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

Simple Average profit = $\dfrac{17,000+20,000+23,000}{3}$ = $\dfrac{60,000}{3}$ = ₹ 20,000

Normal Profit = Capital Employed x Normal Rate of Return = 80,000 x 15% = ₹ 12,000

Super Profit = Average Profit – Normal profit

Super Profit = 20,000 – 12,000 = ₹ 8,000

Goodwill = Super Profit X Number of years purchased

Goodwill = 8,000 x 2 = ₹ 16,000