

21. Partnership

There are four types of questions:

1. People start the business together and will be there in the business till the completion.
In this type, profit obtained should be distributed in the ratio of the investments.
2. People start the business together but one or more persons leave the business after some time. Or one or more start the business and after some time one or more people join the business.
In this type, profit obtained should be distributed in the ratio of the product of their investments and time period for which they are in the business.
3. In this type, not only people leave or join in the middle, but also they make changes to their investments by adding or withdrawing some money.
4. This type involves Working partner/Active partner and Sleeping partner. Before the distribution of the profits obtained, working partner will take his share towards taking care of the business in terms of percentage of total profit or salary per month as per their agreement.

Practice Exercise

1. Akash and Prakash started a business investing Rs.22,500 and Rs.35,000 respectively. What is the share of Prakash in a total profit of Rs.13,800 in Rs.?
(1) 5400 (2) 7200 (3) 8400 (4) 9600
2. Nalini started a business investing Rs.90000. After 6 months, Bhargavi joined with a capital of Rs.80000. If at the end of two years, they earn a profit of Rs.65000, then what will be the share of Bhargavi in the profit in Rs.?
(1) 20000 (2) 45000 (3) 39000 (4) 26000
3. A, B and C started a business with investments of Rs.3 lacs, Rs.4 lacs and Rs.2 lacs respectively. A stayed in the business for 8 months, B stayed for 6 months and C stayed for throughout the year. If they earn a profit of Rs.6 lacs, find the share of B.
(1) 1.5 lac (2) 1 lac (3) 2.5 lac (4) 2 lac
4. Sita, Shabana and Sterla invest Rs.80,000, Rs.64,000 and Rs.48,000 respectively in a partnership firm. If at the end of one year, Sterla earns a profit of Rs.16,200, then what is the total profit earned by the firm(in Rs.)?
(1) 64800 (2) 43200 (3) 72600 (4) 46800
5. In a business, X and Z invested amounts in the ratio 2:1, whereas the ratio between amounts invested by X and Y is 3: 2. If Rs.1,57,300 was the total profit, how much amount did Y receive?
(1) 24200 (2) 36300 (3) 48400 (4) 72600
6. P, Q and R started a business with their investments in the ratio of 1:3:5. After 4 months, P invested the same amount as before and Q as well as R withdrew half of their investments. The share of Q out of a total profit of Rs.126000 at the end of the year is:
(1) 3000 (2) 36000 (3) 60000
(4) Cannot be found
7. A, B and C enter into a partnership. A initially invests Rs.25 lakhs and adds another Rs.10 lakhs after one year. B initially invests Rs.35 lakhs and withdraws Rs.10 lakhs after 2 years and C invests Rs.30 lakhs. In what ratio should the profit be divided at the end of 3 years?
(1) 10:10:9 (2) 20:20:19
(3) 20:19:18 (4) none of these
8. A, B and C start a venture with investments of Rs.12000, Rs.16000 and Rs.10000 respectively. A left after 2 months. B left after another 2 months at that time A rejoined with only $\frac{2}{3}$ rd of his original investment. A month later B rejoined with one quarter less than his original investment. C remained invested throughout the year. The profit at the end of the year was Rs.267000. How much more did B earn than A?
(1) Rs.37500 (2) Rs.42000
(3) Rs.45000 (4) Rs.55000
9. In a joint venture, A and B invested Rs.32000 and Rs.56000 respectively. A received Rs.1000 per month as salary for managing the business and the remaining profit was divided in the ratio of their investments. At the end of the year A received a total of Rs.20000, how much did B receive?
(1) Rs.14000 (2) Rs.16000
(3) Rs.22000 (4) Rs.35000
10. A and B enter into a partnership with investments of Rs.54000 and Rs.81000 respectively. A stayed for the entire year. If at the end of the year the profit was distributed equally, then for how many months less was B's investment there in the business?
(1) 2 (2) 4 (3) 5 (4) 6
11. Dhoni started a business with an initial investment of Rs.50,000/-. After six months Jadeja joined the company with a capital of Rs.80,000/-. After 3 years, they earned a profit of Rs. 24,500. How much more profit did Jadeja get than Dhoni?
(1) Rs.3000 (2) Rs.4000
(3) Rs.5000 (4) None of these
12. A and B invest in a business in the ratio 3:2. They agreed to donate 5% of the total profit to acharity. If they earn a profit of Rs. 70000 after a year, then B's share in Rs. is
(1) 26600 (2) 39900 (3) 28000 (4) none