

# JPMorgan Aptitude Placement Papers

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1 A company's revenue increased from \$2 million to \$2.5 million. What is the percentage increase in revenue?

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

2. If the cost price of an item is \$80 and the selling price is \$100, what is the profit percentage?

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

3. A sum of \$5,000 is invested at a simple interest rate of 5% per annum for 3 years. What is the interest earned?

- A) \$750
- B) \$800
- C) \$850
- D) \$900

4. A stock price increased by 12% in the first year and decreased by 8% in the second year. What is the overall percentage change?

- A) 3.04%
- B) 2.56%
- C) 4%
- D) 5%

5. If a train travels 180 km in 3 hours, what is its average speed?

- A) 50 km/h
- B) 60 km/h
- C) 70 km/h
- D) 80 km/h

6. The ratio of two numbers is 3:4. If their sum is 56, what is the larger number?

- A) 24
- B) 32
- C) 36
- D) 40

7. A company's profit is 25% of its revenue. If the revenue is \$200,000, what is the profit?

- A) \$40,000
- B) \$45,000
- C) \$50,000
- D) \$55,000

8. If the price of a product is increased by 20% and later decreased by 20%, what is the net change in price?

- A) 0%
- B) 2% decrease
- C) 4% decrease
- D) 4% increase

9. A machine produces 150 units in 5 hours. How many units will it produce in 8 hours?

- A) 200
- B) 220
- C) 240
- D) 250

10. If the cost of 5 pens is \$15, what is the cost of 12 pens?

- A) \$30
- B) \$32
- C) \$34
- D) \$36

11. A man spends 60% of his income and saves \$400. What is his total income?

- A) \$800
- B) \$900
- C) \$1,000
- D) \$1,200

12. A sum of money doubles in 6 years at simple interest. What is the rate of interest?

- A) 12%
- B) 15%
- C) 16.67%
- D) 18%

13. If the perimeter of a square is 64 cm, what is its area?

- A) 256 cm<sup>2</sup>
- B) 400 cm<sup>2</sup>
- C) 144 cm<sup>2</sup>
- D) 324 cm<sup>2</sup>

14. A discount of 10% on a product reduces its price by \$20. What was the original price?

- A) \$180
- B) \$200
- C) \$220
- D) \$240

15. A car covers a distance in 4 hours at 60 km/h. How long will it take at 80 km/h?

- A) 2 hours
- B) 3 hours
- C) 3.5 hours
- D) 4 hours

16. If the ratio of boys to girls in a class is 5:3 and there are 40 students, how many girls are there?

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

17. A product costing \$250 is sold at a 15% profit. What is the selling price?

- A) \$275
- B) \$285
- C) \$287.50
- D) \$290

18. If a number is divided by 4, the result is 15. What is the number?

- A) 45
- B) 50
- C) 55
- D) 60

19. A boat travels downstream at 12 km/h and upstream at 8 km/h. What is the speed of the stream?

- A) 1 km/h
- B) 2 km/h
- C) 3 km/h
- D) 4 km/h

20. If the average of five numbers is 36, what is their total sum?

- A) 160
- B) 170
- C) 180
- D) 190

#### Answers:

- 1. **B) 25%**
- 2. **B) 25%**
- 3. **A) \$750**
- 4. **B) 2.56%**
- 5. **B) 60 km/h**
- 6. **B) 32**
- 7. **C) \$50,000**
- 8. **C) 4% decrease**
- 9. **C) 240**
- 10. **D) \$36**
- 11. **C) \$1,000**
- 12. **C) 16.67%**
- 13. **A) 256 cm<sup>2</sup>**
- 14. **B) \$200**
- 15. **B) 3 hours**
- 16. **B) 15**
- 17. **C) \$287.50**

- 18. **D) 60**
- 19. **B) 2 km/h**
- 20. **C) 180**