

Quantitative Techniques Questions for CLAT 2025

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MULTIPLE CHOICE QUESTIONS

1. A shopkeeper sells rice at a loss of 15%. If he had sold it for ₹80 more, he would have gained 20%. What is the cost price of the rice?

- A) ₹300
- B) ₹400
- C) ₹500
- D) ₹600

2. A vendor sells sarees at a profit of 30%. Had she bought them for ₹200 less and sold them for ₹200 less, she would have gained 15%. What is the cost price of the sarees?

- A) ₹600
- B) ₹700
- C) ₹800
- D) ₹900

3. By selling a smartphone for ₹11,040, a shopkeeper gains 20%. Find the cost price of the smartphone.

- A) ₹8,400
- B) ₹9,200
- C) ₹10,000
- D) ₹11,000

4. A trader marks his goods 40% above the cost price but allows a discount of 25%. If he sells a kurta for ₹480, find his profit percentage.

- A) 12.5%
- B) 15%

- C) 17.5%
- D) 20%

5. By selling a refrigerator for ₹21,600, a shopkeeper gains 25%. Find the cost price of the refrigerator.

- A) ₹16,400
- B) ₹17,280
- C) ₹18,600
- D) ₹19,000

6. A shopkeeper marks his goods 60% above the cost price but allows a discount of 30%. If he sells a mixer grinder for ₹1,400, find his profit percentage.

- A) 12%
- B) 15%
- C) 20%
- D) 25%

7. By selling a laptop for ₹40,000, a shopkeeper gains 33.33%. Find the cost price of the laptop.

- A) ₹30,000
- B) ₹32,000
- C) ₹35,000
- D) ₹36,000

8. A trader sells a saree for ₹240 and gains 20%. Find the cost price of the saree.

- A) ₹180
- B) ₹200
- C) ₹220
- D) ₹230

9. By selling a TV for ₹15,000, a shopkeeper loses 10%. Find the cost price of the TV.

- A) ₹16,500
- B) ₹16,666
- C) ₹16,778

D) ₹17,000

10. The average age of 20 students in a class is 12 years. If the age of the teacher is included, the average becomes 13 years. What is the age of the teacher?

- A) 35 years
- B) 33 years
- C) 40 years
- D) 42 years

11. The average of five consecutive even numbers is 48. What is the largest of these numbers?

- A) 48
- B) 50
- C) 52
- D) 54

12. The average of 11 consecutive odd numbers is 71. What is the smallest of these numbers?

- A) 63
- B) 65
- C) 67
- D) 69

13. The average weight of 20 boys is 30 kg and the average weight of 30 girls is 25 kg. What is the average weight of all the students?

- A) 27 kg
- B) 27.5 kg
- C) 28 kg
- D) 28.5 kg

14. The average of 7 numbers is 21. If each number is multiplied by 3, what is the new average?

- A) 57
- B) 63

C) 67

D) 69

15. The average of 15 numbers is 24. If each number is doubled, what is the new average?

A) 24

B) 32

C) 48

D) 64

16. The average of 10 numbers is 15. If each number is decreased by 5, what is the new average?

A) 5

B) 10

C) 15

D) 20

17. The average of the first 10 natural numbers is:

A) 2.5

B) 3.0

C) 5.5

D) 4.5

18. The average of the reciprocals of x and y is $\frac{1}{3}$. What is the average of x and y?

A) $\frac{1}{3}$

B) $\frac{1}{6}$

C) $\frac{1}{9}$

D) $\frac{1}{12}$

19. The average of 10 numbers is 15. If each number is decreased by 5, what is the new average?

A) 5

B) 10

C) 15

D) 20

20. The average of five numbers is 48. If one number is subtracted from the set, the average becomes 50. What is the subtracted number?

A) 40

B) 46

C) 47

D) 48

ANSWERS

1. C

2. D

3. B

4. D

5. B

6. A

7. A

8. B

9. B

10. B

11. C

12. B

13. B

14. B

15. A

16. C

17. C

18. B

19. C

20. A

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