

# APTITUDE QUIZ

**1. Aman started a business investing Rs. 70,000. Rakhi joined him after six months with an amount of Rs. 1,05,000 and Sagar joined them with Rs. 1.4 lakhs after another six months. The amount of profit earned should be distributed in what ratio among Aman, Rakhi and Sagar respectively, 3 years after Aman started the business?**

- A. 7 : 6 : 10
- B. 12 : 15 : 16
- C. 42 : 45 : 56
- D. Cannot be determined

**2. Arun, Kamal and Vinay invested Rs. 8000, Rs. 4000 and Rs. 8000 respectively in a business. Arun left after six months. If after eight months, there was a gain of Rs. 4005, then what will be the share of Kamal?**

- A. Rs. 890
- B. Rs. 1335
- C. Rs. 1602
- D. Rs. 1780

**3. Simran started a software business by investing Rs. 50,000. After six months, Nanda joined her with a capital of Rs. 80,000. After 3 years, they earned a profit of Rs. 24,500. What was Simran's share in the profit?**

- A. Rs. 9,423
- B. Rs. 10,250
- C. Rs. 12,500
- D. Rs. 10,500

**4. A, B and C enter into a partnership. They invest Rs. 40,000, Rs. 80,000 and Rs. 1,20,000 respectively. At the end of the first year, B withdraws Rs. 40,000, while at the end of the second year, C withdraws Rs. 80,000. In what ratio will the profit be shared at the end of 3 years?**

- A. 2 : 3 : 4
- B. 3 : 2 : 4
- C. 3 : 2 : 1
- D. 3 : 4 : 7

**5. Simran started a software business by investing Rs. 50,000. After six months, Nanda joined her with a capital of Rs. 80,000. After 3 years, they earned a profit of Rs. 24,500. What was Simran's share in the profit?**

- A. Rs. 9423
- B. Rs. 10,250
- C. Rs. 12,500
- D. Rs. 14,000
- E. None of these

**6. A and B started business in partnership investing Rs. 20,000 and Rs. 15,000 respectively. After six months, C joined them with Rs. 20,000. What will be B's share in the total profit of Rs. 25,000 earned at the end of 2 years from the starting of the business?**

- A. Rs. 7500
- B. Rs. 9000
- C. Rs. 9500
- D. Rs. 10,000
- E. None of these

**7. Aman started a business investing Rs. 70,000. Rakhi joined him after six months with an amount of Rs. 1,05,000 and Sagar joined them with Rs. 1.4 lakhs after another six months. The amount of profit earned should be distributed in what ratio among Aman, Rakhi and Sagar respectively, 3 years after Aman started the business?**

- A. 7:6:10
- B. 12:15:16
- C. 42:45:56
- D. Cannot be determined
- E. None of these

**8. A, B and C enter into a partnership. They invest Rs. 40,000, Rs. 80,000 and Rs. 1,20,000 respectively. At the end of the first year, B withdraws Rs. 40,000, while at the end of the second year, C withdraws Rs. 80,000. IN what ratio will the profit be shared at the end of 3 years?**

- A. 2:3:5
- B. 3:4:7
- C. 4:5:9
- D. None of these

**9. A began a business with Rs. 85,000. He was joined afterwards by B with Rs. 42,500. For how much period does B join, if the profits at the end of the year are divided in the ratio of 3 : 1?**

- A. 4 months
- B. 5 months
- C. 6 months
- D. 8 months

**10. X and Y started a business with capitals Rs. 20000 and Rs. 25000. After few months Z joined them with a capital of Rs. 30000. If the share of Z in the annual profit of Rs. 50000 is Rs. 14000, then after how many months from the beginning did Z join?**

- A. 7
- B. 6
- C. 3
- D. 4
- E. None of these

**11. P and Q started a business investing Rs. 85,000 and Rs. 15,000 respectively. In what ratio the profit earned after 2 years be divided between P and Q respectively?**

- A. 3:4
- B. 3:5
- C. 15:23
- D. 17:23
- E. None of these

**12. Anand and Deepak started a business investing Rs. 22,500 and Rs. 35,000 respectively. Out of a total profit of Rs. 13,800, Deepak's share is:**

- A. Rs. 5400
- B. Rs. 7200
- C. Rs. 8400
- D. Rs. 9600

**13. A, B, C enter into a partnership investing Rs. 35,000, Rs. 45,000 and Rs. 55,000 respectively. The respective shares of A, B, C in annual profit of Rs. 40,500 are:**

- A. Rs. 10,500, Rs. 13,500, Rs. 16,500
- B. Rs. 11,500, Rs. 13,000, Rs. 16,000
- C. Rs. 11,000, Rs. 14,000, Rs. 15,500
- D. Rs. 11,500, Rs. 12,500, Rs. 16,500

**14. 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?**

- A. Rs. 1883.78
- B. Rs. 2380
- C. Rs. 3690
- D. Rs. 3864

**15.A and B start a business, with A investing the total capital of Rs.50000, on the condition that B pays A interest @ 10% per annum on his half of the capital. A is a working partner and receives Rs.1500 per month from the total profit and any profit remaining is equally shared by both of them. At the end of the year, it was found that the income of A is twice that of B. Find the total profit for the year?**

- A. 53000
- B. 58000
- C. 50000
- D. 59000

**16. A, B and C started a business with capitals of Rs. 8000, Rs. 10000 and Rs. 12000 respectively. At the end of the year, the profit share of B is Rs. 1500. The difference between the profit shares of A and C is?**

- A. Rs. 300
- B. Rs. 400
- C. Rs. 500
- D. Rs. 600
- E. None of these

**17. A started a business with an investment of Rs. 70000 and after 6 months B joined him investing Rs. 120000. If the profit at the end of a year is Rs. 52000, then the share of B is?**

- A. Rs. 28000
- B. Rs. 24000
- C. Rs. 30000
- D. Rs. 26000
- E. None of these

**18. Four car rental agencies A, B, C and D rented a plot for parking their cars during the night. A parked 15 cars for 12 days, B parked 12 cars for 20 days, C parked 18 cars for 18 days and D parked 16 cars for 15 days. If A paid Rs. 1125 as rent for parking his cars, what is the total rent paid by all the four agencies?**

- A. Rs. 4500
- B. Rs. 4800
- C. Rs. 5250
- D. Rs. 6150
- E. None of these

**19. P and Q started a business with respective investments of Rs. 4 lakhs and Rs. 10 lakhs. As P runs the business, his salary is Rs. 5000 per month. If they earned a profit of Rs. 2 lakhs at the end of the year, then find the ratio of their earnings?**

- A. 2 : 5
- B. 5 : 2
- C. 3 : 5
- D. 1 : 1
- E. None of these

**20. A, B and C invests Rs.2000, Rs.3000 and Rs.4000 in a business. After one year A removed his money; B and C continued the business for one more year. If the net profit after 2 years be Rs.3200, then A's share in the profit is?**

- A. Rs.1000
- B. Rs.600
- C. Rs.800
- D. Rs.400

## ANSWERS

- 1. B
- 2. A
- 3. D
- 4. D
- 5. E
- 6. A
- 7. B
- 8. B
- 9. D
- 10. E
- 11. E
- 12. C
- 13. A
- 14. B
- 15. D
- 16. D
- 17. B
- 18. D
- 19. D
- 20. D