Profit & Loss

Profit and Loss



Placement for All., All for Placement

This Video Completely covers the problems on "Profit and Loss" which is more than sufficient for all kind of placement Exams eg: TCS/WIPRO/AMCAT/ELITMUS/CoCubes and all other placement Exams.

Profit and Loss by : Pratik Shrivastava(10 years of industry experience and best Aptitude trainer)

Profit and Loss

<u>Cost Price</u>-The price at which an article is purchased is called its cost price (C.P.) <u>Selling Price</u>-The price at which the article is sold is called its selling price (S.P.) Marked Price- The price which is marked for the article.

- If the cost price (C.P.) of the article is equal to the selling price (S.P.), Then there is no loss or gain.
- If the selling price (S.P.) > cost price (C.P.), then the seller is said to have a profit or gain,

Gain or Profit = S.P. - C.P.

If the cost price (C.P.) > selling price (S.P.), then the seller is said to have a loss,
 Loss = C.P. - S.P.

Profit and Loss

- % profit = profit/CP * 100
- 2. % profit= (SP CP) /CP * 100
- 3. % profit = profit /CP * 100
- 4. %loss= loss/CP*100
- 5. SP = CP * (100+ %profit) /100
- 6. SP = CP * (100- %loss) /100

- Q1) A man buys an item at Rs. 1100 and sells it at the profit of 30 percent. Then what is the selling price of that item
- A) Rs. 1210 B) Rs. 1430
- C) Rs. 1640 D) Rs. 1520

Solution:

CP = 110075
1. Profit = 301. SP= CP x (100+1 profit) = 1100 × (100+30)V = 11 × 130

= 11×13

Profit and Loss

- Q2.) A man buys an item at Rs. 1200 and sells it at the loss of 20 percent. Then what is the selling price of that item
- A) Rs. 660 B) Rs. 760
- C) Rs. 860 D) Rs. 960

Solution:

108= 201.

SP= CP x (100-1(08) = 1200× (100-20)

1430

= 1200 × 80 = (960

Profit and Loss

- Q3. Sachin bought an item at Rs. 1500 and sold it at a price of Rs. 1800. find out the profit percentage.
- A) 10%
- B) 15%

JCP = 1500 xs

C) 20%

D) 25%

1SP= 18008S

Solution:

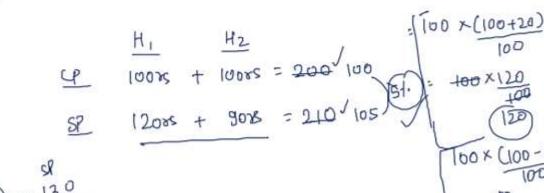
1. Profit = profit x100 = 300 × 100 20%

profit: Sp-CP : 1800-1500

300

Q4) A man bought two hens at the same price and sold one at a gain of 20% and other at the loss of 10%. On the whole the man will

(1) 5% Gain (2)4% Lose (3) Neither gain or lose (4) None of these Solution:



Profit and Loss

Q5) A man sells two borses at the same price and from one he gains 20% and from another loss of 20%. On the whole the man will

(1) 5% Gain (2)4% Loss (3) Neither gain or lose (4) None of these

Solution: (Trick) /

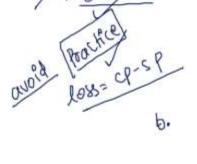
- · If two articles are sold at same price, one at a loss of R% and another at a profit of R%, there will always be a net loss of R2/100.
- => Net loss = 20² /100 = 4%

CP> 220

Profit and Loss

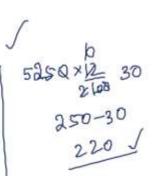
Q6. If a shopkeeper sold a certain article at rs.220 and incurs a loss of 12%. Find the cost price of an article. (formula)

a)195 ers b)250rs c)246.4rs d)200rs



$$\frac{(e)}{\sqrt{SP = 220}}$$

$$\frac{\sqrt{SP = 220}}{\sqrt{SP = 220}}$$



TOO x (100-90)

Q7.)If the cost price is 25% of selling price. Then what is the profit percent.

Answer:

Profit and Loss

Q8) Alfred buys an old scooter for Rs. 4700 and spends Rs. 800 on its repairs. If he sells the scooter for Rs. 5800, his gain percent is.

a) 6/19% b)6/17% c)5 5/11% d)3 5/11%

Solution:

Profit and Loss

Q9) Akhil purchased 70kg vegetable at Rs. 420, then sold them at the rate of Rs.

Solution:

ution:
$$*70 \text{ kg} - 420$$
 $*70 \text{ kg} - 420$
 $*50 \text{ leg}$
 $*50 \text{ leg}$
 $*50 \text{ leg}$
 $*50 \text{ kg} - 50 \text{ leg}$
 $*50 \text{ kg} - 50 \text{ leg}$

Q10.) A book was sold for Rs 27.50 with a profit of 10%. If it were sold for Rs. 25.75, then would have been percentage of profit and loss?/

a) 2% Profit b) 3% Profit c) 2% Loss d) 3% Loss

Solution:

SP₁ =
$$27.50$$
 | SP₂ = 25.75 | SP₂ = 25

Profit and Loss

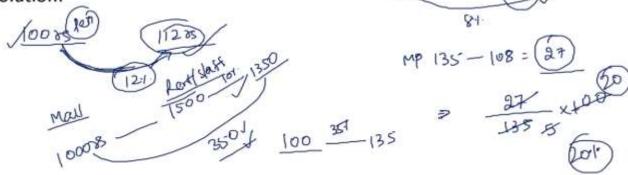
Q11) A shopkeeper fixes the marked price of an item 35% above its cost price.

J CP=100rs/

The percentage of discount allowed to gain 8% is



Solution:



Profit and Loss

V.V.S Q12) A person sold two cows each for Rs.9900. If he gained 10% on one and lost 20% on the other, then which of the following is true?

Solution:

$$SP_{1} = 9900 + SP_{2} = 9900 \Rightarrow SP_{1} = 9000 + 12375$$

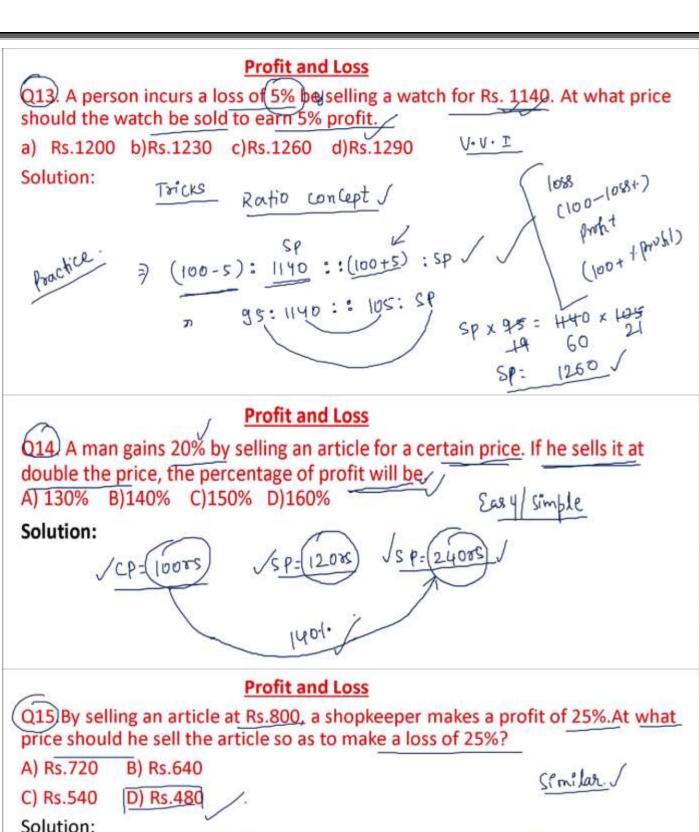
$$SP_{2} = P \times (100 + 7 + 100 + 1)$$

$$SP_{3} = P \times (100 + 7 + 100 + 1)$$

$$SP_{4} = P \times (100 + 7 + 100 + 1)$$

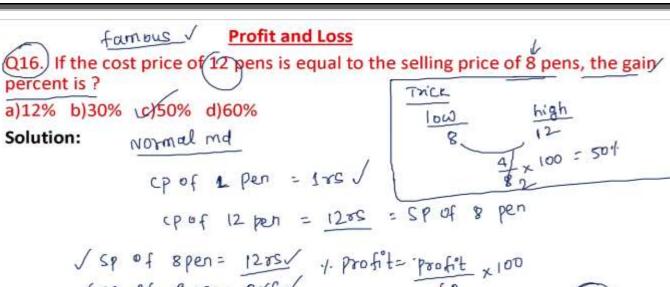
$$SP_{5} = P \times (100 - 20)$$

$$SP_{5} = P$$



800:125 ::

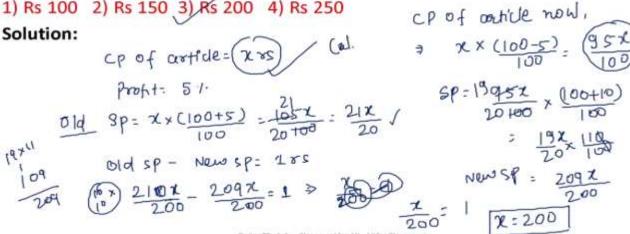
160 × 3 -5 = 860 × 75 = 125 × SP



Q17.) A man bought an article and sold it at a gain of 5 %. If he had bought it at 5% less and sold it for Re 1 less, he would have made a profit of 10%. The C.P. of the article was

1) Rs 100 2) Rs 150 3) Rs 200 4) Rs 250

Solution:



Profit and Loss

Q18. A producer of tea blends two varieties of tea from two tea gardens one costing Rs 18 per kg and another Rs 20 per kg in the ratio 5:3. If he sells the blended variety at Rs 21 per lg, then his gain percent is

a)22% b)13% c)14% d)15%

Solution:

