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ST. LAWRENCE HIGH SCHOOL



A Jesuit Christian minority Institution

Subject: Mathematics

Class- X

Date:01/05/2020

Worksheet-22

Chapter- Partnership business

Topic- Real life problems related to partnership business

1.Choose the correct alternative.

1x15=15

a) Mita didi, sahana bibi and Amal kaku started a business with capital Rs 15000, Rs10000 and Rs 17500.Find the ratio of their capital.

i) 6:7:4 ii) 6:4:7 iii) 4:6:7 iv) none of these

b)If profit at the end of the year is Rs 4250. How much Amal kaku will get in The question mentioned in question no. (a)

i) Rs 1750 ii) Rs 1250 iii) Rs 1500 iv) none of these

c) Mariya and Sayan started a business with capital Rs 25000 and Rs 35000. After dividing $\frac{1}{3}$ rd part of profit equally , how much sayan will get at the end of the year, if profit is Rs 36000 .

i) Rs 12000 ii) Rs 20000 iii) Rs 14000 iv) none of these

d) Abhra, Tanvir, Amrita and Tathagtha together started a business with capitals Rs 15000, Rs 21000, Rs 30000and Rs 45000. What is their ratio of capital ?

i) 5:7:10:15 ii) 5:15 :7 :10 iii) 7:5 :15 :10 iv) none of these

e)If Profit is Rs 20424 in the Question no. (d) ,Then Amrita will get

i) Rs 2550 ii) Rs 5220 iii) Rs 5520 iv) none of these

f) Jaya started a business with capital of Rs 10000 then Sulekha joined her business after 6 months with Rs 14000. What is their ratio of capital?

i) 10:7 ii) 7: 10 iii) 5:7 iv) none of these

g) At the end of year if the profit of them mentioned in question no (f) is Rs 5100, then Sulekha will get

i) Rs 3500 ii) Rs 2100 iii) Rs 3000 iv) none of these

h) Manish started a business with Rs 3750 after 6 months Rajat joined with Rs 15000. Find ratio of their capital.

i) 2:1 ii) 1:2 iii) 3:1 iv) none of these

i) In the question no (h) at the end of the year loss amount is Rs 6900. What is Manisha's loss?

i) Rs 3200 ii) Rs 2100 iii) Rs 2300 iv) none of these

j) What is the minimum number of partners needed for partnership business?

i) 3 ii) 2 iii) 4 iv) none of these

k) A, B, C started a business with their investments in the ratio 1:3 :5 .After 4 months A invested the same amount as before and B as well as C withdrew half of their capital. Find The ratio of their profit at the end of the year.

i) 5:6 :10 ii) 10 :6:5 iii) 6:5:10 iv) none of these

l) 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 of profit is Rs 855. Find total profit.

i) Rs 2000 ii) Rs 1500 iii) Rs 3500 iv) none of these

m) 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 of 3:1?

i) 8 months ii) 6 months iii) 4 months iv) none of these

n) If $4(A's\ capital) = 6(B's\ capital) = 10(C's\ capital)$. Profit is Rs Rs 4650. Find C's share.

i) Rs 1000 ii) Rs 900 iii) Rs 1500 iv) none of these

o) A and B started a business jointly . A's investment is thrice the B's investment and A's period is twice the B's period of investment. If B receives Rs 4000 as profit. Find total profit.

i) Rs 28000 ii) Rs 22000 iii) Rs 32000 iv) none of these

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