

Name : Abhay Dnyanoba Chavan

PRN: 250240520001

Topic : Percentage & Profit & Loss question Bank

Deadline: Monday 10th March

1. What is 25% of 200?

25

50 RIGHT

75\

100

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

100\

150\

200\ right

250

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

175

200 right

225\

250

4. What is 15% of 120?

12\

15\

18\ right

20

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

200\

250\

300\ Right

350

6. The price of a product increases from ₹200 to ₹250. What is the percentage increase?

20%\

25%\ Right

30%\

35%

7. A salary increases from ₹40,000 to ₹50,000. What is the percentage increase?

20%\

25%\ true

30%\

35%

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

10%\

15%\

20%\ Right

25%

9. A book's price drops from ₹500 to ₹400. What is the percentage decrease?

10%\

15%\

20%\ Right

25%

10. If the cost price of an item is ₹600 and the selling price is ₹450, what is the percentage loss?

20%\

22.5%\

25%\ Right

30%

Section 3: Percentage Comparison

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

30% of 400\

40% of 300\

Both are equal\ Right

Cannot be determined

12. A person spends 60% of his income and saves ₹8,000. What is his total income?

₹15,000\

₹18,000\

₹20,000\ Right

₹25,000

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

20%\

16.67%\ Right

25%\

10%

14. If the price of sugar is increased by 25%, by how much should the consumption be reduced to maintain the same expense?

20%\ Right

25%\

30%\

15%

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

28.57%\ Right

30%\

33.33%\

40%

16. The price of an item is increased by 20% and then decreased by 10%. What is the net percentage change?

8% increase\ Right

8% decrease\

10% increase\

10% decrease

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

4% increase\ Right

8% increase\

10% increase\

12% increase

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

0%\ Right

5% increase\

10% decrease\

5% decrease

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

2% increase\

10% increase\

10% decrease\

2% decrease Right

20. The salary of a person is first increased by 20% and then decreased by 10%. What is the overall percentage change?

8% increase\ Right

10% increase\

10% decrease\

No change

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

100%\

125%\ Right

150%\

175%

22. A shopkeeper allows a discount of 10% on the marked price and still makes a profit of 8%. If the marked price is ₹500, what is the cost price?

₹400\ ans is 416.....

₹420\ if MP is 480 then CP 400

₹450\ : the option is available

₹460

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

16.67%\ Right

18%\

20%\

22%

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

15%\

20%\ Right

25%\

30%

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

20% \

25% \

30% \ Right

35%

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

16.67% RIGHT

18%

20%

25%

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

30%

40%

50%

60% Right

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

20%

25% Right

30%

35%

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

5000

6000

8000

9000

10000 Right

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

30%

42.85% RIGHT

50%

60%

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

0%

25% decrease RIGHT

50% decrease

75% decrease

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

16.67% RIGHT

18%

20%

25%

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

120

150

180 RIGHT

200

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

₹15,000

₹18,000

₹20,000 RIGHT

₹25,000

35. The price of petrol increases by 20%. By what percentage should consumption be reduced to maintain the same expense?

16.67% RIGHT

18%

20%

25%

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

8% increase RIGHT

10% increase

10% decrease

No change

37. A shopkeeper marks an item 25% above the cost price and gives a 20% discount. What is his profit/loss percentage?

0% RIGHT

2% profit

5% profit

10% loss

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

₹350

₹375

₹400 RIGHT

₹450

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

0%

1% decrease RIGHT

1% increase

2% decrease

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

500

550 RIGHT

600

650

41. A man spends 20% of his salary on rent, 30% on food, and 10% on transport. If he saves ₹18,000, what is his salary?

₹40,000

₹45,000 RIGHT

₹50,000

₹55,000

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

0%

9% decrease RIGHT

9% increase

15% decrease

43. 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 RIGHT

b) 13,500

c) 14,000

d) 14,200

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

a) 3:4

b) 4:3 RIGHT

c) 3:5

d) 5:3

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

- a) ₹900
- b) ₹1000 RIGHT
- c) ₹1050
- d) ₹1100

46) If the cost price (CP) of an item is ₹200 and the selling price (SP) is ₹250, what is the profit percentage?

- a) 20%
- b) 25% RIGHT
- c) 30%
- d) 40%

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

- a) ₹600 RIGHT
- b) ₹620
- c) ₹650
- d) ₹700

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

- a) ₹400
- b) ₹425 RIGHT
- c) ₹450
- d) ₹475

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

- a) ₹1200
- b) ₹1300
- c) ₹1350 RIGHT
- d) ₹1400

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% RIGHT
- b) 18%
- c) 19%
- d) 20%