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VEDIC Mathematics

1) Oranges are bought at rate of 7 for Rs.3. At what rate per hundred must they be sold to gain 33%?
a) Rs.60   b) Rs.58
c) Rs.56   d) Rs.57

2) A man buys 12 articles for Rs.12 and sells them at the rate of Rs.1.25 per article. His gain percentage is :
a) 25%   b) 15%
c) 20%   d) 18%

3) 12 copies of a book were sold for Rs.1800/- thereby gaining cost price of 3 copies. The cost price of a copy is :
a) Rs.150/-   b) Rs.1200/-
c) Rs.120/-   d) Rs.1500/-

4) If I would have purchased 11 articles for Rs.10 and sold all the articles at the rate of 10 for Rs.11, the profit per cent would have been :
a) 11%   b) 21%
c) 10%   d) 100%

5) A person buys some pencils at 5 for a rupee and sells them at 3 for a rupee. His gain percent will be :
a) $76\frac{2}{3}$ %   b) $56\frac{2}{3}$ %
c) $66\frac{2}{3}$ %   d) $46\frac{2}{3}$ %

6) 100 oranges are bought for Rs.350 and sold at the rate of Rs.48 per dozen. The percentage of profit or loss is :
a) 15% gain   b) $14\frac{2}{7}$ % loss
c) 15% loss   d) $14\frac{2}{7}$ % profit

7) Oranges are bought at the rate of 10 for Rs.25 and sold at the rate of 9 for Rs.25. The profit percent is
a) 10%   b) $11\frac{1}{9}$ %
c) $9\frac{1}{11}$ %   d) $12\frac{1}{2}$ %

8) The cost price of two dozen bananas is Rs.32. After selling 18 bananas at the rate of Rs.12 per dozen, the shopkeeper reduced the rate to Rs.4 per dozen. The per cent loss is
a) 32.4%   b) 36.5%
c) 25.2%   d) 37.5%

9) Some articles were bought at 6 for Rs.5, and sold at 5 for Rs.6. Gain percent is :
a) 6%   b) 30%
c) 5%   d) 44%

10) Ramesh bought 10 cycles for Rs.500 each. He spent Rs.2, 000 on the repair of all cycles. He sold five of them for Rs.750 each and the remaining for Rs.550 each. Then the total gain or loss % is
a) Loss of $8\frac{1}{3}$ %   b) Gain of $7\frac{2}{3}$ %
c) Gain of $8\frac{1}{3}$ %   d) Loss of $7\frac{1}{7}$ %

11) On selling 17 balls at Rs.720, there is a loss equal to the cost price of 5 balls. The cost price of a ball is :
a) Rs.50   b) Rs.60
c) Rs.45   d) Rs.55

12) I purchased 120 exercise books at the rate of Rs.3 each and sold $\frac{1}{3}$ of them at the rate of Rs.4 each, $\frac{1}{2}$ of them at the rate of Rs.5 each and the rest at the cost price. My profit percent was
a) $44\frac{4}{9}$ %   b) $44\frac{2}{3}$ %
c) 44%   d) 45%

13) A person bought some articles at the rate of 5 per rupee and the same number at the rate of 4 per rupee. He mixed both the types and sold at the rate of 9 for 2 rupees. In this business he suffered a loss of Rs.3. The total number of articles bought by him was
a) 1080   b) 540
c) 1090   d) 545

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14) A man bought pencils at the rate of 6 for Rs.4 and sold them at the rate of 4 for Rs.6. His gain% in the transaction is :
a) 80%   b) 125%
c) 75%   d) 100%

15) Ravi buys some toffees at 2 for a rupee and sells them at 5 for a rupee. His loss percent is
a) 90%   b) 30%
c) 120%   d) 60%

16) A fruit seller buys lemons at 2 for a rupee and sells them at 5 for three rupees. His profit per cent is
a) 15%   b) 20%
c) 10%   d) 25%

17) By selling a tape-recorder Rs. for 950, I lose 5%. What per cent shall I gain by selling it for Rs.1040?
a) 4   b) 4.5
c) 5   d) 9

18) A person buys 100 cups at Rs.10 each. On the way 10 cups are broken. He sells the remaining cups at Rs.11 each. His loss percent is
a) 1%   b) $1\frac{1}{2}$%
c) $\frac{1}{2}$%   d) 2%

19) Mohan bought 25 books for Rs.2, 000 and sold them at a profit equal to the selling price of 5 books. The selling price of 1 book is
a) Rs.120   b) Rs.150
c) Rs.100   d) Rs.200

20) A shop man bought pens at the rate of 7 for Rs.10 and sold them at a profit of 40%. How many pens would a customer get for Rs.10 ?
a) 4   b) 5
c) 6   d) 3

21) By selling 12 oranges for Rs.60, a man loses 25%. The number of oranges he has to sell for Rs.100, so as to gain 25% is
a) 11   b) 12
c) 10   d) 15

22) A man buys a certain number of oranges at 20 for Rs.60 and an equal number at 30 for Rs.60. He mixes them and sells them at 25 for Rs.60. What is gain or loss percent ?
a) Loss of 4%   b) Neither gain nor loss
c) Gain of 4%   d) Loss of 5%

23) A fruit vendor bought bananas at the rate of 5 for a rupee and sold those 4 for a rupee. The percent gain or loss is
a) 25% loss   b) 25% gain
c) $12\frac{1}{2}$ % gain   d) $12\frac{1}{2}$ % loss

24) A man sold 20 apples for Rs.100 and gained 20%. How many apples did he buy for Rs.100?
a) 22   b) 24
c) 20   d) 25

25) A man purchased some eggs at 3 for Rs.5 and sold them at 5 for Rs.12. Thus he gained Rs.143 in all. The number of eggs he bought is
a) 200   b) 195
c) 210   d) 190

26) A man bought oranges at the rate of 8 for Rs.34 and sold them at the rate of 12 for Rs.57. How many oranges should be sold to earn a net profit of Rs.45 ?
a) 100   b) 135
c) 90   d) 150

27) A person bought 50 pens for 50 each. He sold 40 of them at a loss of 5%. He wants to gain 10% on the whole. Then his gain percent on the remaining pens should be
a) 40%   b) 50%
c) 15%   d) 70%

28) If toys are bought at Rs.5 each and sold at Rs.4.50 each, then the loss percent is :
a) 11%   b) 12%
c) 10%   d) 13%

29) By selling 14 watches of equal cost price at the rate of Rs.450 each, there is a profit equal to the cost price of 4 watches. The cost price of a watch is
a) Rs.360   b) Rs.375
c) Rs.350   d) Rs.400

30) A man buys some articles at Rs. P per dozen and sells them at Rs. $\frac{P}{8}$ per piece. His profit per cent is
a) 40%   b) 50%
c) 30%   d) 60%