Topic : Percentage & Profit & Loss question Bank
Deadline: Monday 10th March
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1. What is 25% of 200?

    a) 25

    b) 50\

    c) 75\

    d) 100
    ANS—B)50

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

    a) 100\

    b) 150\

    c) 200\

    d) 250

        ANS--- C)200

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

    a) 175

    b) 200

    c) 225\

    d) 250

        ANS----B)200

4. What is 15% of 120?

    a) 12\

    b) 15\

    c) 18\

    d) 20

        ANS----C)18

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

    a) 200\

    b) 250\

    c) 300\

    d) 350

---ANS---C)300

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

    a) 20%\

    b) 25%\

    c) 30%\

    d) 35%
    ANS—B)25%

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

    a) 20%\

    b) 25%\

    c) 30%\

    d) 35%
    ANS---B

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%

        ANS---C

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

    a) 10%\

    b) 15%\

    c) 20%\

    d) 25%
    ANS--C

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

    a) 20%\

    b) 22.5%\

    c) 25%\

    d) 30%

ANS---C

1. ### **Section 3: Percentage Comparison**

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
    --ANS -- B

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

    a) ₹15,000\

    b) ₹18,000\

    c) ₹20,000\

    d) ₹25,000
    ANS---C

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%

       ANS---- B

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

    a) 20%\

    b) 25%\

    c) 30%\

    d) 15%

       ANS--C

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%

ANS- A

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

   a) 8% increase\

   b) 8% decrease\

   c) 10% increase\

   d) 10% decrease
   ANS--- B

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
   ANS--- A

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

   a) 0%\

   b) 5% increase\

   c) 10% decrease\

   d) 5% decrease

   ANS-- D

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

   ANS--A

20. The salary of a person is 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

ANS--A

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%
    ANS-- B

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?\
    a) ₹400\
    b) ₹420\
    c) ₹450\
    d) ₹460

    ANS--B

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%
    ANS-- A

24. A product is marked at ₹1,200 and sold for ₹960. What is the percentage discount given?
    a) 15%\
    b) 20%\
    c) 25%\
    d) 30%
    ANS--B

25. If an article is bought for ₹500 and sold for ₹650, what is the percentage profit?
    a) 20%\
    b) 25%\

c) 30%\

d) 35%

ANS--C

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%

ANS---A

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

e) 30%

f) 40%

g) 50%

h) 60%

ANS---- D

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%

ANS -- B

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

ANS—D

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%
ANS---B

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
ANS---B

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

    a. 16.67%

    b. 18%

    c. 20%

    d. 25%
ANS----A

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

    a. 120

    b. 150

    c. 180

    d. 200

ANS-- C

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

    a. ₹15,000

    b. ₹18,000

    c. ₹20,000

    d. ₹25,000

ANS-- C

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%
ANS-- A

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

ANS- A

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

    ANS--- A

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

    a. ₹350

    b. ₹375

    c. ₹400

    d. ₹450

       ANS--- C

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

ANS--- B

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

    ANS-- B

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?

  a. ₹40,000

  b. ₹45,000

  c. ₹50,000

  d. ₹55,000

   ANS-- C

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

  ANS-- B

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
ANS----A

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
ANS-- B

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
c) ₹1050
d) ₹1100
ANS-- B

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%
c) 30%
d) 40%
ANS--- B

47) A man sells an article for ₹720 at a profit of 20%. Find the cost price.
a) ₹600

b) ₹620
c) ₹650
d) ₹700
ANS--- A

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
c) ₹450
d) ₹475
ANS---B

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
d) ₹1400
ANS---C

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%
ANS---A