}\right)^3 \div \frac{1}{4} \times 4 - \frac{2}{5} \text{ of } 15}{\frac{4}{5} \left(5 \div 5 \text{ of } 12 + \frac{1}{6}\right)}$

Ans

☒ 1. $-\frac{65}{73}$

☒ 2. 34

☒ 3. $-\frac{147}{73}$

☒ 4. $-\frac{78}{73}$

Question ID : 65497817997
Chosen Option : 2

Q.15 If a person sells 80% of the number of toys for an amount with which he purchased all the toys, then what is his profit percentage?

Ans

☒ 1. 20

☒ 2. 22.5

☒ 3. 25

☒ 4. 40

Question ID : 65497817479
Chosen Option : 3

Q.16 X, Y, Z enter into a partnership venture with a capital of ₹1,20,000, in which the contribution of Y and Z are, respectively, 40% more and ₹1,000 more than that of X. The profit earned is 20% of the capital. Out of this profit, 10% goes towards some incidental expenses. What is the share (in ₹) of X out of it?

Ans

☒ 1. 7,500

☒ 2. 4,800

☒ 3. 7,000

☒ 4. 6,300

Question ID : 65497817483
Chosen Option : 4

Q.17 The line graph that can replace a histogram is called a/an:

Ans

☒ 1. frequency polygon

☒ 2. ogive

☒ 3. cumulative frequency less than type graph

☒ 4. cumulative frequency more than type graph

Question ID : 65497817486
Chosen Option : --

Q.18 A certain sum was invested for three years in a scheme in which the interest gets compounded annually. During the first two years, the scheme provided growths at the rates of 80% and 60%, respectively, but during the third year there was a decline by 40%. What was the overall interest rate for three years?

- Ans
- ☒ 1. 24%
 - ☒ 2. 20%
 - ☒ 3. 22.5%
 - ☒ 4. 48.6%

Question ID : 65497817484
Chosen Option : 2

Q.19 Two circles touch each other externally; the distance between their centres is 12 cm and the sum of their areas (in cm^2) is 74π . What is the radius of the smaller circle?

- Ans
- ☒ 1. 2.8
 - ☒ 2. 4.5
 - ☒ 3. 5
 - ☒ 4. 3

Question ID : 65497817487
Chosen Option : 3

Q.20 The average daily expenditure of a person during the month of February 2020 was ₹120. The average expenditure for the first 15 days was ₹142, and for the last 15 days was ₹96. What was his expenditure (in ₹) on 15th February?

- Ans
- ☒ 1. 90
 - ☒ 2. 98
 - ☒ 3. 95
 - ☒ 4. 88

Question ID : 65497817476
Chosen Option : 1

Q.21 An article was subject to three successive discounts, whereby a customer had to pay ₹2,366.8 less than the marked price of ₹12,500. If the rates of the first two discounts were, respectively, 12% and 6%, then what was the rate percentage of the third discount?

- Ans
- ☒ 1. 3.6
 - ☒ 2. 2
 - ☒ 3. 2.5
 - ☒ 4. 3

Question ID : 65497817477
Chosen Option : 2

Q.22

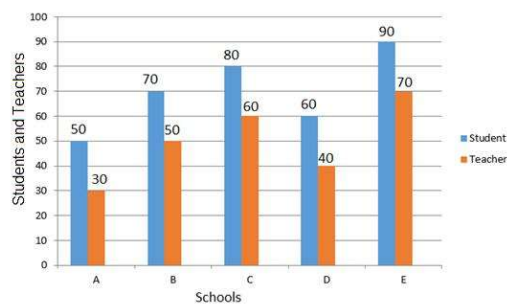
The value of $\left(120 \div \frac{5}{4}\right) - \left\{ \left(105 - 5 \times 3 + 2 \text{ of } 17 \div \frac{1}{6}\right) \div \left(5 + \frac{1}{4}\right) \right\}$ is:

- Ans
- ☒ 1. 46
 - ☒ 2. 50
 - ☒ 3. 45
 - ☒ 4. 40

Question ID : 65497815875
Chosen Option : 4

Q.23

The number of teachers and students in five schools A, B, C, D and E in a city has been depicted through the given bar graph, where the number of students has been presented as multiples of ten. Study the bar graph and answer the question that follows.

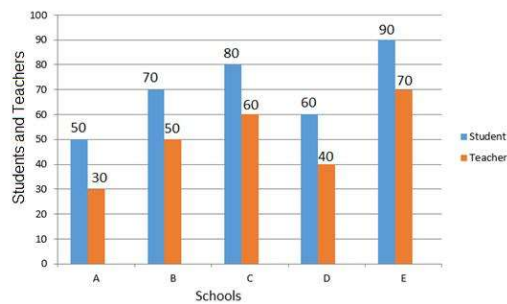


If 20% of the students of E get transferred such that they get equally distributed among A and C, and 10% of their teachers are transferred to A, then which among the following schools will have its student to teacher ratio closest to that of D?

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

Question ID : 65497817495
Chosen Option : 2

Q.24 The number of teachers and students in five schools A, B, C, D and E in a city has been depicted through the given bar graph, where the number of students has been presented as multiples of ten. Study the bar graph and answer the question that follows.



Which school among the following has the highest teacher to student ratio?

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

Question ID : 65497817493

Chosen Option : 2

Q.25 Two clocks were synchronised at 11 a.m. on a Sunday. Thereafter, every day they were, respectively, found to gain and lose one minute per day. What time, expressed in hours and minutes, will the second clock show when the first clock shows 10 p.m. on the next Friday?

- Ans
- ☒ 1. 9 hours $48\frac{3}{11}$ minutes p.m.
 - ☒ 2. 9 hours $48\frac{7}{11}$ minutes p.m.
 - ☒ 3. 9 hours $49\frac{1}{11}$ minutes p.m.
 - ☒ 4. 9 hours $49\frac{9}{11}$ minutes p.m.

Question ID : 65497817474

Chosen Option : 1

Section : General Awareness

Q.1 What is the unit to measure the wavelength of light?

- Ans
- ☒ 1. Faraday
 - ☒ 2. Candela
 - ☒ 3. Dyne
 - ☒ 4. Angstrom

Question ID : 65497814279

Chosen Option : 2

Q.2 Who invented the capillary feed fountainpen?

- Ans
- ☒ 1. David Hughes
 - ☒ 2. Ian Donald
 - ☒ 3. LE Waterman
 - ☒ 4. Alfred Nobel

Question ID : 65497814280
Chosen Option : 3

Q.3 Which of the following is the world's largest delta?

- Ans
- ☒ 1. Irrawaddy Delta
 - ☒ 2. Rhine-Meuse Delta
 - ☒ 3. Ganges–Brahmaputra Delta
 - ☒ 4. Amazon Delta

Question ID : 65497814284
Chosen Option : 3

Q.4 Who wrote the book 'Kundalini: The Mother of the Universe', which Includes an English translation of 'Lalita Sahasranama'?

- Ans
- ☒ 1. Rishi Singh Gherwal
 - ☒ 2. Rabindranath Tagore
 - ☒ 3. Vikram Seth
 - ☒ 4. Dr. S Radha Krishnan

Question ID : 65497814271
Chosen Option : 4

Q.5 Which part of the Constitution of India deals with the relation between the Union and the States?

- Ans
- ☒ 1. Part VIII
 - ☒ 2. Part XI
 - ☒ 3. Part VII
 - ☒ 4. Part IX

Question ID : 65497814275
Chosen Option : 4

Q.6 The Planning Commission was established by an executive decision of Government of India in ____.

- Ans
- ☒ 1. 1955
 - ☒ 2. 1945
 - ☒ 3. 1960
 - ☒ 4. 1950

Question ID : 65497814272
Chosen Option : 4

Q.7 Who is the author of the book 'Beyond the Lines'?

- Ans ☒ 1. Vishnu Sharma
☒ 2. Omar Khayyam
☒ 3. Kuldip Nayar
☒ 4. VV Giri

Question ID : 65497814269
Chosen Option : --

Q.8 Filmmaker Utpal Borpujari's documentary, 'Songs of the _____' is based on the folk songs and culture of the Naga tribes.

- Ans ☒ 1. Blue River
☒ 2. Blue Sky
☒ 3. Blue Earth
☒ 4. Blue Hills

Question ID : 65497814270
Chosen Option : --

Q.9 In the context of Economics, what does P stand for in EPF?

- Ans ☒ 1. Planning
☒ 2. Profit
☒ 3. Promotion
☒ 4. Provident

Question ID : 65497814274
Chosen Option : --

Q.10 The La Liga Trophy is associated with which sport?

- Ans ☒ 1. Tennis
☒ 2. Football
☒ 3. Weightlifting
☒ 4. Cricket

Question ID : 65497814268
Chosen Option : 2

Q.11 Rauf and Hikar are the dance forms of _____.

- Ans ☒ 1. Odisha
☒ 2. Jammu and Kashmir
☒ 3. Manipur
☒ 4. Sikkim

Question ID : 65497814266
Chosen Option : 2

Q.12 Which dynasty ruled India between 320 AD and 550 AD?

- Ans ☒ 1. Mauryan Dynasty
☒ 2. Hoysala Dynasty
☒ 3. Magadha Dynasty
☒ 4. Gupta Dynasty

Question ID : 65497814287
Chosen Option : 3

Q.13 'Pandavani' is the most celebrated folklore of ____.

- Ans ☒ 1. Maharashtra
☒ 2. Chhattisgarh
☒ 3. Rajasthan
☒ 4. Karnataka

Question ID : 65497814264
Chosen Option : --

Q.14 The 'Procedure for Amendment of the Constitution' in the Indian Constitution is borrowed from which of the following country's constitutions?

- Ans ☒ 1. Russia
☒ 2. Germany
☒ 3. South Africa
☒ 4. Canada

Question ID : 65497814277
Chosen Option : 4

Q.15 When was the first battle of Panipat fought?

- Ans ☒ 1. 1479
☒ 2. 1326
☒ 3. 1526
☒ 4. 1632

Question ID : 65497814288
Chosen Option : 3

Q.16 Which instrument is used to measure very high temperature?

- Ans ☒ 1. Fathometer
☒ 2. Manometer
☒ 3. Salinometer
☒ 4. Pyrometer

Question ID : 65497814278
Chosen Option : 4

Q.17 Which of the following is a Kharif crop in north and Rabi crop in south India?

- Ans ☒ 1. Ragi
☒ 2. Sesamum
☒ 3. Sunflower
☒ 4. Sugarcane

Question ID : 65497814283
Chosen Option : 2

Q.18 Which of the following Vedas dealt with music?

- Ans ☒ 1. Sama Veda
☒ 2. Rig Veda
☒ 3. Yajur Veda
☒ 4. Atharva Veda

Question ID : 65497814286
Chosen Option : 1

Q.19 Vitamin K deficiency in our body leads to:

- Ans ☒ 1. delayed clotting of blood
☒ 2. interference with reproduction
☒ 3. night-blindness
☒ 4. scurvy

Question ID : 65497814281
Chosen Option : 1

Q.20 Infant Mortality Rate (or IMR) indicates the number of children that die before the age of _____ as a proportion of 1000 live children born in that particular year.

- Ans ☒ 1. 6 months
☒ 2. 3 months
☒ 3. 1 year
☒ 4. 3 years

Question ID : 65497816394
Chosen Option : --

Q.21 'Kolkali' is one of the traditional folk dances of which state?

- Ans ☒ 1. Andhra Pradesh
☒ 2. Nagaland
☒ 3. Kerala
☒ 4. Arunachal Pradesh

Question ID : 65497814265
Chosen Option : 4

Q.22 Who discovered the smallpox vaccine?

- Ans ☒ 1. Jonas Salk
☒ 2. Louis Pasteur
☒ 3. Edward Jenner
☒ 4. Leon Calmette

Question ID : 65497814282
Chosen Option : 2

Q.23 Anju Bobby George is associated with which of the following sports?

- Ans ☒ 1. Boxing
☒ 2. Athletics
☒ 3. Shooting
☒ 4. Hockey

Question ID : 65497814267
Chosen Option : 3

Q.24 What does Article 21 of the Indian Constitution deal with?

- Ans ☒ 1. Right to property
☒ 2. Fundamental duties
☒ 3. Right to life
☒ 4. National emergency

Question ID : 65497814276
Chosen Option : 3

Q.25 Which soils are widespread in the northern plains and the river valleys and cover about 40% of the total area of India?

- Ans ☒ 1. Black soil
☒ 2. Laterite soil
☒ 3. Red soil
☒ 4. Alluvial soil

Question ID : 65497814285
Chosen Option : 4