Topic : Percentage & Profit & Loss question Bank

Deadline: Monday 10th March

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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\

₹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%