**Topic : Percentage & Profit & Loss question Bank**

**Deadline: Monday 10th March**

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1. What is 25% of 200?
   1. 25
   2. **50 == Correct**
   3. 75\
   4. 100
2. If 40% of a number is 80, what is the number?
   1. 100\
   2. 150\
   3. **200\ == Correct**
   4. 250
3. 75% of a number is 150. What is the number?
   1. 175
   2. **200 == Correct**
   3. 225\
   4. 250
4. What is 15% of 120?
   1. 12\
   2. 15\
   3. **18\ == Correct**
   4. 20
5. If 30% of a number is 90, then the number is:\
   1. 200\
   2. 250\
   3. **300\ == Correct**
   4. 350
6. The price of a product increases from ₹200 to ₹250. What is the percentage increase?\
   1. 20%\
   2. **25%\ == Correct**
   3. 30%\
   4. 35%
7. A salary increases from ₹40,000 to ₹50,000. What is the percentage increase?\
   1. 20%\
   2. **25%\ == Correct**
   3. 30%\
   4. 35%
8. The population of a town decreased from 10,000 to 8,000. What is the percentage decrease?\
   1. 10%\
   2. 15%\
   3. **20%\ == Correct**
   4. 25%
9. A book's price drops from ₹500 to ₹400. What is the percentage decrease?\
   1. 10%\
   2. 15%\
   3. **20%\ == Correct**
   4. 25%
10. If the cost price of an item is ₹600 and the selling price is ₹450, what is the percentage loss?\
    1. 20%\
    2. 22.5%\
    3. **25%\ == Correct**
    4. 30%
11. ### \*\*Section 3: Percentage Comparison\*\*
12. Which is greater: 30% of 400 or 40% of 300?\
    1. 30% of 400\
    2. 40% of 300\
    3. **Both are equal\ == Correct**
    4. Cannot be determined
13. A person spends 60% of his income and saves ₹8,000. What is his total income?\
    1. ₹15,000\
    2. ₹18,000\
    3. **₹20,000\ == Correct**
    4. ₹25,000
14. If A is 20% more than B, then B is how much less than A?\
    1. 20%\
    2. 16.67%\
    3. **25%\ = = Correct**
    4. 10%
15. If the price of sugar is increased by 25%, by how much should the consumption be reduced to maintain the same expense?\
    1. **20%\ == Correct**
    2. 25%\
    3. 30%\
    4. 15%
16. If A’s income is 40% more than B’s income, then B’s income is what percentage less than A’s?\
    1. **28.57%\ == Correct**
    2. 30%\
    3. 33.33%\
    4. 40%
17. The price of an item is increased by 20% and then decreased by 10%. What is the net percentage change?\
    1. **8% increase\ ==Correct**
    2. 8% decrease\
    3. 10% increase\
    4. 10% decrease
18. A number is increased by 30% and then decreased by 20%. What is the final percentage change?\
    1. **4% increase\ == Correct**
    2. 8% increase\
    3. 10% increase\
    4. 12% increase
19. If the population of a city increases by 25% and then decreases by 20%, what is the net percentage change?\
    1. **0%\ == Correct**
    2. 5% increase\
    3. 10% decrease\
    4. 5% decrease
20. If a price increases by 40% and then decreases by 30%, the final change is:\
    1. 2% increase\
    2. 10% increase\
    3. 10% decrease\
    4. **2% decrease === Correct**
21. The salary of a person is first increased by 20% and then decreased by 10%. What is the overall percentage change?\
    1. **8% increase\ == Correct**
    2. 10% increase\
    3. 10% decrease\
    4. No change
22. If an article is sold at a profit of 25%, then the selling price is what percentage of the cost price?\
    1. 100%\
    2. **125%\ == Correct**
    3. 150%\
    4. 175%
23. 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?\
    1. ₹400\
    2. **₹420\ == Correct**
    3. ₹450\
    4. ₹460
24. If the profit is 20% of the cost price, then what is the profit percentage on the selling price?
    1. **16.67%\ ==Correct**
    2. 18%\
    3. 20%\
    4. 22%
25. A product is marked at ₹1,200 and sold for ₹960. What is the percentage discount given?
    1. 15%\
    2. **20%\ === Correct**
    3. 25%\
    4. 30%
26. If an article is bought for ₹500 and sold for ₹650, what is the percentage profit?
    1. 20%\
    2. 25%\
    3. **30%\ == Correct**
    4. 35%
27. .If A’s income is 20% more than B’s, then B’s income is what percentage less than A’s?
    1. **16.67% == Correct**
    2. 18%
    3. 20%
    4. 25%

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

* 1. 30%
  2. 40%
  3. 50%
  4. **60% ==Correct**

1. A city’s population increased from 2,00,000 to 2,50,000 in 2 years. What is the percentage increase?
   1. 20%
   2. **25% ==Correct**
   3. 30%
   4. 35%
2. In an election, a candidate gets 65% of the total votes and wins by 3000 votes. How many total votes were cast?
   1. 5000
   2. 6000
   3. 8000
   4. 9000
   5. **10000 == Correct**
3. The price of an article is reduced by 30%. By what percentage must the new price be increased to restore the original price?
   1. 30%
   2. **42.85% ==Correct**
   3. 50%
   4. 60%
4. If a number is increased by 50% and then decreased by 50%, what is the net percentage change?
   1. 0%
   2. **25% decrease ==Correct**
   3. 50% decrease
   4. 75% decrease
5. If A is 20% taller than B, then B is shorter than A by:
   1. **16.67% == Correct**
   2. 18%
   3. 20%
   4. 25%
6. If 30% of a number is 90, what is 60% of the same number?
   1. 120
   2. 150
   3. **180 == Correct**
   4. 200
7. A person spends 75% of his income and saves ₹5000. What is his total income?
   1. ₹15,000
   2. ₹18,000
   3. **₹20,000 === Correct**
   4. ₹25,000
8. The price of petrol increases by 20%. By what percentage should consumption be reduced to maintain the same expense?
   1. **16.67% == Correct**
   2. 18%
   3. 20%
   4. 25%
9. The price of a TV was first increased by 20% and then decreased by 10%. What is the overall percentage change?
   1. **8% increase == Correct**
   2. 10% increase
   3. 10% decrease
   4. No change
10. A shopkeeper marks an item 25% above the cost price and gives a 20% discount. What is his profit/loss percentage?
    1. **0% == Correct**
    2. 2% profit
    3. 5% profit
    4. 10% loss
11. If the cost price of an article is ₹500 and it is sold at a loss of 20%, what is the selling price?
    1. ₹350
    2. ₹375
    3. **₹400 == Correct**
    4. ₹450
12. If a salary is increased by 10% and then decreased by 10%, what is the final percentage change?
    1. 0%
    2. **1% decrease == Correct**
    3. 1% increase
    4. 2% decrease
13. A student needs 40% marks to pass. He gets 200 marks and fails by 20 marks. What are the total marks?
    1. 500
    2. **550 == Correct**
    3. 600
    4. 650
14. 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?
    1. ₹40,000
    2. **₹45,000 == Correct**
    3. ₹50,000
    4. ₹55,000
15. The cost of an item is first increased by 30% and then decreased by 30%. What is the overall percentage change?
    1. 0%
    2. **9% decrease == Correct**
    3. 9% increase
    4. 15% 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 == Correct**

b) 13,500

c) 14,000

d) 14,200

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

a) 3:4

b**) 4:3 == Correct**

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 == Correct**

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% == Correct**

c) 30%

d) 40%

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

a**) ₹600 ==Correct**

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 ==Correct**

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 == Correct**

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% == Correct**

b) 18%

c) 19%

d) 20%