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JOURNAL

Date	Particulars	L.F.	Debit (Rs.)	Credit (Rs.)
2017 Apr 1	Cash A/c Dr To Raghav's Capital A/c To Premium for Goodwill A/c (Being Raghav brought his share of capital and goodwill premium in cash)		8,50,000	6,00,000 2,50,000
	Premium for Goodwill A/c Dr To Asha's Capital A/c To Aditi's Capital A/c (Being premium distributed among the partners)		2,50,000	1,50,000 1,00,000

Working Notes

Calculation of Adjusted Profit

2013-14	3,50,000 - 56,250 = 2,93,750
2014-15	4,75,000 - 56,250 = 4,18,750
2015-16	6,70,000 - 56,250 = 6,13,750
2016-17	7,45,000 - 56,250 - 15,000 = 6,73,750

Total profit = 2,93,750 + 4,18,750 + 6,13,750 + 6,73,750 = Rs. 20,00,000

Average profit = $\frac{20,00,000}{4}$ = Rs. 5,00,000

Goodwill = Average Profit x Number of Years' Purchase
 = 5,00,000 x 2 = Rs. 10,00,000

Raghav's share of goodwill = 10,00,000 x $\frac{1}{4}$ = Rs. 2,50,000 to be shared by Asha and Aditi in 3: 2 ratio.