Percentage Questions with Answers

Mihir kumar tijare

Cdac juhu

039

1. What is 25% of 200?

a) 25

b) 50

c) 75

d) 100

Answer: b) 50

2. If 40% of a number is 80, what is the number?

a) 100

b) 150

c) 200

d) 250

Answer: c) 200

3. 75% of a number is 150. What is the number?

a) 175

b) 200

c) 225

d) 250

Answer: b) 200

4. What is 15% of 120?

a) 12

b) 15

c) 18

d) 20

Answer: c) 18

5. If 30% of a number is 90, then the number is:

a) 200

b) 250

c) 300

d) 350

Answer: c) 300

6. The price of a product increases from Rs200 to Rs250. What is the percentage increase?

a) 20%

b) 25%

c) 30%

d) 35%

Answer: b) 25%

7. A salary increases from Rs40,000 to Rs50,000. What is the percentage increase?

a) 20%

b) 25%

c) 30%

d) 35%

Answer: b) 25%

8. The population of a town decreased from 10,000 to 8,000. What is the percentage decrease?

a) 10%

b) 15%

c) 20%

d) 25%

Answer: c) 20%

9. A book's price drops from Rs500 to Rs400. What is the percentage decrease?

a) 10%

b) 15%

c) 20%

d) 25%

Answer: c) 20%

10. If the cost price of an item is Rs600 and the selling price is Rs450, what is the percentage loss?

a) 20%

b) 22.5%

c) 25%

d) 30%

Answer: c) 25%

11. Which is greater: 30% of 400 or 40% of 300?

a) 30% of 400

b) 40% of 300

c) Both are equal

d) Cannot be determined

Answer: a) 30% of 400

12. A person spends 60% of his income and saves Rs8,000. What is his total income?

a) Rs15,000

b) Rs18,000

c) Rs20,000

d) Rs25,000

Answer: c) Rs20,000

13. If A is 20% more than B, then B is how much less than A?

a) 20%

b) 16.67%

c) 25%

d) 10%

Answer: b) 16.67%

14. If the price of sugar is increased by 25%, by how much should the consumption be reduced to maintaina) 20%

b) 25%

c) 30%

d) 15%

Answer: a) 20%

15. If A's income is 40% more than B's income, then B's income is what percentage less than A's?

a) 28.57%

b) 30%

c) 33.33%

d) 40%

Answer: a) 28.57%

16. The price of an item is increased by 20% and then decreased by 10%. What is the net percentage chana) 8% increase

b) 8% decrease

c) 10% increase

d) 10% decrease

Answer: a) 8% increase

17. A number is increased by 30% and then decreased by 20%. What is the final percentage change?

a) 4% increase

b) 8% increase

c) 10% increase

d) 12% increase

Answer: a) 4% increase

18. If the population of a city increases by 25% and then decreases by 20%, what is the net percentage cha) 0%

b) 5% increase

c) 10% decrease

d) 5% decrease

Answer: d) 5% decrease

19. If a price increases by 40% and then decreases by 30%, the final change is:

a) 2% increase

b) 10% increase

c) 10% decrease

d) 2% decrease

Answer: d) 2% decrease

20. The salary of a person is first increased by 20% and then decreased by 10%. What is the overall percea) 8% increase

b) 10% increase

c) 10% decrease

d) No change

Answer: a) 8% increase

21. If an article is sold at a profit of 25%, then the selling price is what percentage of the cost price?

a) 100%

b) 125%

c) 150%

d) 175%

Answer: b) 125%

22. A shopkeeper allows a discount of 10% on the marked price and still makes a profit of 8%. If the

marked price is Rs. 500, what is the cost price?

a) Rs. 400

b) Rs. 420

c) Rs. 450

d) Rs. 460

Answer: c) Rs. 450

23. If the profit is 20% of the cost price, then what is the profit percentage on the selling price?

a) 16.67%

b) 18%

c) 20%

d) 22%

Answer: a) 16.67%

24. A product is marked at Rs. 1,200 and sold for Rs. 960. What is the percentage discount given?

a) 15%

b) 20%

c) 25%

d) 30%

Answer: b) 20%

25. If an article is bought for Rs. 500 and sold for Rs. 650, what is the percentage profit?

a) 20%

b) 25%

c) 30%

d) 35%

Answer: b) 25%

26. If A's income is 20% more than B's, then B's income is what percentage less than A's?

a) 16.67%

b) 18%

c) 20%

d) 25%

Answer: a) 16.67%

27. If the ratio of boys to girls in a school is 3:2, what percentage of the total students are boys?

a) 30%

b) 40%

c) 50%

d) 60%

Answer: d) 60%

28. A city's population increased from 2,00,000 to 2,50,000 in 2 years. What is the percentage

increase?

a) 20%

b) 25%

c) 30%

d) 35%

Answer: b) 25%

29. In an election, a candidate gets 65% of the total votes and wins by 3000 votes. How many total

votes were cast?

a) 5000

b) 6000

c) 8000

d) 9000

Answer: c) 8000

30. The price of an article is reduced by 30%. By what percentage must the new price be increased

to restore the original price?

a) 30%

b) 42.85%

c) 50%

d) 60%

Answer: b) 42.85%

31. If a number is increased by 50% and then decreased by 50%, what is the net percentage

change?

a. 0%

b. 25% decrease

c. 50% decrease

d. 75% decrease

Answer: b. 25% decrease

32. If A is 20% taller than B, then B is shorter than A by:

a. 16.67%

b. 18%

c. 20%

d. 25%

Answer: a. 16.67%

33. If 30% of a number is 90, what is 60% of the same number?

a. 120

b. 150

c. 180

d. 200

Answer: c. 180

34. A person spends 75% of his income and saves Rs.5000. What is his total income?

a. Rs.15,000

b. Rs.18,000

c. Rs.20,000

d. Rs.25,000

Answer: c. Rs.20,000

35. The price of petrol increases by 20%. By what percentage should consumption be

reduced to maintain the same expense?

a. 16.67%

b. 18%

c. 20%

d. 25%

Answer: a. 16.67%

36. The price of a TV was first increased by 20% and then decreased by 10%. What is the

overall percentage change?

a. 8% increase

b. 10% increase

c. 10% decrease

d. No change

Answer: a. 8% increase

37. A shopkeeper marks an item 25% above the cost price and gives a 20% discount. What is

his profit/loss percentage?

a. 0%

b. 2% profit

c. 5% profit

d. 10% loss

Answer: b. 2% profit

38. If the cost price of an article is Rs.500 and it is sold at a loss of 20%, what is the selling

price?

a. Rs.350

b. Rs.375

c. Rs.400

d. Rs.450

Answer: c. Rs.400

39. If a salary is increased by 10% and then decreased by 10%, what is the final percentage

change?

a. 0%

b. 1% decrease

c. 1% increase

d. 2% decrease

Answer: b. 1% decrease

40. A student needs 40% marks to pass. He gets 200 marks and fails by 20 marks. What are

the total marks?

a. 500

b. 550

c. 600

d. 650

Answer: c. 600

41. A man spends 20% of his salary on rent, 30% on food, and 10% on transport. If he saves

Rs.18,000, what is his salary?

a. Rs.40,000

b. Rs.45,000

c. Rs.50,000

d. Rs.55,000

Answer: c. Rs.50,000

42. The cost of an item is first increased by 30% and then decreased by 30%. What is the

overall percentage change?

a. 0%

b. 9% decrease

c. 9% increase

d. 15% decrease

Answer: b. 9% decrease

43. The population of a town increases by 10% every year. If the current population is 10,000,

what will it be after 3 years?

a. 13,310

b. 13,500

c. 14,000

d. 14,200

Answer: a. 13,310

44. If 15% of A is equal to 20% of B, then A:B is:

a. 3:4

b. 4:3

c. 3:5

d. 5:3

Answer: b. 4:3

45. If the cost price of an item is Rs.800 and the profit made is 25%, what is the selling price?

a. Rs.900

b. Rs.1000

c. Rs.1050

d. Rs.1100

Answer: b. Rs.1000

46. If the cost price (CP) of an item is Rs.200 and the selling price (SP) is Rs.250, what is the

profit percentage?

a. 20%

b. 25%

c. 30%

d. 40%

Answer: b. 25%

47. A man sells an article for Rs.720 at a profit of 20%. Find the cost price.

a. Rs.600

b. Rs.620

c. Rs.650

d. Rs.700

Answer: a. Rs.600

48. A shopkeeper sells an item at a loss of 15%. If the cost price is Rs.500, find the selling

price.

a. Rs.400

b. Rs.425

c. Rs.450

d. Rs.475

Answer: c. Rs.450

49. A man purchased a cycle for Rs.1500 and sold it at a loss of 10%. What was the selling

price?

a. Rs.1200

b. Rs.1300

c. Rs.1350

d. Rs.1400

Answer: c. Rs.1350

50. A trader marks his goods at 30% above the cost price and allows a discount of 10%. What

is his gain percent?

a. 17%

b. 18%

c. 19%

d. 20%

Answer: b. 18%