PARTNERSHIP - SOLVED EXAMPLES

Q 1 - If an amount of Rs. 100000 and 150000 invested by two person A and B respectively. If the earned profit of Rs. 24000 than what should be the share of A and B?

A - Rs 8600, Rs 12400

B - Rs 9600, Rs 14400

C - Rs 10600, Rs 15400

D - Rs 11600, Rs 16400

Answer - B

Explanation

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Ratio of investment of A and B = 100000 : 150000 = 2:3
Share of A  = (24000*2/5 ) = Rs. 9600
Share of B = ( 24000*3/5 ) = Rs. 14400
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Q 2 - If an amount of Rs. 20000 and Rs. 25000 invested by two partners in a business. But B left the business hand C joined the business with the capital of Rs. 15000 after the period of 4 year. An amount of Rs. 46000 earned as profit by the firm then what should be the share in profit of C?

A - Rs. 12000

B - Rs. 11000

C - Rs. 10000

D - Rs. 9000

Answer - A

Explanation

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A: B: C =  (2000*12): (25000*12): (15000*8)=  12:5:6
Share of C = (46000* 6/23) = Rs. 12000
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Q 3 - Partners of a firms are A, B and C. Conditions of investments are: twice the A investment is equal to thrice the capital of B and the capital of B is four times in the comparison of C capital. What should be the share in profit of B if profit earned by Rs. 297000?

A - Rs 108000

B - Rs 118000

C - Rs 128000

D - Rs 138000

Answer - A

Explanation

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If capital of C be Rs. x . then Capital of B = 4x Rs.
2( A's capital) = 3(B's capital) = Rs. (3*4x) = Rs. 12x
∴   A's capital = Rs. 6x
⟹ A's capital + B's capital + C's capital = 11x = 297000
⟹ x = 27000
∴ B's share: 4x = Rs 108000
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Q 4 - With an amount of Rs. 21000 started business by A. after some time , B joined the business by investing amount of Rs. 36000. If profit of the firm divided equally between them then find out how many month after B join the business?

A - 1

B - 5

C - 3

D - 4

Answer - B

Explanation

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We assume that after the period of x month B joined the business.
Capital of A = (21000*12)= Rs. 252000
Capital of B = {36000* (12-x) }= Rs. (432000-36000x)
252000= 432000- 36000x ⟹ 36000x= 180000 ⟹ x= 5
Hence, B joined after 5 months.
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Q 5 - If Rs. 1460 rent for a shadow hired by three person which are A,B and C. A puts in 10 cow for 20 days, B 30 cows for 8 days and C 16 cows for 9 days. How much rent paid by each partner?

A - 300, 400, 500

B - 200, 300, 380

C - 500, 600, 360

D - 100,200, 300

Answer - C

Explanation

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A, B and C  paid rent in the ratio = (10*20): (30*8): (16*9) = 25:30:18
Rent paid by A = Rs.( 1460* 25/73) = Rs. 500
Rent paid by B = Rs. (1460*30/730= Rs. 600
Rent paid By C = Rs. (1460* 18/73) = Rs. 360
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