



## Partnership Questions PDF with Detailed Solutions

Partnership questions are a common type of questions regularly asked in competitive exams. These questions carry a weightage of 1-2 questions(2-4 marks) in SSC exams and 1-2 questions(1-2 marks) in bank exams. To perform well in competitive exams, concepts of partnership should be on your tips.

Here are some tips for solving Partnership questions: Start by understanding the basics and defining variables like investments and profit-sharing ratios. Utilize the partnership formula to calculate each partner's share based on their investment and time contributions. Calculate the total investment and ensure that the individual shares add up to the total profit or loss. Be prepared to handle special cases and convert ratios to fractions for easier computation.

So, we have attached 10 questions of Partnership for you to practice with. You should aim to solve these questions in less than half a minute for each.

## Practice Questions on Partnership

You can also download the Partnership questions and answers pdf. Just click on the **Download PDF** button. So let's start with the very first question.

**Q:1** Two friends A and B started a business. A and B invested Rs 10000 and Rs 20000 in the business. A invested his money for 9 months and B invested his money for 6 months. At the end of the year, they divided the profit, the difference in profit between B and A is Rs. 12800. Find the total profit of the business at the end of the year.

1. Rs. 76800
2. Rs. 89600
3. Rs. 102400
4. Rs. 115200

(**Difficulty:** 3, **Estimated Time:** 20 Seconds) Try using short tricks, fraction values of percentages

**Q:2** A and B decide to start a business in equal partnership and invested total of Rs. 50000. They hire C on a salary basis and paid him Rs. 20000 every month. A monthly investment of Rs.10000 is required to keep the business running and an earning of Rs. 40000 is made every month. After how much time will A and B have recovered the amount they initially invested?

1. 5 months
2. 7 months
3. 3 months



### Partnership Questions PDF with Detailed Solutions

4. 6 months

(**Difficulty:** 3, **Estimated Time:** 20 Seconds) This was a simple one, don't get stuck in unnecessary calculations!

**Q:3** Vikram and Vinay started a business and they invested Rs. 12000 and 14000 respectively. After one year the difference between their profits is Rs 600. Find the total profit.

1. Rs 6400
2. Rs 7800
3. Rs 8100
4. Rs 7500

(**Difficulty:** 3, **Estimated Time:** 20 Seconds) This is a common type of question asked..

**Q:4** Three friends A, B, and C start a business with an investment of Rs. 8000, Rs. 4000, and Rs. 8000. After 6 months, A withdraws 50% of his share. If the total profit is Rs. 81000 then, what is the profit of A?

1. Rs. 24000
2. Rs. 26000
3. Rs. 25000
4. Rs. 27000

(**Difficulty:** 3, **Estimated Time:** 20 Seconds) It is a bit calculative one...

**Q:5** Two persons A and B started a business with their initial capitals Rs. 4000 and Rs.6000 respectively. After 6 months from the start, person C joins the business with initial capital Rs.8000 and after another 3 months person D joins the business with initial capital Rs.10000. In what ratio profit between A, B, C and D will be distributed among them at the end of a year?

1. 8 : 12 : 8 : 5
2. 4 : 6 : 3 : 2
3. 6 : 9 : 5 : 2
4. 2 : 3 : 1 : 2

(**Difficulty:** 3, **Estimated Time:** 20 Seconds) We're halfway through. Have you got all your questions correct so far?

**Q:6** A, B and C started a business by investing Rs. 20000, Rs. 28000 and Rs. 36000 respectively. After 6 months, A and B withdrew an amount of Rs. 8000 each and C invested an additional amount of Rs. 8000. All of them invested for equal periods of time. If at the end of the year, C got Rs. 12550 as his share of profit, what was the total profit earned?



### Partnership Questions PDF with Detailed Solutions

1. Rs.45100
2. Rs.32652
3. Rs.24550
4. Rs.31200

(**Difficulty:** 3, **Estimated Time:** 20 Seconds) You should not spend more than 20 seconds in attempting this question...

**Q:7** Ramesh started a business along with Suresh and the ratio of the initial capital of Ramesh and Suresh is 3 : 5. Ramesh and Suresh also get a total of Rs. 5000 and Rs. 2500 respectively as their salary from the total profit at the end of 1 year so that share of both the persons (including salary) are same. What is the total profit from the business at the end of a year?

1. Rs. 12500
2. Rs. 15000
3. Rs. 18000
4. Rs. 17500

(**Difficulty:** 4, **Estimated Time:** 25 Seconds) This was a bit hard. Did you get it right?

**Q:8** Two persons P and Q started a business with an initial capital of Rs. 2400 and Rs. 2800 respectively. At the end of 8 months, Q left the business and R joins P with initial capital Rs. 3200. If at the end of a year, the profit share of P is Rs.122.4, then what will be the difference between the profit share of Q and R?

1. Rs. 44.8
2. Rs. 32.6
3. Rs. 52.4
4. Rs. 40.8

(**Difficulty:** 2, **Estimated Time:** 15 Seconds) This was a piece of cake....

**Q:9** Amit and Abhishek started a business with investments of Rs. 22400 and Rs. 16800 respectively. After 5 months, Ruchira joins the business with Rs. 19600. What will be Ruchira's share in the total profit of Rs. 43400 at the end of the year?

1. Rs. 4900
2. Rs. 9800
3. Rs. 14700



## Partnership Questions PDF with Detailed Solutions

4. Rs. 19600

(Difficulty: 3, Estimated Time: 20 Seconds) You might have wrapped it up in 15 seconds...

**Q:10** A started the business with Rs 600 and B with Rs 900. After 5 months, B left and C joined with a capital of Rs 600 less than B. If at the end of the year, the profit of C was Rs. 3500, then find the total profit at the end of the year.

1. Rs. 46000

2. Rs. 36000

3. Rs. 28000

4. Rs. 23000

(Difficulty: 2, Estimated Time: 15 Seconds) Did you guess them all correctly?

## Answer Key

Let's check out your score in this test.

1. (2)	2. (1)	3. (2)	4. (4)	5. (1)
6. (5)	7. (4)	8. (4)	9. (2)	10. (4)

Comment below your score, considering each question has 1 mark only. If you scored 8 to 10, congratulations! You are one step closer to selection. If you have scored 5 to 8 marks, then you are doing well, keep it up. If you have scored less than 5 marks then you need to work a little harder on this subject. But don't worry, we are here to help you master the subject.

Let's check the answers and solutions and try to find out what went wrong.

## Answers and Solutions

**Q:1** The correct answer is **Option 2** i.e. **Rs. 89600**.

If different investments are made for different periods, then the profit will be divided by the ratio of the product of the Investment and the period

$$P_1 : P_2 = (I_1 \times T_1) : (I_2 \times T_2)$$

$P_1$  = Profit of first person and,  $P_2$  = Profit of second person

$I_1$  = Investment of first person and,  $I_2$  = Investment of second person



### Partnership Questions PDF with Detailed Solutions

$T_1$  = Time period of first person,  $T_2$  = Time period of second person

Given,  $I_1$  = Rs. 10000 and,  $I_2$  = Rs. 20000

$T_1$  = 9 months and,  $T_2$  = 6 months

Ratio of the Profit

$$P_1 : P_2 = (10000 \times 9) : (20000 \times 6)$$

$$P_1 : P_2 = 3 : 4$$

Difference in the profit = Rs. 12800

Let  $P_1 = 3k$  and,  $P_2 = 4k$

$$\Rightarrow 4k - 3k = 12800$$

$$\Rightarrow k = 12800$$

$$\text{Total Profit} = (3k + 4k) = 7 \times 12800 = \text{Rs. } 89600$$

**Q:2** The correct answer is **option 1** i.e. **5 months**

Monthly expenses = salary of C + monthly investment = Rs (20000 + 10000) = Rs. 30000

Monthly earning = Rs 40000

Therefore, monthly profit = Rs. (40000 - 30000) = Rs. 10000

So, time taken to recover initial amount invested = 50000/10000 = 5 months

**Q:3** The correct answer is **Option 2** i.e **Rs 7800**.

Total money invested by Vikram = 12000 × 12 = Rs 144000

Total money invested by Vinay = 14000 × 12 = Rs 168000

The ratio of their profit will also be the same as their investment

$$\text{Vikram} : \text{Vinay} = 144000 : 168000 = 6 : 7$$

The difference between their profit = 6 - 7 = 600

$$\Rightarrow 1 = 600$$



## Partnership Questions PDF with Detailed Solutions

So, total profit =  $(6 + 7) \times 600 = \text{Rs } 7800$

**Q:4** The correct answer is **option 4** i.e. **Rs. 27000**.

The ratio of A : B : C

$$(8000 \times 6) + (4000 \times 6) : (4000 \times 12) : (8000 \times 12)$$

We can simplify

$$\Rightarrow (8 \times 6) + (4 \times 6) : (4 \times 12) : (8 \times 12)$$

$$\Rightarrow 48 + 24 : 48 : 96$$

$$\Rightarrow 72 : 48 : 96$$

$$\Rightarrow 3 : 2 : 4$$

Now, if 9 unit = 81000

So, 3 unit =  $81000/9 \times 3 = 27000$

**Q:5** The correct answer is **option 1** i.e. **8 : 12 : 8 : 5**

The ratio of investment is same as ratio of profit.

Total profit of person A =  $4000 \times 12 = 48000$

Total profit of person B =  $6000 \times 12 = 72000$

Total profit of person C =  $8000 \times 6 = 48000$

Total profit of person D =  $10000 \times 3 = 30000$

Required ratio =  $48000 : 72000 : 48000 : 30000$

=  $8 : 12 : 8 : 5$

**Q:6** The correct answer is **Option 5** i.e. **Rs.25100**

## Partnership Questions PDF with Detailed Solutions

A	B	C
$20000 \times 6 + 12000 \times 6$	$28000 \times 6 + 20000 \times 6$	$36000 \times 6 + 44000 \times 6$
192	288	480
2	3	5

Now

Sum of ratio =  $2 + 3 + 5 = 10$

Since, 5 unit = 12550

Hence, Total profit = 10 units =  $12550/5 \times 10 = \text{Rs. } 25100$

**Q:7** The correct answer is **Option 4** i.e. **Rs. 17500**.

Since the investment period for both the persons is same

So, their ratio of profit will be same as the ratio of their investment

Suppose the profit share of Ramesh and Suresh is '3x' and '5x' respectively

According to the question:

$$\Rightarrow (3x + 5000) = (5x + 2500)$$

$$\Rightarrow 2x = 2500$$

$$\Rightarrow x = 1250$$

So, Total profit from the business at the end of 1 - year

$$\Rightarrow (3x + 5x) + 5000 + 2500$$

$$\Rightarrow 10000 + 7500 = \text{Rs. } 17500$$

**Q:8** The correct answer is **Option 4** i.e. **Rs. 40.8**

Ratio of profit share of P, Q and R =  $[2400 \times 12] : [2800 \times 8] : [3200 \times 4] = 28800 : 22400 : 12800 = 9 : 7 : 4$

Let profit share of P, Q and R is '9x', '7x' and '4x' respectively.

According to the question:



**Partnership Questions PDF with Detailed Solutions**

$$9x = 122.4$$

$$x = 13.6$$

Difference between profit share of Q and R =  $7x - 4x = 3x = \text{Rs. } 40.8$

**Q:9** The correct answer is **option 2** i.e. **Rs. 9800**

When investment and time periods are different, then the profit is shared in the ratio of the product of their investment and time period

Amit and Abhishek work in the business for 12 months, whereas Ruchira worked for 7 months

Ratio of the profit of Amit, Abhishek, Ruchira

$$= (22400 \times 12) : (16800 \times 12) : (19600 \times 7)$$

$$= (224 \times 12) : (168 \times 12) : (196 \times 7)$$

$$= 96 : 72 : 49$$

$$\text{Salary received by Ruchira} = [49 / (96 + 72 + 49)] \times 43400 = (49 / 217) \times 43400 = 49 \times 200 = \text{Rs. } 9800$$

**Q:10** The correct answer is **Option 4** i.e. **Rs. 23000**.

Investment:

A = Rs. 600 for 12 months

B = Rs. 900 for 5 months

C = Rs. 300 for 7 months

Hence, The ratio in which profit will be shared between A, B, and C

$$\Rightarrow 600 \times 12 : 900 \times 5 : 300 \times 7 = 24 : 15 : 7$$

At the end of the year, the profit of C was Rs 3500

If total profit = Rs. x

$$\text{Then, } \Rightarrow x \times 7/46 = 3500$$

$$\Rightarrow x = 46 \times 500$$

$$\Rightarrow x = 23000$$





### Partnership Questions PDF with Detailed Solutions

Hence, total profit = Rs. 23000

So, this is it for today. We will meet again with another new topic. Till then, you can practice the questions again by downloading the PDF of Partnership.

