

Solution-10

Average profit = Simple Average of pure profit of last few years

$$\text{Simple Average profit} = \frac{1,80,000+2,40,000+3,00,000}{3} = \frac{7,20,000}{3} = ₹ 2,40,000$$

Normal Profit = Capital Employed x Normal Rate of Return = 10,00,000 x 15% = ₹1,50,000

Super Profit = Average Profit – Normal profit

$$\text{Super Profit} = 2,40,000 - 1,50,000 = ₹ 90,000$$

Goodwill = Super Profit X Number of years purchased

$$\text{Goodwill} = 90,000 \times 2 = 1,80,000$$

