Partnership

Type I-Basic Questions (Time is same)

1) P, Q, R hired Taxi for Rs. 680 and used it for 3, 5, 9 hours. Respectively hire charges paid by Q are:
A)Rs 100   B)Rs 200
C)Rs 300   D)Rs 350

2) If 8 (P's Capital) = 10 (Q's Capital) = 12 (R's Capital), then out of the total profit of Rs 2590, Q will receive?
A) Rs. 740   B) Rs. 630   C)Rs.840
D) Rs. 730   E) None

3) P, Q and R invested Rs. 45k, Rs. 70k and 90k respectively to start a business. At the end of two years, they earned a profit of Rs. 164k. What will be the Q's share in the profit?
A)Rs. 56k   B)Rs. 35k
C)Rs. 72k   D)Rs. 72k

4) Puneet, Sumit and Amit started a business jointly investing Rs. 11 lakh, 16.5 lakh and 8.25 lakh respectively. The profit earned by them in the business at the end of three years was Rs. 19.5 lakh. What will be the half of Amit's share in the profit?
A)Rs 4.5 lakh   B)Rs 2.25 lakh
C)Rs 2.5 lakh   D)Rs 3.75 lakh

5) Mukul, Atul and Rahul started a business. Mukul invested 2/7th of the total investment and the total investment of Mukul and Atul is equals to the investment of Rahul. If they distributed profit in the capital ratio and Atul received Rs 1530, find the total profit.
A)Rs 6550   B)Rs 6920   C)Rs 7140
D)Rs 7350   E)Rs 7560

Type II- Time is given (Time is different)

1) 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?
A)5 : 7 : 8   B)20 : 49 : 64
C)38 : 28 : 21   D)None of these

2) A invested Rs 25,300 for 7 months, B invested Rs 25,200 for 11 months and C invested Rs 27,500 fir 7 months. Find the share of A and C together out of a total profit of Rs33,600.
A) Rs 18,600   B) Rs 17,500   C)Rs19,500
D) Rs 21,500   E) Rs 19,200

3) Ananya, Dhairya and Chintu started a business investing Rs. 10000, 15000, 18000 respectively. Ananya kept the money for whole year, Dhairya kept his entire amount for 9 months and Chintu kept his money for 7 months. If after a year, Chintu earned Rs. 2100, find the difference between the profit of Ananya and Dhairya.
A)Rs 200   B)Rs 250   C)Rs 160   D)Rs 300

4) P and Q started a retail store with initial investments in the ratio 5 : 6 and their annual profits were in the ratio 2 : 3. If P invested the money for 8 months. For how many months did Q invest his money?
A)5   B)6   C)8   D)10

5) M and N invested in a business in which M invest 250 rupee more than N. N invested for 6 months while M invested for 4 months. If M get 200 more than N out of a total profit of 1000. Then the total amount invested in the business.
A) 550 B) 650 C) 750 D) 850 E) None

6) Prabhu initiated his business with (1/2) of the total capital for (1/4)th of the time . His brother Sunny invests (1/3) of the capital for (1/2)th of the time and Prabhu's friend Tarun invests the remaining capital for the whole time. Find the share of Tarun in the total profit of Rs. 1,21,000.
A) Rs.20,000   B) Rs.24,500   C)Rs.50,000
D) Rs.33,420   E) Rs.44,000

Type III- After some time second partner joins

1) Gita started a business investing Rs. 60000. After six months Kanchan joined her with Rs. 90000. After another six months Rekha also joined them with Rs. 1.35 lakh. The profit earned at the end of 3 years when Gita started the business should be distributed among Gita, Kanchan and Rekha in the ratio of
A)4 : 5 : 6   B)6 : 7 : 8   C)6 : 8 : 7   D)6 : 5 : 4

2) P starts business with Rs.4500 and after 9 months, Q joins with P as his partner. After a year, the profit divided in the 3 : 5. What is Q's contribution in the capital?
A)Rs. 5,000   B)Rs. 10,000
C)Rs. 20,000   D)Rs.30,000

3) P and Q enter into partnership. P invests some money at beginning, Q invests double the amount after 4 months and R invests thrice the amount after 8 months. If the annual profit be Rs.32000, R's share is?
A)Rs 12,000   B)Rs 15,000   C)Rs 32,000
D)Rs 35,000   E)Rs 9600

4) 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

5)) Shubham invested Rs. 2250 in a business and after some time Shivam also join him and invested Rs. 2500. At the end of year Shivam received Rs. 2750 profit out of Rs. 6050. After how much time did he join the business?
A)9   B)6   C)4   D)8   E)None of these

6) Arun and Vibha started a business by investing Rs 20,000 and Rs 16,000 respectively. After 4 months, Tisha joined them by investing Rs 24,000. Also Arun and Vibha both added Rs 3000. Find the difference in profits of Arun and Tisha if after a year they get Rs 26,880 as profit.
A) Rs 2430   B) Rs 2880   C) Rs 2920
D) Rs 2220   E) Rs 1850

Type IV- Addition/Withdrawal of capital

1) Priya started a business by investing Rs 2050. After 7 months she is joined by Varun and Rekha. If after 7 months Priya withdraws Rs 300, Varun invests Rs 2310 and Rekha invests Rs 2730, then find the share of profit of Varun and Rekha together out of total profit of Rs 11500 after a year.
A) Rs 6500   B) Rs 6320   C) Rs 6560
D) Rs 6500   E) Rs 6000

2) P & Q entered in to partnership P investing Rs 8000 and Rs 6000 respectively. After 3 months P withdrew Rs 2000 while Q invested Rs 2000 more. After 3 more months, R joins the business with a capital of Rs 11000. The share of Q exceeds that of R. Out of the a total profit of Rs 35,100 after one year by.
A)Rs 2300   B)Rs 3600   C)Rs 3800   D)Rs 4200

3) A and B entered into partnership with capitals in the ratio 4 : 5. After 3 months, A withdrew 1/4 of his capital and B withdrew 1/5 of his capital. The gain at the end of 10 months was Rs. 760. A's share in this profit is:
A)Rs. 330   B)Rs. 360   C)Rs. 380   D)Rs. 430

4) At the beginning of a partnership business, the capital of B was 3/2 times that of A. after 8 months B withdrew 1/2 of his capital and after 10 months A withdrew 1/4th of his capital. At the end of the year. if the profit incurred is Rs. 53,000. Find the amount received by A.
A)Rs. 30,800   B)Rs. 32,000
C)Rs. 30,000   D)Rs. 23,000

5) A,B and C enter into a partnership with Rs 4000, Rs 6000 and Rs 8000 respectively. After 4 months A withdrew 25% and after 6 months B add 16(2/3)% and after 8 months C withdrew 25% , find the profit earned by A if they get a total profit of Rs 7500 after 1 year.
A) Rs 1000   B) Rs 2000   C)Rs3000
D) Rs 4000   E) None of these

6) P, Q and R start a business with Rs30,000, Rs40,000 Rs50,000 respectively. P stays for the entire year. Q leaves the business after two months but re-joins after another 4months but only 3/4 of his initial capital. R leaves after 3 months and re-joins after another 5months but with only 4/5 of his capital. If the year-end profit is Rs 27,900, how much more than Q did R get?
A) Rs1500   B) Rs9300   C)Rs3100
D) Rs12, 400   E) None

Type V- Active and sleeping partner

1) Edwin started a business with Rs.25000 and after 4 months, Thomas joined him with Rs.60000. Edwin received Rs.58000 including 10% of profit as commission for managing the business. What amount did Thomas receive?.
A) Rs 80,000   B) Rs 72,000   C)Rs65,000
D) Rs 82,000   E) None

2) A, B and C jointly thought of engaging themselves in a business venture. It was agreed that A would invest Rs. 6500 for 6 months, B, Rs. 8400 for 5 months and C, Rs. 10,000 for 3 months. A wants to be the working member for which, he was to receive 5% of the profits. The profit earned was Rs. 7400. Calculate the share of B in the profit.
A)Rs.1900   B)Rs.2660
C)Rs.2800   D)Rs.2840

3) There are two persons Ranit and Ratan. Ranit supplies whole of the capital amounting to Rs. 45000 with the condition that the profits are to be equally distributed and that Ratan pays Ranit interest on half of the capital at 10% per annum, but receives, Rs. 120 per month for carrying on the concern. What is their total yearly profit , when Ratan's income is 1/2 of Ranit's income.
A)Rs.9000   B)Rs.8750   C)Rs.9180
D)Rs.6660   E)Rs.7542

4) M and N are partners in a firm out of which M is sleeping partner and N is working partner. M invests Rs. 1,80,000 and N invests Rs. 90,000. N receives 14.5% of profit for managing the business and the rest is shared between both in ratio of their investments. M's share in the profit of Rs. 24000 is ?
A) Rs10100   B) Rs11500   C)Rs12520
D) Rs13680   E) None

Type VI- Miscellaneous questions

1) A, B and C are partners 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. 5,000. How much did A receive ?
A)Rs. 5,000   B)Rs. 4,000
C)Rs. 3,000   D)Rs. 1,000

2) In a business A and C invested amounts in the ratio 2 : 1 whereas A and B invested amounts in the ratio 3 : 2. If their annual profit be Rs. 157300, then B's share in the profit is
A)Rs. 24200   B)Rs. 24200
C)Rs. 48000   D)Rs. 48400

3) Saurabh, Sanjay and Shubham started a business by investing some money for equal time. Saurabh invested Rs. x, Sanjay invested 75% of Saurabh's investment and 80% of the Shubham's investment. Shubham earned Rs. 10500 of the total profit, Find the total profit.
A)Rs. 35400   B)Rs. 36200
C)Rs. 32500   D)Rs. 30100

4) A, B and C enter into a partnership in the ratio $\frac{7}{2} : \frac{4}{3} : \frac{6}{5}$. After 4 months, A increases his share 50%. If the total profit at the end of one year be Rs. 21,600, then B's share in the profit is:
A)Rs. 2100   B)Rs. 2400   C)Rs. 3600   D)Rs. 4000

5) 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:
A) Rs.1425   B) Rs.1500
C) Rs.1537.50   D) Rs.1576

6) X and Y invested the amount for a year in the ratio of 3:5. If the next year X invested 10% more money and Y took back 12% of his investment and X gets Rs. 3450 of the total profit. Find the total profit.
A)Rs. 8000   B)Rs.8250   C)Rs. 8350   D)Rs. 8050

7) Azad invested Rs 55000 in a cosmetic shop for the whole year. After 4 months of Azad, Hind joined him and invested Rs 70000. Next year Azad invested Rs 10000 more and Hind withdrew Rs 10000 and at the end of two years profit earned by Azad is Rs 32375. Find the total profit if they distributed half of the total profit equally and rest in the capital ratio.
A)Rs 89600   B)Rs 75600   C)Rs 52800
D)Rs 62900   E)None of these

8) Two partners invest Rs 120000 and Rs 84000 in a business and agree that 70% of the profit should be divided equally between them and the remaining profit is to be treated as interest on capital. If one person gets Rs 900 more than the other then find the total profit made in the business.
A) Rs 17,000   B) Rs 20,000   C) Rs 5,100
D) Rs 18,000   E) None of these

Directions (9-10): A, B and C started a business by investing Rs 800, Rs 1600 and Rs 2000 respectively. After a quarter they invested amounts in a ratio 1 : 4 : 2. After another quarter, they invested amounts in ratio 3 : 2 : 3.In the last quarter the ratio of investments was same as in 2nd quarter. Also in the last quarter, the respective amounts of A, B and C was double than the respective amounts invested in 2nd quarter. The total investment of C before 4th quarter was Rs 1400 more than that of A during same duration. Also ratio of B's share in profit to total profit at the end of year was 66 : 153.
9)Find the total investment of A, B and C.
A) Rs 10,200   B) Rs 11,300   C)Rs9,800
D) Rs 10,080   E) Rs 11,090

10) If they respectively had invested same amounts in each quarter after quarter 1 which is equal to their respective investments in quarter 1, then what would be the profit of A at the end of year out of a total profit of Rs 19,350?
A) Rs 2510   B) Rs 3320   C)Rs2560
D) Rs 3150   E) None of these

Data Sufficiency Questions

11)-12) Each of the questions given below consists of a statement and / or a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statement(s) is / are sufficient to answer the given question. Read the both statements and
Give answer (A) if the data in Statement I alone are sufficient to answer the question, while the data in Statement II alone are not sufficient to answer the question.
Give answer (B) if the data in Statement II alone are sufficient to answer the question, while the data in Statement I alone are not sufficient to answer the question.
Give answer (C) if the data either in Statement I or in Statement II alone are sufficient to answer the question.
Give answer (D) if the data even in both Statements I and II together are not sufficient to answer the question.
Give answer(E) if the data in both Statements I and II together are necessary to answer the question.

11)Ravi, Gagan and Nitin are running a business firm in partnership. What is Gagan's share in the profit earned by them?
I.Ravi, Gagan and Nitin invested the amounts in the ratio of 2 : 4 : 7.
II.Nitin's share in the profit is Rs. 8750.

12) Rahul, Anurag and Vivek started a business together. In what proportion would the annual profit be distributed among them?
I.Rahul got one-fourth of the profit.
II.Rahul and Vivek contributed 75% of the total investment.

Type I		Type II		Type III		Type IV		Type V		Type VI			
1.	B	**1.**	B	**1.**	A	**1.**	E	**1.**	B	**1.**	B	**7.**	S
2.	C	**2.**	E	**2.**	D	**2.**	B	**2.**	B	**2.**	D	**8.**	A
3.	A	**3.**	B	**3.**	E	**3.**	A	**3.**	C	**3.**	D	**9.**	A
4.	B	**4.**	D	**4.**	B	**4.**	D	**4.**	D	**4.**	D	**10.**	D
5.	C	**5.**	B	**5.**	E	**5.**	B			**5.**	B	**11.**	**E**
		6.	E	**6.**	B	**6.**	A			**6.**	D	12	E