PARTNERSHIP

1. Ram, Shyam and Amit started a business by investing Rs 60000 Rs 45000 and Rs 30000 respectively. At the end of the year, the firm earned Rs 54000 as profit. What will be the share of Ram in total profit?

   (1) Rs 24000   (2) Rs 18000

   (3) Rs 12000   (4) Rs 20000

   (5) None of these

2. Three friends A, B and C started a business by investing a sum of money in the ratio of 5 : 7 : 6 After 6 months, C withdraws half of his capital. If the total annual profit is Rs 33000, then C's is share will be?

   (1) Rs 9000   (2) Rs 12000

   (3) Rs 11000   (4) Rs 14000

   (5) None of these

3. Suresh invested Rs 12000 in a shop an Dinesh joined him after 4 months by investing Rs 7000 of the net profit after one year be Rs 13300. Dinesh's Share in the profit is?

   (1) Rs 9576   (2) Rs 4900

   (3) Rs 8400   (4) Rs 8600

   (5) None of these

4. Kundan got Rs 60,000 as his share out of the total profit of Rs 90,000 which he and Sonu earned the end of one year of Kundan invested Rs 300,000 for 6 months. Where as Sonu invested his amount for the whole year, the amount for the whole year, the amount invested by Sonu was.

   (1) Rs 50000   (2) Rs 60000

   (3) Rs 100000   (4) Rs 200000

   (5) None of these

5. Kishan and Nandan started a joint firm. Time period of Kishan's investment was two times the period of investment of Nandan and amount of investment of Kishan is three times the amount of investment of Nandan. Nandan got Rs 4000 as profit for his investment. Their total profit of the distribute of the period is

   (1) Rs 24000   (2) Rs 16000

   (3) Rs 28000   (4) Rs 20000

   (5) None of these

6. A and B enter into partnership investing Rs 12000 and Rs 16000 respectively. After 8 months, C also joins the business with a capital of Rs 15000. The share of C in profit of Rs 45000 after 2 years will be

   (1) Rs 12000   (2) Rs 14400

   (3) Rs 21200   (4) Rs 19200

   (5) None of these

7. Jack, Jill and Jimmy invested capitals in the ratio 1 : 2 : 3, the timing of their investments being in the ratio 1 : 2 : 3. In which ratio would their profit be distributed?

   (1) 3 : 2 : 1   (2) 1 : 4 : 9

   (3) 4 : 1 : 9   (4) 9 : 4 : 1

   (5) None of these

8. A, B and C invested capital in the ratio 4 : 6 : 9. At the end of the business term, they received the profit in the ratio 2 : 3 : 5. Find the ratio of time for which they contributed their capital.

   (1) 1 : 1 : 9   (2) 2 : 2 : 9

   (3) 10 : 10 : 9   (4) 5 : 5 : 9

   (5) None of these

9. A, B and C invested their capitals in a business if the ratio of their periods of investments are 2 : 3 : 4 and their profit are in the ratio of 4 : 9 : 8. Find the ratio in which the investments are made by A, B and C.

   (1) 2 : 3 : 2   (2) 3 : 2 : 2

   (3) 4 : 2 : 1   (4) 2 : 2 : 1

(5) None of these

10. Ram, Rahim and John started a shop by investing Rs 2700, Rs 8100 and Rs 7200 respectively. At the end of one year, the profit was distributed among them. If Rahim's share was Rs 3600, then their total profit was?

(1) Rs 10800   (2) Rs 11600

(3) Rs 9600   (4) Rs 8000

(5) None of these

11. X and Y invested in a business. They earned some profit and divided it in the ratio 2 : 3. If X invested Rs 40, then find the money invested by Y?

(1) Rs 20   (2) Rs 30

(3) Rs 80   (4) Rs 60

(5) None of these

12. A and B invest Rs 3000 and Rs 4000 respectively in a business. A receives Rs 10 per months out of the profit as a remuneration for running the business and the rest of profit is divided in proportion to the investments. If in a year, 'A' totally receives Rs 390, what does B receive?

(1) Rs 630   (2) Rs 360

(3) Rs 480   (4) Rs 380

(5) None of these

13. A, B and C alone can do a work in 20, 25 and 30 days respectively. If they undertake to finish the work together for Rs 2220, then the share of A exceeds that of B by?

(1) Rs 120   (2) Rs 180

(3) Rs 300   (4) Rs 600

(5) None of these

14. Ninad, Vikas and Manav enter into a partnership. Ninad invests some amount at the beginning. Vikas invests double the amount after 6 months and Manav invests double amount invested by Ninad after 8 months. They earn a profit of Rs 45000 at the end of the year. What is Manav's share in profit?

(1) Rs 25000   (2) Rs 15000

(3) Rs 12000   (4) Rs 9000

(5) None of these

15. Aran started a business investing Rs 38000. After 5 months Bakul joined him with a capital of Rs 55000. At the end of the year the total profit was Rs 22000. What is the approximate difference between the share of profits of Aran and Bakul?

(1) Rs 1192   (2) Rs 1856

(3) Rs 1007   (4) Rs 1928

(5) None of these

16. Sarita started a business investing Rs 50,000. After six months, Abhishek joined her with Rs 75000. After another six months Nisha also joined then with Rs 1.25 lakh. Profit earned at the end of 2 years from when Sarita started the business should be distributed among Sarita, Abhishek and Nisha in what respective ratio?

(1) 4 : 5 : 6   (2) 8 : 9 : 10

(3) 8 : 9 : 12   (4) 4 : 9 : 8

(5) None of these

17. Four milkmen rented a pasture. A grazed 15 cows for 4 months. B grazed 12 cows for 2 months, C grazed 18 cows for 6 months, and D grazed 16 cows for 5 months. If A's share of rent is Rs 1020, what is C's share of rent?

(1) Rs 1836

(2) Rs 1360

(3) Rs 816

(4) Cannot be determined

(5) None of these

18. Pankaj started a business investing Rs 42000. After 4 months Nitin joined him with a capital of Rs 57000. At the end of the year the total profit was Rs 26000. What is the difference between the share of profits of Pankaj and Nitin?

(1) Rs 1200   (2) Rs 1400

(3) Rs 1600   (4) Rs 1800

(5) None of these

19. A, B and C invested Rs 10000, Rs 14000 and Rs 12000, respectively in a business. If at the end of a year, they got a profit of Rs 5400, the share of B in profit (if profit is divided in proportion to the investment of each) is?

(1) Rs 1500   (2) Rs 2100

(3) Rs 1800   (4) Rs 150

(5) None of these

20. A starts business with Rs 3500 after 5 months B joins with A as his partner. After a year, the profit is divided in the ratio 2 : 3. What is B's contribution in the capital?

(1) Rs 8000   (2) Rs 8500

(3) Rs 9000   (4) Rs 7500

(5) None of these

21. A, B and C rent a pasture. A puts 10 oxen for 7 months, B puts 12 oxen for 5 months and C puts 15 oxen for 3 months for grazing. If the rent of the pasture is Rs 175, how much must C pay as his share of rent?

(1) Rs 45   (2) Rs 50

(3) Rs 55   (4) Rs 60

(5) None of these

22. A, B and C enter into a partnership and their shares are in the ratio $\frac{1}{2} : \frac{1}{3} : \frac{1}{4}$ After 2 months, A withdraws half of its capital and after 10 months a profit of Rs 378 is divided among them. What is B's share?

(1) Rs 129   (2) Rs 144

(3) Rs 156   (4) Rs 168

(5) None of these

23. A, B and C are partnership of a company. During a particular year A received one-third of the profit, B received one-fourth of the profit and C received the remaining Rs 5000. How much did A receive?

(1) Rs 5000   (2) Rs 4000

(3) Rs 3000   (4) Rs 1000

(5) None of these

24. Vinay started a business investing Rs 70,000. Ashok joined him after six months with an amount of Rs 105000 and Sunil joined them with Rs 1.4 lakhs after another six months. The amount of profit earned should be distributed in what ratio among Vinay, Ashok and Sunil respectively, three years after Vinay started the business?

(1) 42 : 45 : 56

(2) 7 : 6 : 10

(3) 12 : 15 : 16

(4) Cannot be determined

(5) None of these

25. Veena started a business investing Rs 75000. After 3 months, Poonam joined her with an amount of Rs 125000 and after another six months, Sarita joined them with an amount of Rs, 150000. Profit earned at the end of three years from when Veena started the business should be distributed in what ratio among Veena, Poonam and Sarita respectively?

(1) 36 : 55 : 54

(2) 18 : 28 : 27

(3) 35 : 54 : 55

(4) Cannot be determined

(5) None of these

26. A company makes a profit of Rs. 900000 20% of which is paid as taxes. If the rest is divided among the partners P, Q and R in the ratio of 1 : 2 : 3, then the share of Q?

(1) Rs. 210000   (2) Rs. 240000

(3) Rs. 110000   (4) Rs. 300000

(5) None of these

27. A and B are partners in a business. A contributes one-fourth of the capital for 15 months and B received two-third of the profit. For how long B's money was used?

(1) 11 months   (2) 14 months

(3) 10 months   (4) 30 months

(5) None of these

28. A and B started a business with initial investments in the ratio 14 : 15 and their annual profits were in the ratio 7 : 6. If A invested the money for 10 months, for how many months did B invest his money?

(1) 21 months   (2) 24 months

(3) 11 months   (4) 10 months

(5) None of these

29. A and B invest in a business in the ratio 3 : 2. If 5% of the total profit goes to charity and A's share is Rs. 855, the total profit is?

(1) Rs. 3100   (2) Rs. 2400

(3) Rs.1100   (4) Rs.1500

(5) None of these

30. Three partners shared the profit in a business in the ratio 5 : 7 : 8. They had partnered for 14 months, 8 months and 7 months respectively. What was the ratio of their investments?

(1) 5 : 2 : 2   (2) 3 : 2 : 1

(3) 3 : 4 : 1   (4) 2 : 3 : 1

(5) None of these

31. Two friends P and Q started a business investing in the ratio 5 : 6. R joined them after six months investing an amount equal to that of Q's. At the end of the year, 20% profit was earned which was equal to Rs. 98000. What was the amount invested by R?

(1) Rs. 230000   (2) Rs. 140000

(3) Rs. 1100550   (4) Rs. 1020000

(5) None of these

32. A and B started a business jointly. A invests Rs. 16000 for 8 months and B remains in the business for 4 months. Out of the total profit, B claims two-seventh of the profit. How much money was contributed by B?

(1) Rs. 45600   (2) Rs. 13600

(3) Rs.11020   (4) Rs. 30340

(5) None of these

33. A starts business with Rs. 3500 and after 5 months, B joins with A as his partner. After a year, the profit is divided in the ratio 2 : 3. What is B's contribution in the capital?

(1) Rs. 5000   (2) Rs. 9000

(3) Rs. 7000   (4) Rs. 8000

(5) None of these

34. A began a business with Rs. 85000. He was joined afterwards by B with Rs. 42500. For how much period does B join, if the profits at the end of the year are divided in the ratio 3 : 1?

(1) 8 months   (2) 4 months

(3) 6 months   (4) 3 months

(5) None of these

35. A started a business with Rs. 21,000 and is joined afterwards by B with Rs. 36000. After how many months did B join if the profits at the end of the year are divided equally?

(1) 7 months   (2) 8 months

(3) 5 months   (4) 6 months

(5) None of these

36. A and B started a business jointly. A's investment was thrice the investment of B and the period of his investment was two times the period of investment of B. If B received Rs. 4000 as profit, then their total profit is?

(1) Rs. 45000   (2) Rs. 20000

(3) Rs.11000   (4) Rs. 24000

(5) None of these

37. A, B and C started a shop by investing Rs. 27000, Rs. 72000 and Rs. 81000 respectively. At the end of the year, the profits were distributed among them. If C's share of profit be Rs 36,000, then the total profit was?

(1) Rs. 210000   (2) Rs. 80000

(3) Rs.112000   (4) Rs. 300000

(5) None of these

38. Manoj received Rs. 6000 as his share out of the total profit of Rs. 9000 which he and Rahul earned at the end of one year. If Manoj invested Rs. 20,000 for 6 months whereas Rahul invested his amount for the whole year, what was the amount invested by Rahul?

(1) Rs. 24000   (2) Rs. 2400

(3) Rs. 5000   (4) Rs. 3000

(5) None of these

39. X and Y invested in a business. They earned some profit which they divided in the ratio of 2 : 3. If X

invested Rs. 40,000, the amount invested by Y is?

(1) Rs. 29000   (2) Rs. 60000

(3) Rs. 16000   (4) Rs. 30000

(5) None of these

40. A and B started a business with initial investments in the ratio 2: 3 and their annual profits were in the ratio 4: 3. If A invested the money for 10 months, for how many months did B invest his money?

(1) 6 months   (2) 8 months

(3) 11 months   (4) 5 months

(5) None of these

41. In a partnership, A invests one-sixth of the capital for one sixth of the time, B invests one-third of the capital for one-third of the time and C, the rest of the capital for the whole time. Out of a profit of Rs. 4600, B's share is?

(1) Rs. 210   (2) Rs. 240

(3) Rs. 1100   (4) Rs. 300

(5) None of these

42. A, B and C entered into a partnership with capitals in the ratio 1 : 3 : 5. After 4 months, A invested the same amount as before, and B as well as C withdraws half of their investments. The ratio of their profits at the end of the year is?

(1) 4 : 5 : 3   (2) 1 : 2 : 7

(3) 3 : 4 : 5   (4) 2 : 3 : 7

(5) None of these

43. P, Q and R enter into a partnership with a capital in which P's contribution is Rs. 10000. If out of a total profit of Rs. 1000, P gets Rs. 500 and Q gets Rs. 300, then R's capital is?

(1) Rs. 1000   (2) Rs. 4000

(3) Rs. 11000   (4) Rs. 3000

(5) None of these

44. A, B and C enter into a partnership and their shares are in the ratio (1/2) : (1/3) : (1/4). After 2 months, A withdraws half of his capital and after 10 months, a profit of Rs. 378 is divided among them. What is B's share?

(1) Rs. 117   (2) Rs. 240

(3) Rs. 144   (4) Rs. 135

(5) None of these

45. 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 the year be distributed among A, B and C?

(1) 4 : 9 : 7   (2) 6 : 10 : 5

(3) 3 : 5 : 2   (4) 6 : 9 : 7

(5) None of these

46. In a business, A and C invested amounts in the ratio 2 : 1, whereas the ratio between amounts invested by A and B was 3 : 2. If Rs. 157300 was their profits, how much amount did B receive?

(1) Rs. 12500   (2) Rs. 17501

(3) Rs. 15000   (4) Rs.12300

(5) None of these

47. A, B and C rent a pasture. A puts 10 oxen for 7 months, B puts 12 oxen for 5 months and C puts 15 oxen for 3 months for gazing. If the rent of the pasture is Rs. 175, then how much must C pay as his share of rent?

(1) Rs. 65   (2) Rs. 75

(3) Rs. 60   (4) Rs. 67

(5) None of these

48. A, B and C hired a car for Rs. 520 and used it for 7, 8 and 11 hours respectively. Hire charges paid by B were

(1) Rs. 565   (2) Rs. 456

(3) Rs. 150   (4) Rs. 160

(5) None of these

49. A, B and C entered into a partnership. A invest some money at the beginning, B invests double the amount after 6 months and C invests thrice the amount after 8 months. If the annual profit be Rs. 27000, then C's share is?

(1) Rs. 23000   (2) Rs. 24000

(3) Rs. 27000   (4) Rs. 30000

(5) None of these

50. If 4 (A's capital) = 6 (B's capital) = 10 (C's capital), then out of a profit of Rs. 3520, C will receive?

(1) Rs. 4700   (2) Rs. 3200

(3) Rs. 1200   (4) Rs. 2900

(5) None of these

51. Three partners A, B and C start a business. Twice A's capital is equal to three B's capital and B's capital is four times C's capital. Out of a total profit of Rs. 19,500 at the end of the year, B's share is?

(1) Rs. 60000   (2) Rs.75000

(3) Rs.11500   (4) Rs.35000

(5) None of these

52. A, B and C subscribe Rs. 50,000 for a business. A subscribes Rs 4000 more than B and B Rs 5000 more than C. Out of a total profit of Rs 35000, A receives?

(1) Rs. 28745   (2) Rs. 14075

(3) Rs. 45600   (4) Rs. 23411

(5) None of these

53. Two friends P and Q started partnership investing in the ratio of 5 : 6. R joined them after six months investing an amount equal to that of Q's. At the end of the year, 20% profit was earned which was equal to Rs. 98000. What was the amount invested by R?

(1) Rs. 119000   (2) Rs.230000

(3) Rs. 117045   (4) Rs.367800

(5) None of these

54. Three friends shared the profit in a business in the ratio 5 : 7 : 8. They had invested for 14 months, 8 months and 7 months respectively. What was the ratio of their investments?

(1) 10 : 11 : 13   (2) 20 : 35 : 64

(3) 7 : 9 : 5   (4) 9 : 11 : 12

(5) None of these

55. A and B invested in a business in the ratio 3 : 2. If 5% of the total profit goes to charity and A's share is Rs. 855, the total profit is?

(1) Rs. 1500   (2) Rs. 1730

(3) Rs. 2200   (4) Rs. 3432

(5) None of these

56. A and B are partners in a business. A contributes (1/4) of the capital for 15 months and B received (2/3) of the profit. For how long B's money was used?

(1) 8 months   (2) 10 months

(3) 7 months   (4) 12 months

(5) None of these

57. A, B and C invested Rs. 8000, Rs. 4000 and Rs. 8000 respectively in a business. A left after six months. If after eight months, there was a gain of Rs. 4000, then what will be the share of B?

(1) Rs. 810   (2) Rs. 540

(3) Rs. 710   (4) Rs. 890

(5) None of these

58. A and B started a business investing Rs. 20000 and Rs.30000 respectively. Out of the total profit of Rs. 15000. Then A's share is?

(1) Rs. 6000   (2) Rs. 4000

(3) Rs. 6100   (4) Rs. 5600

(5) None of these

59. A and B started a business in partnership investing Rs. 20000 and Rs. 15000 respectively. After six months, C joined them with Rs. 20000. What will be B's share in the total profit of Rs. 25000 earned at the end of 2 years from the starting of the business?

(1) Rs. 6300   (2) Rs. 7500

(3) Rs. 1100   (4) Rs. 3780

(5) None of these

60. Simran started a software business by investing Rs. 50000. After six months, Nanda joined her with capital of Rs. 80000. After 3 years, they earned a profit of Rs. 24500. What was Simran's share in the profit?

(1) Rs. 11500   (2) Rs. 8000

(3) Rs. 9000   (4) Rs. 10500

(5) None of these

61. Kamal started a business investing Rs. 9000. After five months, Sameer joined with a capital of Rs. 8000. If at the end of the year, they earn a profit of Rs. 6970, then what will be the share of Sameer in the profit?

(1) Rs. 5050   (2) Rs. 7370

(3) Rs. 5500   (4) Rs. 3780

(5) None of these

62. Reena and Sheela are partners in a business. Reena invest Rs. 35,000 for 8 months and Sheela invests Rs. 42000 for 10 months. Out of a profit of Rs. 31570, Reena's share is?

(1) Rs. 56011   (2) Rs. 12628

(3) Rs. 45073   (4) Rs. 66781

(5) None of these

63. A, B, C enter into a partnership investing Rs. 30,000, Rs, 40000 and Rs. 50000 respectively. The res share B in an annual profit of Rs. 14400 are?

(1) Rs. 4800   (2) Rs. 3700

(3) Rs. 5100   (4) Rs. 3100

(5) None of these

64. Anand and Deepak started a business investing Rs. 22500 and Rs 35000 respectively. Out of total profit of Rs. 13,800, Deepak's share is?

(1) Rs. 9553.84   (2) Rs. 10708.55

(3) Rs. 12340   (4) Rs. 15000

(5) None of these

65. P and Q started a business investing Rs. 85000 and Rs. 15000 respectively. In what ratio, the profit earned after 2 years be divided between P and Q respectively?

(1) 5 : 1   (2) 9 : 5

(3) 13 : 3   (4) 11 : 7

(5) None of these

66. A invested Rs. 20000 in a business. After few months, B joined him with Rs. 40000. At the end of the year, the total profit was divided between them in the ratio 2 : 1. After how many months did B join?

(1) 5 months   (2) 3 months

(3) 7 months   (4) 6 months

(5) None of these

67. P, Q and R enter into a partnership with investments of Rs. 3500, Rs. 4500 and Rs. 5500. In the first six months, profit is Rs. 405. What is P's share in the profit?

(1) Rs.131   (2) Rs.105

(3) Rs.110   (4) Rs.122

(5) None of these

68. A and B invested in a trade. They earned some profit which they divided in the ratio 2:3 of their investment. If A invested Rs. 40, then the amount invested by B is?

(1) Rs.74   (2) Rs.63

(3) Rs.50   (4) Rs.60

(5) None of these

69. Three partners altogether invested Rs. 114000 in a business. At the end of the year, one got Rs. 337.50, the second Rs. 1,125 and the third Rs. 675. What is the percentage of profit?

(1) 2.6   (2) 3

(3) 1.12   (4) 3.55

(5) None of these

70. A, B and C started a business by investing Rs. 120000 Rs.135000 and Rs.150000 respectively. Find the share of A, out of an annual profit of Rs. 56700?

(1) Rs.17701   (2) Rs.14800

(3) Rs.16800   (4) Rs.23015

(5) None of these

71. A certain amount was divided between A and B in the ratio 4 : 3. If B's share was Rs. 4800, the total amount was?

(1) Rs.11450   (2) Rs.11200

(3) Rs.17680   (4) Rs.15000

(5) None of these

72. A sum of Rs.53 is divided among A, B and C such that A gets Rs. 7 more than what B gets and B gets Rs. 8 more than what C gets. The ratio of their shares is

(1) 7 : 3 : 1   (2) 5 : 1 : 2

(3) 11 : 2 : 3   (4) 15 : 11 : 7

(5) None of these

73. A, B and C enter into partnership. A invest 3 times as much as B invest and B invests two-third of what C invests. At the end of the year, the profit earned is Rs. 6600. What is the share of B?

(1) Rs. 1200   (2) Rs. 1340

(3) Rs. 1724   (4) Rs. 1422

(5) None of these

74. Four milkmen rented a pasture. A grazed 24 cows for 3 months, B 10 cows for 5 months, C 35 cows for 4 months and D 21 cows for 3 months. If A's share of rent is Rs. 720, find the total rent of the field?

(1) Rs. 2730   (2) Rs. 3460

(3) Rs. 4400   (4) Rs. 3000

(5) None of these

75. A invested Rs. 76000 in a business. After few months, B joined him with Rs. 57000. At the end of the year, the total profit was divided between them in the ratio 2 : 1. After how many months did B join?

(1) 4 months   (2) 6 months

(3) 8 months   (4) 9 months

(5) None of these

ANSWERS

1.	1	15.	5	29.	4	43.	2	57.	4	71.	2
2.	1	16.	2	30.	5	44.	3	58.	1	72.	5
3.	5	17.	1	31.	5	45.	2	59.	2	73.	1
4.	5	18.	5	32.	5	46.	5	60.	4	74.	5
5.	3	19.	2	33.	2	47.	3	61.	5	75.	1
6.	5	20.	3	34.	1	48.	4	62.	2		
7.	2	21.	1	35.	3	49.	2	63.	1		
8.	5	22.	2	36.	4	50.	3	64.	5		
9.	1	23.	2	37.	2	51.	1	65.	3		
10.	4	24.	3	38.	3	52.	5	66.	2		
11.	4	25.	1	39.	2	53.	5	67.	2		
12.	2	26.	2	40.	4	54.	2	68.	4		
13.	5	27.	3	41.	5	55.	1	69.	5		
14.	5	28.	5	42.	5	56.	2	70.	3		