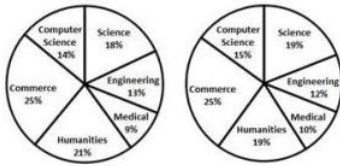


Q.11 The following pie charts show the number of students studying in different departments of an institute during the academic years 2019 and 2020. The total number of students was 2000 and 2400 in academic years 2019 and 2020, respectively.

Students studying humanities in 2019 and 2020 taken together is what percentage of the total number of students studying during the two years taken together? (correct to 2 decimal places)



Academic year 2019 Academic year 2020

- Ans**
- 1. 18.75%
 - 2. 19.91%
 - 3. 19.19%
 - 4. 18.52%

Question ID : **65497843648**
 Status : **Answered**
 Chosen Option : **2**

Q.12 Of the three numbers, second is one-third of first and is also three-fourth of the third number. If the average of three numbers is 112, then what is the smallest number?

- Ans**
- 1. 63
 - 2. 45
 - 3. 84
 - 4. 189

Question ID : **65497842921**
 Status : **Answered**
 Chosen Option : **1**

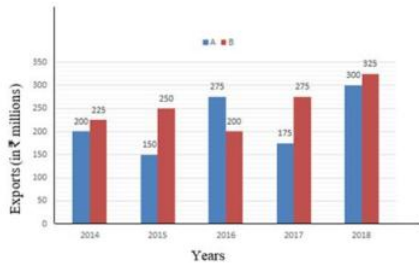
Q.13 A man started off a business with a certain capital amount. In the first year, he earned 60% profit and donated 50% of the total capital (initial amount + profit). He followed the same procedure with the remaining capital after the second and the third year. If at the end of the three years, he is left with ₹15,360, what was the initial amount (in ₹) with which the man started his business?

- Ans**
- 1. 20,000
 - 2. 30,000
 - 3. 25,000
 - 4. 32,000

Question ID : **65497843024**
 Status : **Not Attempted and Marked For Review**
 Chosen Option : **--**

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

The bar graph shows the exports of cars of type A and B (in ₹ millions) from 2014 to 2018.



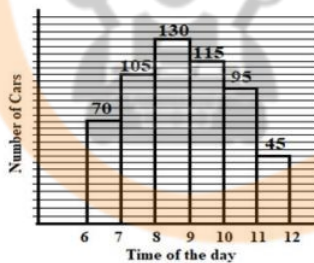
What is the ratio of the total exports of cars of type A in 2016 and 2018 to the total exports of cars of type B in 2014 and 2017?

- Ans**
- 1. 10 : 9
 - 2. 11 : 10
 - 3. 25 : 16
 - 4. 23 : 20

Question ID : 65497842636
Status : Answered
Chosen Option : 4

Q.15 The number of cars passing the road near a colony from 6 am to 12 noon has been shown in the following histogram.

What is the maximum change percentage in the number of cars as compared to the previous hour? (correct to 2 decimal places)



- Ans**
- 1. Decrease of 52.63%
 - 2. Decrease of 58.5%
 - 3. Increase of 55.56%
 - 4. Increase of 58.5%

Question ID : 65497842134
Status : Answered
Chosen Option : 1

Q.16 If $A = 60^\circ$, what is the value of:

$$\frac{10 \sin \frac{A}{2} + 8 \cos A}{7 \sin \frac{3A}{2} - 12 \cos A} ?$$

- Ans
- 1. 10
 - 2. 12
 - 3. 9
 - 4. 7

Question ID : 65497844250
Status : Answered
Chosen Option : 3

Q.17 If $3 \sin^2 \theta + 4 \cos \theta - 4 = 0, 0^\circ < \theta < 90^\circ$, then the value of $(\operatorname{cosec}^2 \theta + \cot^2 \theta)$ is

- Ans
- 1. $\frac{5}{4}$
 - 2. $\frac{25}{3}$
 - 3. $\frac{4}{3}$
 - 4. $\frac{17}{9}$

Question ID : 65497844249
Status : Answered
Chosen Option : 1

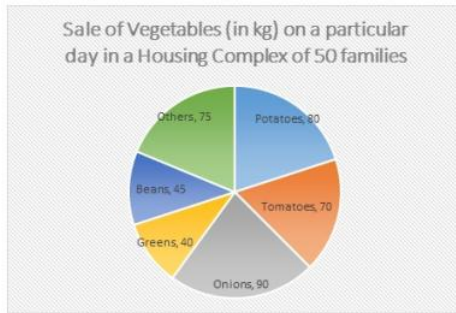
Q.18 Three numbers are in the proportion of 3 : 8 : 15 and their LCM is 8280. What is their HCF?

- Ans
- 1. 60
 - 2. 69
 - 3. 75
 - 4. 57

Question ID : 65497843222
Status : Answered
Chosen Option : 2

Q.19 A vegetable vendor supplies vegetables to a housing complex of 50 families. On a particular day, the break-up sale of vegetables is represented in the form of a pie chart as shown.

Study the pie chart carefully and answer the question that follows.



What is the ratio of the central angle corresponding to the sale of potatoes, tomatoes and beans together to the central angle corresponding to the combined sale of onions and others?

- Ans**
- 1. 13 : 15
 - 2. 13 : 11
 - 3. 11 : 13
 - 4. 15 : 13

Question ID : 65497843243
 Status : Answered
 Chosen Option : 2

Q.20 The value of

$$\left[\frac{3}{8} - \left\{ \frac{3}{8} - \left(\frac{5}{8} - \frac{3}{8} \right) \right\} \right] \text{ of } 4.8 - 0.9$$

$$4\frac{1}{6} \div 2.5 \times 0.2 \div \frac{1}{5} \text{ of } 50 + \left(\frac{3}{4} - \frac{1}{8} \right) \text{ is:}$$

- Ans**
- 1. $\frac{30}{79}$
 - 2. $\frac{42}{79}$
 - 3. $\frac{36}{79}$
 - 4. $\frac{24}{79}$

Question ID : 65497843223
 Status : Answered
 Chosen Option : 3

Q.21 In a ΔABC , D, E and F are the mid-points of side BC, CA and AB respectively. If BC = 14.4 cm, CA = 15.2 cm and AB = 12.4 cm, what is the perimeter (in cm) of the ΔDEF ?

- Ans**
- 1. 42
 - 2. 28
 - 3. 21
 - 4. 35

Question ID : **65497844247**
Status : **Answered**
Chosen Option : **3**

Q.22 14 men can complete a work in 15 days. If 21 men are employed, then in how many days will they complete the same work?

- Ans**
- 1. 10
 - 2. 14
 - 3. 12
 - 4. 15

Question ID : **65497844240**
Status : **Answered**
Chosen Option : **1**

Q.23 PQ and RS are two parallel chords of a circle of length 14 cm and 48 cm, respectively, and lie on the same side of the centre O. If the distance between the chords is 17 cm, what is the radius (in cm) of the circle?

- Ans**
- 1. 28
 - 2. 24
 - 3. 25
 - 4. 20

Question ID : **65497843034**
Status : **Answered**
Chosen Option : **3**

Q.24 Let $\Delta ABC \sim \Delta PQR$ and (Area of ΔABC) : (Area of ΔPQR) = 121 : 64. If QP = 14.4 cm, PR = 12 cm and AC = 18 cm, then what is the length of AB?

- Ans**
- 1. 32.4 cm
 - 2. 21.6 cm
 - 3. 19.8 cm
 - 4. 16.2 cm

Question ID : **65497844248**
Status : **Answered**
Chosen Option : **3**

Q.25 If each of the two numbers 5^{16} and 5^{25} are divided by 6, the remainders are R_1 and R_2 , respectively. What is the value

of $\frac{R_1 + R_2}{R_2}$?

Ans

- 1. $\frac{1}{6}$
- 2. $\frac{5}{6}$
- 3. $\frac{1}{5}$
- 4. $\frac{6}{5}$

Question ID : **65497843019**

Status : **Answered**

Chosen Option : **4**

Section : **English Comprehension**

Q.1 Select the most appropriate **ANTONYM** of the given word.

Altercation

- Ans**
- 1. Agreement
 - 2. Argument
 - 3. Quarrel
 - 4. Controversy

Question ID : **65497843062**

Status : **Answered**

Chosen Option : **1**

Q.2 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

She performed / the task / at the best / of her ability.

- Ans**
- 1. the task
 - 2. of her ability
 - 3. She performed
 - 4. at the best

Question ID : **65497842539**

Status : **Marked For Review**

Chosen Option : **4**

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

Obstruct

- Ans** 1. Approve
 2. Block
 3. Match
 4. Permit

Question ID : **65497843262**
Status : **Answered**
Chosen Option : **2**

Q.4 Select the option that expresses the given sentence in indirect speech.

“What is Sonia saying?” said Rohit.

- Ans** 1. Rohit asked what was Sonia saying.
 2. Rohit asked what Sonia was saying.
 3. Rohit asked that what was Sonia saying.
 4. Rohit asked what is Sonia saying.

Question ID : **65497842147**
Status : **Answered**
Chosen Option : **2**

Q.5 Select the option that can be used as a one-word substitute for the given group of words.

A fixed sum paid annually

- Ans** 1. Bonus
 2. Honorarium
 3. Annuity
 4. Alimony

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Question ID : **65497844278**
Status : **Marked For Review**
Chosen Option : **3**

Q.6 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

Such was his performance that the audience gave a standing ovation.

- Ans** 1. So was
 2. Much was
 3. No substitution required
 4. Such as

Question ID : **65497843057**
Status : **Answered**
Chosen Option : **3**

Q.7 Select the correct passive voice form of the given sentence.

The children are doing hard work.

- Ans 1. Hard work is being done by the children.
 2. Hard work is done by the children.
 3. Hard work had been done by the children.
 4. Hard work was being done by the children.

Question ID : 65497843250
Status : Answered
Chosen Option : 1

Q.8 Select the option that gives the most appropriate meaning of the underlined idiom.

The new electrician is a green horn, but will learn fast.

- Ans 1. Efficient
 2. Proficient
 3. Professional
 4. Inexperienced

Question ID : 65497843064
Status : Answered
Chosen Option : 4

Q.9 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Several minutes passed / before she returned / carry milk / for the dog.

- Ans 1. carry milk
 2. Several minutes passed
 3. for the dog
 4. before she returned

Question ID : 65497842138
Status : Answered
Chosen Option : 1

Q.10 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

It has been / raining intermittently / since two days.

- Ans 1. raining intermittently
 2. It has been
 3. No error
 4. since two days

Question ID : 65497844358
Status : Answered
Chosen Option : 4

Q.11 Select the most appropriate meaning of the given idiom.

Sticky fingers

- Ans** ✓ 1. An inclination to steal
✗ 2. A habit of licking fingers
✗ 3. A tendency to interfere
✗ 4. A tendency to forget

Question ID : **65497842156**
Status : **Answered**
Chosen Option : **1**

Q.12 The following sentence has been divided into parts. One of them contains an error. Select the part that contains the error from the given options.

The Taj Mahal / is one of / the most beautiful / creation in the world.

- Ans** ✗ 1. The Taj Mahal
✗ 2. the most beautiful
✓ 3. creation in the world
✗ 4. is one of

Question ID : **65497844258**
Status : **Answered**
Chosen Option : **1**

Q.13 Select the option that can be used as a one-word substitute for the given group of words.

A person who travels on foot.

- Ans** ✓ 1. Pedestrian
✗ 2. Rover
✗ 3. Dweller
✗ 4. Flyer

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Question ID : **65497844279**
Status : **Answered**
Chosen Option : **1**

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

Spacious

- Ans** ✓ 1. Cramped
✗ 2. Extensive
✗ 3. Boundless
✗ 4. Roomy

Question ID : **65497842154**
Status : **Answered**
Chosen Option : **1**

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

I am expected to follow all your instructions, _____?

- Ans
- 1. isn't it
 - 2. am I
 - 3. aren't I
 - 4. is it

Question ID : 65497844281
Status : Marked For Review
Chosen Option : 3

Q.16 Select the INCORRECTLY spelt word.

- Ans
- 1. Ensure
 - 2. Adjourn
 - 3. Purity
 - 4. Exhaust

Question ID : 65497844280
Status : Answered
Chosen Option : 4

Q.17 Given below are four sentences which are jumbled. Pick the option that gives their correct order.

- A. It also wants to know how many students have been provided nutritious food and improved their overall health.
- B. The Midday Meal Scheme, that aims to provide free food to children, is in focus again.
- C. About 1.3 million government schools are covered under this welfare program of children.
- D. The Government now wants to take stock of the implementation of the program,

- Ans
- 1. BCDA
 - 2. ADBC
 - 3. BACD
 - 4. ADCB

Question ID : 65497843261
Status : Answered
Chosen Option : 3

Q.18 Select the option that expresses the given sentence in passive voice.

Arrest the thief.

- Ans
- 1. Let the thief is arrested.
 - 2. The thief is arrested.
 - 3. The thief has been arrested.
 - 4. Let the thief be arrested.

Question ID : 65497844261
Status : Answered
Chosen Option : 4

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

Commute

- Ans**
- 1. Consume
 - 2. Convert
 - 3. Condense
 - 4. Conserve

Question ID : **65497844273**
Status : **Marked For Review**
Chosen Option : **4**

Q.20 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

In the olden days, many people use to think that the earth was flat.

- Ans**
- 1. people used to think
 - 2. people were used to think
 - 3. people were thinking
 - 4. No substitution required

Question ID : **65497843260**
Status : **Answered**
Chosen Option : **1**

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

There is so much (1) _____ and confusion in life today because the goal of human beings is not clear. Each person (2) _____ to fulfil his desires and dreams without (3) _____ the interest of the other. When we have a (4) _____ motive, we lose the sense of the higher objective of attaining happiness. Therefore, there is lot of (5) _____ in our life.

SubQuestion No : 21

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

- Ans**
- 1. certainty
 - 2. positivity
 - 3. uncertainty
 - 4. reliability

Question ID : **65497844263**
Status : **Answered**
Chosen Option : **3**

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

There is so much (1) _____ and confusion in life today because the goal of human beings is not clear. Each person (2) _____ to fulfil his desires and dreams without (3) _____ the interest of the other. When we have a (4) _____ motive, we lose the sense of the higher objective of attaining happiness. Therefore, there is lot of (5) _____ in our life.

SubQuestion No : 22

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

- Ans**
- 1. has want
 - 2. want
 - 3. have want
 - 4. wants

Question ID : 65497844264

Status : Answered

Chosen Option : 4

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

There is so much (1) _____ and confusion in life today because the goal of human beings is not clear. Each person (2) _____ to fulfil his desires and dreams without (3) _____ the interest of the other. When we have a (4) _____ motive, we lose the sense of the higher objective of attaining happiness. Therefore, there is lot of (5) _____ in our life.

SubQuestion No : 23

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

- Ans**
- 1. considering
 - 2. disregarding
 - 3. excluding
 - 4. describing

Question ID : 65497844265

Status : Answered

Chosen Option : 1

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

There is so much (1) _____ and confusion in life today because the goal of human beings is not clear. Each person (2) _____ to fulfil his desires and dreams without (3) _____ the interest of the other. When we have a (4) _____ motive, we lose the sense of the higher objective of attaining happiness. Therefore, there is lot of (5) _____ in our life.

SubQuestion No : 24

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

- Ans**
- 1. selfless
 - 2. selfish
 - 3. humane
 - 4. noble

Question ID : 65497844266

Status : Answered

Chosen Option : 2

Comprehension:

In the following passage, some words have been deleted. Select the most appropriate option to fill in each blank.

There is so much (1) _____ and confusion in life today because the goal of human beings is not clear. Each person (2) _____ to fulfil his desires and dreams without (3) _____ the interest of the other. When we have a (4) _____ motive, we lose the sense of the higher objective of attaining happiness. Therefore, there is lot of (5) _____ in our life.

SubQuestion No : 25

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

- Ans** 1. strife
 2. concord
 3. peace
 4. harmony

Question ID : **65497844267**

Status : **Answered**

Chosen Option : **2**



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