# ST. LAWRENCE HIGH SCHOOL

## A Jesuit Christian minority Institution

Subject: Mathematics                    Class- X                    Date:01/05/2020

### Answer key of    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.

   Ans   ii) 6:4:7

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)

   Ans  i)Rs 1750

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

   Ans   ii) Rs 20000

 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 ?

    Ans  i) 5:7:10:15

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

Ans    iii) Rs 5520

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?

Ans i) 10:7

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

Ans  ii) Rs2100

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

Asn  ii) 1:2

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

Ans    iii) Rs 2300

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

Ans   ii) 2

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.

Ans i) 5:6 :10

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.

Ans     ii) Rs 1500

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?

Ans  i) 8 months

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

Ans   ii) Rs 900

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.

 Ans  i) Rs 28000

Aparajita Mondal