

BLOGS

CLAT 2025 SAMPLE PAPER ON QUANTITATIVE TECHNIQUES

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SAMPLE PAPER

1. A television's price is increased by 8%, and then decreased by 5%. If the final price is ₹18,480, what was the original price?

- A) ₹17,500
- B) ₹17,800
- C) ₹18,000
- D) ₹18,200

2. If 75% of the students in a class passed the science exam, and there are 15 students who failed, how many students are in the class?

- A) 60
- B) 70
- C) 80
- D) 90

3. A car travels from Bangalore to Chennai at an average speed of 50 km/h. The return trip from Chennai to Bangalore takes 20% longer due to traffic. What is the average speed for the entire round trip?

- A) 40 km/h
- B) 42 km/h
- C) 44 km/h
- D) 46 km/h

4. If the perimeter of a rectangular field is 200 meters and its length is twice its width, what are the dimensions of the field?

- A) Length = 80 m, Width = 40 m
- B) Length = 100 m, Width = 50 m
- C) Length = 120 m, Width = 40 m
- D) Length = 150 m, Width = 50 m

5. The ratio of the ages of two siblings is 4:3. If the older sibling is 12 years old, how old is the younger sibling?

- A) 7 years
- B) 8 years
- C) 9 years
- D) 10 years

6. A train travels from Mumbai to Delhi at an average speed of 80 km/h and returns to Mumbai along the same route at an average speed of 60 km/h. What is the average speed for the entire round trip?

- A) 64 km/h
- B) 68 km/h
- C) 72 km/h
- D) 76 km/h

7. If 25% of the students in a class play cricket, 30% play football, and 20% play both cricket and football, what percentage of students play at least one of the two sports?

- A) 35%
- B) 45%
- C) 50%
- D) 55%

8. A fruit vendor bought 100 kg of apples at ₹50 per kg. He sold 60% of the apples at ₹70 per kg and the rest at ₹40 per kg. What was his overall profit percentage?

- A) 15%
- B) 20%
- C) 25%
- D) 30%

9. If the cost of 8 pens and 5 pencils is ₹176 and the cost of 3 pens and 2 pencils is ₹72, what is the cost of a pen?

- A) ₹6
- B) ₹8
- C) ₹10
- D) ₹12

10. A boat covers a distance of 120 km downstream in 6 hours with the current and returns upstream in 10 hours against the current. What is the speed of the boat in still water?

- A) 10 km/h
- B) 12 km/h
- C) 15 km/h
- D) 18 km/h

11. In a mixture of milk and water, the ratio of milk to water is 5:2. If 10 liters of water are added to the mixture, the ratio becomes 5:3. How many liters of milk were there in the original mixture?

- A) 25 liters
- B) 30 liters
- C) 35 liters
- D) 40 liters

12. The ages of A, B, and C are in the ratio 4:5:6 respectively. If the sum of their ages is 90 years, what is the age of C?

- A) 30 years
- B) 36 years
- C) 42 years
- D) 48 years

13. By selling 40 articles, a person gains the selling price of 5 articles. What is his profit percentage?

- A) 12.5%
- B) 15%

C) 20%

D) 25%

14. A trader sells 60% of his goods at a profit of 20% and the remaining at a loss of 10%. What is his overall profit or loss percentage?

A) 2% profit

B) 3% profit

C) 4% profit

D) 5% profit

15. If the price of a shirt is increased by 20%, by what percentage should it be reduced to restore the original price?

A) 12.5%

B) 16.67%

C) 20%

D) 25%

ANSWERS

1. C

2. C

3. B

4. A

5. B

6. B

7. C

8. B

9. B

10. B

11. C

12. C

13. D

14. A

15. B

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