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Partnership Questions for Bank, SSC and Railway Exams – Partnership Quiz at Smartkeeda.

Partnership Quiz 1

Directions: Kindly study the following Questions carefully and choose the right answer:

1. P starts business with Rs.4500 and after 9 months, Q joins with P as his partner. After a year, the profit divided in the 3 : 5. What is Q's contribution in the capital?

A. Rs. 5,000 B. Rs. 10,000 C. Rs. 20,000
D. Rs.30,000 E. None of these

2. P and Q started a retail store with initial investments in the ratio 5 : 6 and their annual profits were in the ratio 2 : 3. If P invested the money for 8 months. For how many months did Q invest his money?

A. 5 B. 6 C. 8
D. 10 E. None of these

3. P and Q enter into partnership. P invests some money at beginning, Q invests double the amount after 4 months and R invests thrice the amount after 8 months. If the annual profit be Rs.32000, R's share is?

A. Rs 12,000 B. Rs 15,000 C. Rs 32,000
D. Rs 35,000 E. None of these

4. P, Q, R hired Taxi for Rs. 680 and used it for 3, 5, 9 hours. respectively hire charges paid by Q are:

A. Rs 100 B. Rs 200 C. Rs 300
D. Rs 350 E. None of these

5. P & Q entered in to partenership P investing Rs 8000 and Rs 6000 respectively. After 3 months P withdrew Rs 2000 while Q invested Rs 2000 more. After 3 more months, R joins the business with a capital of Rs 11000. The share of Q exceeds that of R. Out of the a total profit of Rs 35,100 after one year by.

A. Rs 2300 B. Rs 3600 C. Rs 3800
D. Rs 4200 E. None of these

6. Vibhor started a retail business by investing Rs 50,000. After six months Keisham joined him with a capital of Rs 80,000. After 3 years. They earned a profit of Rs 24,500. What was the Vibhor's share in the profit?

A. Rs 5500 B. Rs 8500 C. Rs 10500
D. Rs 12650 E. None of these

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7. Alpana started a business investing Rs. 45,000. After 3 months Priyanka joined her with a capital of Rs. 60,000. After another 6 months Kalpana joined them with a capital of Rs. 90,000. At the end of the year, they made a profit of Rs. 16,500. Find the share of Kalpana.

A. Rs. 2100 B. Rs. 3300 C. Rs. 3500
D. Rs. 3800 E. None of these

8. P, Q and R started a online education website by investing Rs.1,20,000, Rs.1,35,000 and Rs.1,50,000 respectively. Find the share of Q's, out of an annual profit of Rs.56,700.

A. Rs.12600 B. Rs.15300 C. Rs.17900
D. Rs.18300 E. None of these

9. P, Q and R start a business each investing Rs. 20,000 after 6 months P withdrew Rs.5000, Q withdrew Rs.4000 and R invests Rs.6000 more. At the end of the year, a total profit of Rs.39,780 was recorded. Find the share of P.

A. Rs.10500 B. Rs.11900 C. Rs.20500
D. Rs.23500 E. None of these

10. P and Q started a partnership business investing some amount in the ratio of 2 : 3. R joined them after six months with an amount equal to that of Q. In what proportion should the profit at the end of the one year be distributed among P, Q and R?

A. 2 : 3 : 5 B. 1 : 3 : 5 C. 4 : 6 : 3
D. 2 : 3 : 7 E. None of these

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Correct Answers:

1	2	3	4	5	6	7	8	9	10
D	D	E	B	B	C	B	E	B	C

Explanations:

1.

Let Q's Capital be Rs. x. Then = $\frac{4500 \times 12}{3x}$

$= \frac{4500 \times 12}{3x} = \frac{3}{5} \Rightarrow x = \frac{4500 \times 12 \times 5}{3 \times 3}$

$\Rightarrow 1500 \times 4 \times 5 \Rightarrow$ Rs. 30,000.

Hence, option D is correct.

2. Suppose P invested Rs. 5x for 8 months and Q invested 6x for y months then,

$\frac{5x \times 8}{6x \times y} = \frac{2}{3} \Rightarrow y = \frac{40x \times 3}{6x \times 2}$

$y = \frac{120x}{12x} \Rightarrow y = 10.$

Hence, option D is correct.

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3. Let P's investment be Rs. x. then ratio of capitals = $(x \times 12) : (2x \times 8) : (3x \times 4)$

$\Rightarrow$ 12x : 16x : 12x $\Rightarrow$ 3x : 4x : 3x

$\therefore$ R's share = $Rs[32000 \times \frac{3}{10}] \Rightarrow$ Rs 9600.

Hence, option E is correct.

4. P : Q : R = 3 : 5 : 9

Hire charges paid by Q

$= Rs[680 \times \frac{5}{17}] \Rightarrow 40 \times 5 =$ Rs 200.

Hence, option B is correct.

5. P : Q : R = $(8000 \times 3 + 6000 \times 9) : (6000 \times 3 + 8000 \times 9) : (11000 \times 6)$

$\Rightarrow (24000 + 54000) : (18000 + 72000) : (6600)$

$\Rightarrow$ 78000 : 90000 : 66000

$\Rightarrow$ 26 : 30 : 22

$\Rightarrow$ 13 : 15 : 11

$\therefore$ Difference of Q's & R's shares

$= \text{Rs}(35100 \times \frac{15}{39} - 35100 \times \frac{11}{39})$

$\Rightarrow$ Rs.$(900 \times 15 - 900 \times 11)$ $\Rightarrow$ $13500 - 9900$ $\Rightarrow$ Rs 3600.

Hence, option B is correct.

6. Vibhor : Keisham = $(50000 \times 36) : (80000 \times 30)$ $\Rightarrow 3 : 4$

$\therefore$ Vibhor's share = $\text{Rs}[24500 \times \frac{3}{7}] \Rightarrow$ Rs.10500.

Hence, option C is correct.

7. Clearly, Alpana invested her capital for 12 months, Priyanka for 9 months and Kalpana for 3 months.

So, ratio of their capitals = $(45000 \times 12) : (60000 \times 9) : (90000 \times 3)$

$\Rightarrow$ 540000 : 540000 : 270000

$\Rightarrow$ 2 : 2 : 1.

$\therefore$ Kalpana's share = $\text{Rs}[16500 \times \frac{1}{5}]$ = Rs.3300.

Hence, option B is correct.

8. Ratio of shares of P, Q and R = Ratio of their investments = 120000 : 135000 : 150000

$\Rightarrow$ 8 : 9 : 10.

$\therefore$ Q's share = $\text{Rs.}(56700 \times \frac{9}{27}) \Rightarrow$ Rs.18900.

Hence, option E is correct.

9. Ratio of the capitals of P, Q and R = $20000 \times 6 + 15000 \times 6 : 20000 \times 6 + 16000 \times 6 : 20000 \times 6 + 26000 \times 6$

$\Rightarrow$ 210000 : 216000 : 276000 = 35 : 36 : 46

$\therefore$ P's share = $\text{Rs.}(39780 \times \frac{35}{117}) \Rightarrow$ Rs. 11900

Hence, option B is correct.

10. Let the Initial investments of P and Q be 2x and 3x.

P : Q : R = $(2 \times 12) : (3 \times 12) : (3 \times 6)$

$\Rightarrow$ 8 : 12 : 6

$\Rightarrow$ 4 : 6 : 3.

Hence, option C is correct.

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