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ST. LAWRENCE HIGH SCHOOL



A Jesuit Christian minority Institution

Subject: Mathematics

Class- X

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Answer key of Worksheet-5

Chapter- Partnership business

Topic- Real life problems related to partnership business

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

Ans iii)Rs 4000

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?

Ans i) Rs 10500

c) A,B, C enter into a partnership business. 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 and at the end of second year C withdraws Rs 80,000, In what ratio profits will be shared?

Ans ii) 3:4:7

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.

Ans i) Rs 393.75

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

Ans ii) 4:3:5

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

Ans i) Rs 45

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?

Ans ii) Rs 2000

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

Ans i) 3:2

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

Ans ii) Rs 144

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

Ans i) Compound

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

Ans i) Rs 1500

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?

Ans ii) 8:12:15

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

Ans iii) Rs 4000

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

Ans ii) Rs 480

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.

Ans i) Rs 4000

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