

$$\text{Goodwill} = \text{Super Profit} \times \frac{100}{\text{Normal Rate of Return}}$$

Super Profit = Average Profit – Normal profit

$$\text{Normal Profit} = (17,00,000 - 2,00,000) \times 15\% = ₹ 2,25,000$$

$$\text{Super Profit} = 3,00,000 - 2,25,000 = ₹ 75,000$$

$$\text{Goodwill} = \text{Super Profit} \times \frac{100}{\text{Normal Rate of Return}} = 75,000 \times \frac{100}{15} = ₹ 5,00,000$$

