

## Partnership - Solved Examples

**Q 1 - If an amount of Rs. 100000 and 150000 invested by two person A and B respectively. If the earned profit of Rs. 24000 than what should be the share of A and B?**

A - Rs 8600, Rs 12400

B - Rs 9600, Rs 14400

C - Rs 10600, Rs 15400

D - Rs 11600, Rs 16400

**Answer - B**

**Explanation**

Ratio of investment of A and B = 100000 : 150000 = 2:3

Share of A =  $(24000 \times \frac{2}{5})$  = Rs. 9600

Share of B =  $(24000 \times \frac{3}{5})$  = Rs. 14400

**Q 2 - If an amount of Rs. 20000 and Rs. 25000 invested by two partners in a business. But B left the business hand C joined the business with the capital of Rs. 15000 after the period of 4 year. An amount of Rs. 46000 earned as profit by the firm then what should be the share in profit of C?**

A - Rs. 12000

B - Rs. 11000

C - Rs. 10000

D - Rs. 9000

**Answer - A**

**Explanation**

$$A : B : C = (2000 \times 12) : (25000 \times 12) : (15000 \times 8) = 12 : 5 : 6$$

$$\text{Share of C} = (46000 \times \frac{6}{23}) = \text{Rs. } 12000$$

**Q 3 - Partners of a firms are A, B and C. Conditions of investments are: twice the A investment is equal to thrice the capital of B and the capital of B is four times in the comparison of C capital. What should be the share in profit of B if profit earned by Rs. 297000?**

A - Rs 108000

B - Rs 118000

C - Rs 128000

D - Rs 138000

**Answer - A**

**Explanation**

If capital of C be Rs.  $x$  . then Capital of B =  $4x$  Rs.

$$2(\text{A's capital}) = 3(\text{B's capital}) = \text{Rs. } (3 \times 4x) = \text{Rs. } 12x$$

$$\therefore \text{A's capital} = \text{Rs. } 6x$$

$$\Rightarrow \text{A's capital} + \text{B's capital} + \text{C's capital} = 11x = 297000$$

$$\Rightarrow x = 27000$$

$$\therefore \text{B's share: } 4x = \text{Rs } 108000$$

**Q 4 - With an amount of Rs. 21000 started business by A. after some time , B joined the business by investing amount of Rs. 36000. If profit of the firm divided equally between them then find out how many month after B join the business?**

A - 1

B - 5

C - 3

D - 4

**Answer - B**

**Explanation**

We assume that after the period of x month B joined the business.

Capital of A =  $(21000 \times 12) = \text{Rs. } 252000$

Capital of B =  $\{36000 \times (12-x)\} = \text{Rs. } (432000 - 36000x)$

$252000 = 432000 - 36000x \Rightarrow 36000x = 180000 \Rightarrow x = 5$

Hence, B joined after 5 months.

**Q 5 - If Rs. 1460 rent for a shadow hired by three person which are A,B and C. A puts in 10 cow for 20 days, B 30 cows for 8 days and C 16 cows for 9 days. How much rent paid by each partner?**

A - 300, 400, 500

B - 200, 300, 380

C - 500, 600, 360

D - 100,200, 300

**Answer - C**

**Explanation**

A, B and C paid rent in the ratio =  $(10 \times 20) : (30 \times 8) : (16 \times 9) = 25:30:18$

Rent paid by A = Rs.  $(1460 \times 25/73) = \text{Rs. } 500$

Rent paid by B = Rs.  $(1460 \times 30/73) = \text{Rs. } 600$

Rent paid By C = Rs.  $(1460 \times 18/73) = \text{Rs. } 360$