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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