Partnership Questions and Answers for Competitive Exams Pdf

1. P, Q and R invested Rs.45000, Rs.70000 and Rs.90000 respectively to start a business. At the end of 2 years, they earned a profit of Rs.164000. What will be Q's share in the profit?

a. Rs. 36000

b. Rs. 56000

c. Rs. 64000

d. Rs. 72000 -→ B

Ans:

$$P : Q : R = 45000 : 70000 : 90000 = 9 : 14 : 18.$$

$$\therefore \text{ Q's share } = ₹\left(164000 \times \frac{14}{41}\right) = ₹\ 56000.$$

Jeeluques.com

2. Shankar started a business with an investment of Rs.120,000. After three months, Aniket joined him with an investment of Rs.190,000. They earned a profit of Rs. 17,50,000 after one year. What is Aniket's share in the profit?

a. Rs. 800000

b. Rs. 850000

c. Rs. 900000

d. Rs. 950000 -→D

Ans:

$$\text{Shankar : Aniket} = (120000 \times 12) : (190000 \times 9)$$
$$= 1440000 : 1710000 = 16 : 19.$$

$$\therefore \text{ Aniket's share } = ₹\left(1750000 \times \frac{19}{35}\right) = ₹\ 950000.$$

3. Shekhar started a business investing Rs. 25000 in 2009. In 2010, he invested an additional amount of Rs.10000 and Rajeev joined him with an amount of Rs. 35000. In 2011, Shekhar invested another additional amount of Rs. 10000 and Jain joined them with an amount of Rs. 35000. What will be Rajeev's share in the profit of Rs. 150000 earned at the end of 3 years from the start of the business in 2009?

a. Rs. 45000

b. Rs. 50000

c. Rs. 70000

d. Rs. 75000 -→B

Ans:

Shekhar : Rajeev : Jatin

$= (25000 \times 12 + 35000 \times 12 + 45000 \times 12) : (35000 \times 24) : (35000 \times 12)$

$= 1260000 : 840000 : 420000 = 3 : 2 : 1.$

$\therefore$ Rajeev's share $= ₹ \left(150000 \times \frac{2}{6}\right) = ₹ 50000.$

4. A, B and C are three partners. They altogether invested Rs. 14000 in business. At the end of the year, A got Rs. 337.50, B Rs. 1125 and C Rs. 637.50 as profit. The difference between the investment of B and A was

a. Rs.2200

b. Rs. 3200

c. Rs. 4200

d. Rs. 5250 -→D

Ans:

Ratio of investments of A, B and C = Ratio of their profits

$= 337.50 : 1125 : 637.50 = 9 : 30 : 17.$

$\therefore$ A's investment $= ₹ \left(14000 \times \frac{9}{56}\right) = ₹ 2250.$

B's investment $= ₹ \left(14000 \times \frac{30}{56}\right) = ₹ 7500.$

Hence, required difference $= ₹ (7500 - 2250) = ₹ 5250.$

5. A and B started a partnership business investing some amount in the ratio 3 : 5. C joined them after six months with an amount equal to that of B. In what proportion should the profit at the end of one year be distributed among A, B and C?

a. 3 : 5 : 2

b. 3 : 5 : 5

c. 6 : 10 : 5

d. Data inadequate -→C

Ans:

Let the investment by A and B be ₹ $3x$ and ₹ $5x$.

$\therefore$ Investment by C = ₹ $5x$

$\therefore$ A : B : C = $(3x \times 12) : (5x \times 12) : (5x \times 6)$

$= 36 : 60 : 30 = 6 : 10 : 5$

Ratio by which profit is to be shared = **6 : 10 : 5**

Mentimotes.com