

## PARTNERSHIP

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1. A starts a business with ₹ 1000. B joins him after 6 months with ₹ 4000. C puts a sum of ₹ 5000 for 4 months only. At the end of the year the business gave a profit of ₹ 2800. How should the profit be divided among them?  
(1) ₹ 600, ₹ 1200, ₹ 1000  
(2) ₹ 800, ₹ 600, ₹ 1400  
(3) ₹ 1000, ₹ 1200 ₹ 600  
(4) ₹ 1200, ₹ 600, ₹ 1000  
(5) None of these
2. A and B enter into a partnership for a year. A contributes ₹ 3000 and B ₹ 4000. After 4 months they admit C, who contributes ₹ 4500. If B withdraws his contribution after 6 months, how would they share a profit of ₹ 1000 at the end of the year?  
(1) ₹ 250, ₹ 200, ₹ 550  
(2) ₹ 150, ₹ 200, ₹ 650  
(3) ₹ 375, ₹ 250, ₹ 375  
(4) Data inadequate  
(5) None of these
3. A, B and C enter into a partnership. A advances one-third of the capital for one-third of the time. B contributes one-sixth of the capital for one-third of the time C contributes the remaining capital for the whole time. How should they divide a profit of ₹ 1200.  
(1) ₹ 300, ₹ 200, ₹ 700  
(2) ₹ 200, ₹ 100, ₹ 900  
(3) ₹ 375, ₹ 250, ₹ 575  
(4) ₹ 385, ₹ 255, ₹ 475  
(5) None of these
4. Manoj got ₹ 6000 as his share out of the total profit of ₹ 9000 which he and Ramesh earned at the end of one year. If Manoj invested ₹ 20000 for 6 months, whereas Ramesh invested his amount for the whole year, the amount invested by Ramesh was—  
(1) ₹ 60000 (2) ₹ 10000 (3) ₹ 40000  
(4) ₹ 5000 (5) None of these
5. A and B enter into partnership investing ₹ 12000 and ₹ 16000 respectively. After 8 months, C also joins the business with a capital of ₹ 15000. The share of C in a profit of ₹ 45600 after 2 years will be—  
(1) ₹ 12000 (2) ₹ 14400 (3) ₹ 19200  
(4) ₹ 21200 (5) None of these
6. Kishan and Nandan started a joint firm. Kishan's investment was thrice the investment of Nandan and the period of his investment was two times the period of investment of Nandan. Nandan got ₹ 4000 as profit for his investment. Their total profit if the distribution of profit is directly proportional to the period and amount, is—  
(1) ₹ 24000 (2) ₹ 16000 (3) ₹ 28000  
(4) ₹ 20000 (5) None of these
7. A and B enter into a partnership with their capitals in the ratio 5 : 9. At the end of 8 months, A withdraws his capital. If they receive the profits in the ratio 4 : 9, find how long B's capital was used?  
(1) 10 months (2) 9 months (3) 8 months  
(4) 4 months (5) None of these
8. A started a business by investing ₹ 2700. After sometime B joined him by investing ₹ 2025. At the end of one year, the profit was divided in the ratio 2 : 1. After how many months did B join the business?  
(1) 4 months (2) 6 months (3) 3 months  
(4) 2 months (5) None of these
9. A, B and C invested in the ratio 1 : 2 : 3; the timing of their investments being in the ratio 1 : 2 : 3. In what ratio would their profit be distributed?  
(1) 3 : 2 : 1 (2) 1 : 2 : 3 (3) 1 : 4 : 9  
(4) 9 : 4 : 1 (5) None of these
10. A, B and C invested in the ratio 2 : 5 : 7, the timing of their investments being in the ratio 3 : 4 : 5. In what ratio would their profit be distributed?  
(1) 2 : 10 : 15 (2) 15 : 10 : 2 (3) 6 : 20 : 35  
(4) 6 : 20 : 15 (5) None of these
11. A, B and C invested capitals in the ratio 4 : 5 : 6. At the end of the business term, they received the profits in the ratio 2 : 3 : 4. Find the ratio of time for which they contributed their capitals.  
(1) 6 : 5 : 8 (2) 6 : 5 : 9 (3) 10 : 12 : 9  
(4) 15 : 18 : 20 (5) None of these
12. A, B and C invested capitals in the ratio 4 : 6 : 9. At the end of the business term, they received the profits in the ratio 2 : 3 : 5. Find the ratio of time for which they contributed their capitals.  
(1) 1 : 1 : 9 (2) 2 : 2 : 9 (3) 10 : 10 : 9  
(4) 9 : 9 : 10 (5) None of these
13. A, B and C invest their capitals in a business. If the ratio of their periods of investments are 2 : 3 : 6 and their profits are in the ratio of 4 : 5 : 6. Find the ratio in which the investments are made by A, B and C.  
(1) 9 : 10 : 12 (2) 4 : 5 : 6 (3) 8 : 5 : 12  
(4) 6 : 5 : 3 (5) None of these

14. A, B and C invest their capitals in a business. If the ratio of their periods of investments are 7 : 3 : 5 and their profits are in the ratio of 2 : 1 : 2. Find the ratio in which the investments are made by A, B and C.  
 (1) 30 : 35 : 42 (2) 7 : 6 : 10 (3) 42 : 30 : 35  
 (4) 42 : 25 : 35 (5) None of these
15. A, B and C are partners. A receives  $\frac{2}{7}$  of the profit and B and C share the remaining profit equally. A's income is increased by ₹ 240 when the profit rises from 10% to 15%. Find the capitals invested by B and C each.  
 (1) ₹ 2400 (2) ₹ 1200 (3) ₹ 4800  
 (4) ₹ 6000 (5) None of these
16. A, B and C are partners. A receives  $\frac{5}{8}$  of the profit and B and C share the remaining profit equally. A's income is increased by ₹ 450 when the profit rises from 4% to 9%. Find the capitals invested by B and C each.  
 (1) ₹ 3366 (2) ₹ 1687.5 (3) ₹ 3475  
 (4) ₹ 2700 (5) None of these
17. Two partners invest ₹ 26000 and ₹ 16250 respectively in a business and agree that 40% of the profit should be divided equally between them and the remaining profit is to be treated as interest on capital. If one partner gets ₹ 450 more than the other, find the total profit made in the business.  
 (1) ₹ 3250 (2) ₹ 3520 (3) ₹ 3230  
 (4) ₹ 3200 (5) None of these
18. Two partners invest ₹ 17000 and ₹ 13000 respectively in a business and agree that 75% of the profit should be divided equally between them and the remaining profit is to be treated as interest on capital. If one partner gets ₹ 532 more than the other, find the total profit made in the business.  
 (1) ₹ 16960 (2) ₹ 14960 (3) ₹ 16950  
 (4) ₹ 15960 (5) None of these
19. A and B invested in the ratio 5 : 3 in a business. If 10% of the total profit goes to charity and A's share is ₹ 900, find the total profit.  
 (1) ₹ 1600 (2) ₹ 1400 (3) ₹ 1500  
 (4) ₹ 1800 (5) None of these
20. A and B invested in the ratio 4 : 9 in a business. If 8% of the total profit goes to charity and A's share is ₹ 460, find the total profit.  
 (1) ₹ 2625 (2) ₹ 2526 (3) ₹ 1526  
 (4) ₹ 1625 (5) None of these
21. Three partners A, B and C together invested ₹ 14400 in a business. At the end of the year, A got ₹ 1250, B got ₹ 2500 and C got ₹ 3750 as profit. How much amount did C invest?  
 (1) ₹ 2400 (2) ₹ 4800 (3) ₹ 7200  
 (4) ₹ 9600 (5) None of these
22. Three partners A, B and C together invested ₹ 36000 in a business. At the end of the year, A got ₹ 4200, B got ₹ 7000 and C got ₹ 9800 a profit. How much amount did B invest?  
 (1) ₹ 7200 (2) ₹ 12000 (3) ₹ 16800  
 (4) ₹ 12500 (5) None of these
23. A puts ₹ 375 more in a business than B, but B has invested his capital for 4 months while A has invested his for 8 months. If the share of A is ₹ 75 more than that of B out of the total profit of ₹ 125, find the capital contributed by B?  
 (1) ₹ 750 (2) ₹ 375 (3) ₹ 735  
 (4) ₹ 573 (5) None of these
24. A puts ₹ 768 more in a business than B, but B has invested his capital for 7 months while A has invested his for 4 months. If the share of A is ₹ 42 more than that of B out of the total profits of ₹ 358, find the capital contributed by B?  
 (1) ₹ 642 (2) ₹ 1400 (3) ₹ 632  
 (4) ₹ 462 (5) None of these
25. A and B invest ₹ 3000 and ₹ 4000 in a business. A receives ₹ 10 per month 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 year 'A' totally receives ₹ 390, what does B receive?  
 (1) ₹ 630 (2) ₹ 360 (3) ₹ 480  
 (4) ₹ 380 (5) None of these
26. A sum of money is to be divided among A, B and C in the ratio 2 : 3 : 7. If the total share of A and B together is ₹ 1500 less than C, what is A's share in it?  
 (1) ₹ 1000 (2) ₹ 1500 (3) ₹ 2000  
 (4) Data inadequate (5) None of these

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| 1. (1)  | 2. (3)  | 3. (2)  | 4. (4)  | 5. (1)  | 6. (3)  | 7. (1)  | 8. (1)  | 9. (3)  | 10. (3) |
| 11. (4) | 12. (4) | 13. (4) | 14. (1) | 15. (4) | 16. (4) | 17. (1) | 18. (4) | 19. (1) | 20. (4) |
| 21. (3) | 22. (2) | 23. (2) | 24. (3) | 25. (2) | 26. (2) |         |         |         |         |