

Partnership

Model 1: Distribution of Profit

1. Meena started a business investing ₹ 12000. After 5 months, Abhay joined her with a capital of ₹ 9000. At the end of the year, the total profit was ₹ 4416. What is the share of profit of Meena?



1) ₹ 1344 2) ₹ 3364 3) ₹ 3072 4) ₹ 2568 5) None of these

2. Tanvi started a business investing ₹ 45,000. After 8 months Anisha joined her with a capital of ₹ 52,000. At the end of the year, the total profit was ₹ 56,165. What is the share of the profit of Anisha?

1) ₹ 21450 2) ₹ 24440 3) ₹ 27635 4) ₹ 317650 5) None of these

3. P, Q and R invested ₹ 45,000, ₹ 70,000 and ₹ 90,000 respectively to start a business. At the end of two years, they earned a profit of ₹ 1, 64,000. What will be Q's share in the profit

1) ₹ 56,000 2) ₹ 35,000 3) ₹ 72,000 4) ₹ 64,000 5) None of these

4. Prakash, Sunil and Anil started a business jointly investing ₹ 11 lakhs, ₹ 16.5 lakhs and ₹ 8.25 lakhs respectively. The profit earned by them in the business at the end of three years was ₹ 19.5 lakhs. What will be the 50% of Anil's share in the profit? [May 09, 2015 @ 1h 11m 40s]



1) ₹ 4.5 lakhs 2) ₹ 2.25 lakhs 3) ₹ 2.5 lakhs
4) ₹ 3.75 lakhs 5) None of these

5. A, B and C enter into a partnership. A contributes ₹ 320 for 4 months, B contributes ₹ 510 for 3 months and C contribute ₹ 270 for 5 months. If the total profit is ₹ 208, what will be the share of A?

1) ₹ 92 2) ₹ 64 3) ₹ 88 4) ₹ 94 5) ₹ 56

Model 2: Difference between Profits

6. Pankaj and Nitin started a business investing ₹ 42,000 and ₹ 57,000 respectively, but Nitin left the business after 8 months. Find the difference between the share of profits of Pankaj and Nitin, if the total profit at the end of the year was ₹ 26,000?

1) ₹ 1200 2) ₹ 1400 3) ₹ 1600 4) ₹ 1300 5) None of these

7. Prabha started a business investing 32000. After 5 months, Amit joined her with a capital of ₹ 22,000. At the end of the year, the total profit was ₹ 16,409. What is the difference between the shares of Prabha and Amit?

1) ₹ 5,284 2) ₹ 11,712 3) ₹ 10,182 4) ₹ 7015 5) None of these

8. Arun started a business investing ₹ 38,000. After 5 months Bakul joined him with a capital of ₹ 55,000. At the end of the year, the total profit was ₹ 22,000. What is the approximate difference between the share of profit of Arun and Bakul?

1) ₹ 1192 2) ₹ 1856 3) ₹ 1007 4) ₹ 1928 5) ₹ 1568

Model 3: Profit Ratio based on given Conditions

9. Sarita started a business investing ₹ 50000. After six months, Abhishek joined her with ₹ 75000. After another six months, Nisha also joined them with ₹ 1.25 lakh. What should be the ratio in which the profits are shared by the 3 persons respectively at the end of 2 years?

1) 4:5:6 2) 8:9:10 3) 8:9:12 4) 4:5:8 5) None of these

Model 4: Additional Investments after a Certain Period

10. Subhash started a business by investing ₹ 25,000. 6 months later Aditya joins him by investing ₹ 15,000. After another 6 months. Aditya invests an additional amount of ₹ 15,000. At the end of 3 years they earn a profit of ₹ 2, 47,000. What is the Aditya's share in the profit?

- 1) ₹ 1,13,000 2) ₹ 1,23,000 3) ₹ 1,17,000 4) ₹ 1,11,500 5) None of these

Answers

1 - 3	2 - 5	3 - 1	4 - 2	5 - 2	6 - 4	7 - 4	8 - 2	9 - 2	10 - 3
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Note: The date and time mentioned against some questions refer to the doubts clarification session on Quantitative Aptitude in which the question was solved.

Additional Examples

1. In a business partnership among A, B, C and D, the profit is shared as follows

$$\frac{A's \text{ share}}{B's \text{ share}} = \frac{B's \text{ share}}{C's \text{ share}} = \frac{C's \text{ share}}{D's \text{ share}} = \frac{1}{3} \text{ If the total profit is ₹ 4,00,000, the share of C is}$$

- a) ₹ 1, 12,500 b) ₹ 1, 37,500 c) ₹ 90,000
d) ₹ 2, 70,000

2. Amitabh, Brijesh and Kamlesh enter a partnership with shares in the ratio of $\frac{7}{2} : \frac{4}{3} : \frac{6}{5}$. After 4

months, Amitabh increases his share by 50%. If the total profit at the end of the year be ₹ 21600, what will be the share of Brijesh in the profit?

- a) ₹ 8000 b) ₹ 12000 c) ₹ 4000 d) ₹ 7000



3. A and B started a business with ₹ 5,000 and ₹ 4000 respectively. After 1 month B withdraws $\frac{1}{4}$ part of his contribution and after 3 months from the starting A puts ₹ 2000 more. When B withdraws his money at the same time C also joins them with ₹ 7000. If at the end of 1 year there is a profit of ₹ 1218. What will be the share of C in the profit?
- a) ₹ 598.17 b) ₹ 688.17 c) ₹ 498.19 d) ₹ 488.47
4. A and B are partners in a business. A contributes $\frac{1}{4}$ of the capital for 15 months and B received $\frac{2}{3}$ of the profit. Find for how long B's money was used_
- a) 6 months b) 8 months c) 10 months d) 12 months
5. A starts business with ₹ 7000 and after 5 months, B joined as a partner. After a year the profit is divided in the ratios 2:3. The capital of B is
- a) ₹ 10000 b) ₹ 6500 c) ₹ 18000 d) ₹ 9000
6. A, B, and C enter into a partnership. A contributes one-third of the capital, while B contributes as much as A and C together. If the profit at the end of the year amounts to ₹ 720, then A's Share is
- a) ₹ 310 b) ₹ 326 c) ₹ 291 d) ₹ 240

Answers

1 - c	2 - c	3 - d	4 - c	5 - c	6 - d
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