(Topics: Profit & Loss and Percentages.)   Time: 75 Minutes.

1. Cost Price of 6 items = Selling Price of 4 items. Find the profit or loss %?
    a) 25% Profit   b)   25% Loss   c)   33.33% Profit
    d) 33.33% Loss   e)   50% Profit

2. 12 marbles are sold at a rupee and there is a loss of 20 %. To gain 20%, they should be sold at
    a) 4 for a rupee   b)   6 for a rupee   c)   7 for a rupee
    d) 8 for a rupee   e)   9 for a rupee

3. A man sold 33 meters of cloth at a profit equal to selling price of 11 meters. Find the profit %?
    a) 20%   b)   25%   c)   33.33%
    d) 50%   e)   66.66%

4. At a furniture store 1/3ʳᵈ of Tables were sold for $12.5. No buyers were found for the remaining 42 tables. What was the revenue in $ from the sold tables?
    a) $225   b) $262.5   c) $205
    d) $242.5   e) $267.5

5. The profit made by selling the item at $210 is the same as the loss made by selling the item at $180. Find the cost price of the item?
    a) 145   b)   195   c)   185
    d) 245   e)   None

6. John sold 2 pens @ $10 each. On one, he gained 25% and on the other lost 25%. What is the amount of his overall loss?
    a) $1.25   b) $1.33   c) $2.00
    d) $3.00   e) $4.00

7. A dishonest shopkeeper used 950 gm weight for a Kg. Find the % of profit?
    a) $5 \frac{1}{19}\%$ b)   6%   c) $5 \frac{5}{19}\%$
    d) $6 \frac{2}{3}\%$ e) $7 \frac{1}{3}\%$

8. What is the difference between a 40% discount and 2 successive discounts of 36% and 4% on $500?
    a) $1.44   b) $3.60   c) $5.40
    d) $7.20   e) $9.60

9. A man sold a car for Rs. 3,24,000 and gained 80%. In order to gain 20%, he should decrease the selling price by how many Rupees?
    a) Rs. 10,800   b)   Rs. 1,08,000   c)   Rs. 1,80,000
    d) Rs. 1,92,000   e)   Rs. 1,32,000

10. Sunil sold 2 pens at Rs. 20 each. On one he gained 25%, but on the other lost 25%. What is the amount of his overall loss?
    a) Rs. 2.66   b)   Rs. 3.25   c)   Rs. 5
    d) Rs. 6   e)   Rs. 7.5

11. A dealer fixed the Marked Price at 60% above cost price. If the discount is 30% what is the profit percent?
    a) 12%   b)   16%   c)   20%
    d) 24%   e)   36%

12. A man sold 36 pencils at a loss equal to selling price of 4 pencils. Find the loss %?
   a) 10%
   b) 11.11%
   c) 12.5%
   d) 15%
   e) 20%

13. Cost price (CP) of a shirt is Rs. 900. A dealer gives a discount of 10%, still made a profit of 10%. Find Marked Price (MP)?
   a) 1088
   b) 1089
   c) 1100
   d) 1160
   e) 1200

14. Peter got 30% of the maximum marks in an examination and failed by 10 marks. However, Paul who took the same examination got 40% of the total marks and got 15 marks more than the passing marks. What was the passing mark in the examination?
   a) 75
   b) 80
   c) 85
   d) 90
   c) 70

15. A builder spends 55% of his budget on material, 35% on Wages and remaining on petrol. If the cost of material increases by 10%, Wages increase by 20% and petrol decreases by 15%, what is the % increase in his budget?
   a) 10%
   b) 11%
   c) 14.45%
   d) 16.66%
   e) 20%

16. A boy gets 10% of the total marks in an exam, but fails by 45 marks. A girl gets 40% of the total marks and gets a mark more than the passing mark. Find the pass %?
   a) 32%
   b) 33.33%
   c) 35%
   d) 40%
   e) 42%

17. In a class of 120, 60% can speak English and the remaining only Hindi. 25% of those who can speak English can also speak Hindi. How many can speak Hindi?
   a) 48
   b) 60
   c) 66
   d) 72
   e) 90

18. 3×10^4 is what % more than 4×10^3?
   a) 230%
   b) 86.66%
   c) 350%
   d) 650%
   e) 667%

19. A music teacher gets 40% less salary than a sports teacher. Sports teacher's salary is what % more than music teacher?
   a) 66.66%
   b) 33.33%
   c) 28.57%
   d) 50%
   e) 75%

20. If the price of mangoes is reduced by 20%, a man can buy 2.5 Kg more mangoes for a fixed budget of Rs. 125. Find the original price of mangoes per kilogram?
   a) Rs. 5
   b) Rs. 7.5
   c) Rs. 12.5
   d) Rs. 15
   e) Rs. 10

21. Price of a mixer increased by 30% from Jan to Feb. It further increased by 20% from Feb to March. March Price must be reduced by what % to bring it back to the level of Jan?
   a) 56%
   b) 36%
   c) 44%
   d) 59%
   e) 62%

22. The length of a rectangle is increased by 20%, but the breadth is decreased in such a way that Area remains constant. What should be % decrease in the breadth?
   a) 16.66%
   b) 20%
   c) 33.33%
   d) 50%
   e) 66%

2

23. 7200 Liters of salt-water solution is 40% strong. To make it 36% strong, how much water should be added?
   a) 400
   d) 1600
   b) 600
   e) None
   c) 800

24. 4000 Liters sugar-water solution is 25% strong. To make it 60% strong, how much sugar should be added?
   a) 3500
   d) 4500
   b) 1750
   e) 7500
   c) 3000

25. In an election contested by two parties, Party D secured 12% of the total votes more than Party R. If party R got 132,000 votes, by how many votes did it lose the election?
   a) 24000
   d) 72000
   b) 36000
   e) 108000
   c) 60000

* * *

Key:

1) E
2) D
3) D
4) B
5) B
6) B
7) C
8) D
9) D
10) A
11) A
12) A
13) C
14) C
15) B
16) C
17) C
18) D
19) A
20) C
21) B
22) A
23) C
24) A
25) B