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# ST. LAWRENCE HIGH SCHOOL



## A Jesuit Christian minority Institution

Subject: Mathematics

Class- X

Date:02/05/2020

### Worksheet-23

#### Chapter- Partnership business

#### Topic- Real life problems related to partnership business

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1.Choose the correct alternative.

1x15=15

a) A,B and C enter into a business with a capital in which A's contribution is Rs 10,000 if out of a total profit Of Rs 1000A gets Rs 500 and B gets Rs 300,Then find C's capital

i) Rs 5000    ii) rs 7000    iii)Rs 4000    iv) none of these

b) Simran started a 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 24500. What was Simran's share of profit?

i) Rs 10500    ii) Rs 12500    iii) Rs 14500    iv) none of these

c) A,B, C enter into a partnership business. They investRs 40,000, Rs 80,000 and Rs 1,20,000 respectively. At the end of the first year B withdraws Rs 40,000 and at the end of second year C withdraws Rs 80,000, In what ratio profits will be shared?

i) 4:3 :7    ii) 3:4:7    iii) 7:3:4    iv) none of these

d)Two partners invested Rs 1250 and Rs 850 respectively in a business. They distributed 60% of the profit for charity and divide the rest as ratio of their capitals,then one partner gets Rs 30 more than the other.Find total profit.

i) Rs 393.75    ii) Rs 375 .95    iii) Rs 395.75    iv) none of these

e) In a partnership business Capital invested by 3 friends are Rs 200, Rs 150 and Rs 250, find ratio of their profit

i) 5:3:4 ii) 4:3:5 iii) 3:4:5 iv) none of these

f) Suwendu and Nausad started a business with the capital Rs 1500 and Rs 1000 respectively. At the end of the year loss is Rs 75. Suwendu's loss is

i) Rs 45 ii) Rs 30 iii) Rs 25 iv) Rs 40

g) A, B and C started a business with total Rs 6000. After one year they got Rs 50, Rs 100 and Rs 150 as profits. How much B has contributed?

i) Rs 1000 ii) Rs 2000 iii) Rs 3000 iv) none of these

h) Pallavi has invested Rs 500 for 9 months and Shreya has invested Rs 600 for 5 months. What is their ratio profit?

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

i) In a partnership business Raju and Alok invested in the ratio of 5:4. If Raju gets Rs 80 as profit. Find total profit

i) Rs 150 ii) Rs 144 iii) Rs 154 iv) none of these

j) If partners in a business invest their capital for different time period that is known as \_\_\_\_\_ partnership business

i) Compound ii) simple iii) complex iv) none of these

k) Samir, Ankur and Antony invested in the ratio  $1/6 : 1/5 : 1/4$ . At the end of the year total profit is Rs 3700. Profit share of Antony is

i) Rs 1500 ii) Rs 1200 iii) Rs 1700 iv) none of these

l) In partnership business ratio of capital of Pritha and Rabeya is 2:3 and ratio of capital of Rabeya and Jasmine is 4:5. What is the ratio of capital of Pritha, Rabeya and Jasmine?

i) 15:12:8 ii) 8:12:15 iii) 15:8:12 iv) none of these

m) In a partnership business total profit is Rs 1500. Capital of Rajib is Rs 6000 and profit Rs 900. Find capital of his partner

i) Rs 5000 ii) Rs 3000 iii) Rs 4000 iv) none of these

**n) In a partnership business ratio of capital of 3 friends is 3:8:5 . Profit share of the first friend is Rs 60 less than that of the third friend. Find total profit**

**i) Rs 500 ii) Rs 480 iii) Rs 450 iv) none of these**

**o) Jayanta ,Ajit and kunal invested Rs 15000 together. At the end of the year their share of profit are Rs 800 ,Rs 1000 and Rs 1200 respectively. Find Jayanta's share of capital.**

**i) Rs 4000 ii) Rs 5000 iii) Rs 6000 iv) none of these**

**Aparajita Mondal**

