Old Profit Sharing Ratio

Α	В	С
3	2	1

New Partner Admitted

D

New Partners Share

1/4

New Partner share of Goodwill

30000

Total Goodwill for firm

120000

C's Gain

10000

A's Sacrifice to D

22500

B's Sacrifice to D

7500

A's Sacrifice to C

7500

B's Sacrifice to C

2500

Find Sacrificing Ratio:

Old Profit Sharing Ratio

А	В	С	Total
3	2	1	6

New Profit Sharing Ratio

А	В	С	D	Total
1	1	1	1	4

Sacrificing Ratio

А	В	С	
1/4	1/12	- 1/12	or

3	1	Gain
3	1	Gairi

Revaluation A/c

		/ -		
Particulars	Amount	Particulars	Amount	
		By Furniture	9500	
		By Business Premises	20500	
		By Debtors	3000	
To Profit on Revaluation :				
To A's Capital A/c	16500			
To B's Capital A/c	11000			
To C's Capital A/c	5500			-33000
	33000	†	33000	
1	<u> </u>	=		

Note: Amount receivable from Mohan is added in Debtors.

Alternatively if we consider it just a promise then we may not record the same In that case the revaluation profits and Debtors will be lesser by Rs 3000

					• •				
Particulars	Α	В	С	D	Particulars	Α	В	С	D
					By Balance B/d	120000	120000	120000	
					By Revaluation A/c-Profit	16500	11000	5500	
					By Bank A/c				120000
To A's Capital A/c			7500		By Premium for Goodwil	22500	7500		

To B's Capital A/c			2500		By C's Capital A/c	7500	2500	
				0				
To Balance c/d	166500	141000	115500	120000				
		000						
Total	166500	141000		120000	Total	166500	141000	120000

Balance Sheet

Liabilities	Amount	Assets	Amount	
Creditors	20000	Furniture	104500	
O/s Salary and Wages	7200	Business Premises	225500	
		Stock-in-trade	40000	
		Debtors	31000	(28000 + 3000)
A's Capital A/c	166500	Cash at Bank	165000	
B's Capital A/c	141000	Cash in Hand	4200	
C's Capital A/c	115500			
D's Capital A/c	120000			
	570200		570200	-

0

Cash/Bank A/c

Particulars	Amount	Particulars	Amount
To Balance B/d	15000		

To D's Capital A/c TO Premium for Good	120000 30000	By Balance C/d	165000
Total	165000	Total	165000

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Old Profit Sharing Ratio	Deepika	Rajshree
	3	2

New Partner Admitted Anshu

New Partners Share 1/5 22200 X 1 / 5

New Partner share of Goodwill 4440

Deepika's share in Goodwill 2220 Rajshree's share in Goodwill 2220

Anshu's Capital 32000 X 5/1

Capital based on New partner share 160000 (32000 X 5/1)

Total Capital of New Firm 137800 (Deepika + Rajshree + Anshu)

Goodwill i.e. Difference 22200

Find Sacrificing Ratio:

Old Profit Sharing Ratio

	Deepika	Rajshree	Total
Ī	3	2	5

New Profit Sharing Ratio

Deepika	Rajshree	Anshu	Total

5	3	2	10

Sacrificing Ratio

Deepika	Rajshree	
1/10	1/10	or
1	1	

Revaluation A/c

Particulars	Amount	Particulars	Amount
To Prov for Doubtful Debts	3200	By Plant and Machinery	12000
To Furniture	1000	By Stock	8000
To O/s Salary	8000	By Land and Building	10000
To Profit on Revaluation:			
To Deepika's Capital A/c	10680		
To Rajshree's Capital A/c	7120		
	30000		30000

-17800

Partners Capital A/c (Before Adjustment for G/w)

Particulars	Deepika	Rajshree	Anshu	Particulars	Deepika	Rajshree	Anshu
				By Balance B/d	48000	40000	
				By Revaluation A/c-Profit	10680	7120	
				By Bank A/c			32000

To Balance c/d	58680	47120	32000				
Total	58680	47120	32000	Total	58680	47120	32000

Partners Capital A/c (After Adjustment for G/w)

Particulars	Deepika	Rajshree	Anshu	Particulars	Deepika	Rajshree	Anshu
				By Balance B/d	58680	47120	32000
				By Anshu's Current A/c	2220	2220	
To Balance C/d	60900	49340	32000				
	60900	49340	32000		60900	49340	32000

Anshu Current A/c

Particulars	Amount Pa	rticulars	Amount
To Deepika Cap A/c	2220		
To Rajshree Cap A/c	2220		
	Ву	Balance C/d	4440
Total	4440	Total	4440

Balance Sheet

Liabilities	Amount	Assets		Amount
Sundry Creditors	16000	Cash in Hand		1200
Public Deposits	61000	Cash at Bank		34800
Bank Overdraft	6000	Stock		40000
Outstanding Liabilitie	10000	Prepaid Insurance	е	1000
		Sundry Deb	28800	
		Less - Prov	4000	24800

Deepika's Capital A/c	60900	Plant and Machinery	60000
Rajshree's Capital A/o	49340	Land and Building	60000
Anshu's Capital A/c	32000	Furniture	9000
		Anshu Current A/c	4440
	235240		235240

0

** In the solution in the book the bank overdraft has been adjusted in bank balance

This is not necessary as the question itself has given the bank overdraft as separate account

This means that they are separate bank accounts. Some acount has positive and some has negative balance

Cash/Bank A/c

Particulars	Amount	Particulars	Amount
To Balance B/d	2800		
To Z's Capital A/c	32000		
		By Balance C/d	34800
Total	34800	Total	34800

73 Even though this question asks only for Journal entries but here it is solved fully to explain the concept of solving such type of questions

Old Profit Sharing Ratio

Atul	Amit	Total
3	2	5

New Partner Admitted

Abhay

Abhay's Share in profits	1/4	
Abhay's Share in Goodwill	5000	(20000 X 1/4)
Valuation of Goodwill		

2019	2500
2020	2500
2021	10000
2022	25000

Total profits 40000

Average Profits 10000 No of years Purchase Value of Goodwill for firm 20000

Bank A/c Dr.. 70000

To Abhay's Capital A/c 65000 To Premium for Goodwill A/c 5000

Premium for Goodwill A/c 5000 Dr..

To Atul's Current A/c 3000 (5000 X 3/5) To Amit's Current A/c 2000 (5000 X 2/5)

Creditors A/c Dr.. 10000

> To Abhay's Capital A/c 10000

Revaluation A/c

Particulars	Amount	Particulars	Amount
To Furniture A/c	3000	By Plant & Machinery A/o	18000

To Stock	4000	
To Prov for Doubtful Debts	2500	
To Profit on Revaluation :		
To Atul's Current A/c	5100	
To Amit's Current A/c	3400	
	18000	18000

-8500

Partners Current A/c

Particulars	Atul	Amit	Abhay	Particulars	Atul	Amit	Abhay
				By Balance B/d	70000	50000	
				By Revaluation A/c-Profit	5100	3400	
				By Premium for Goodwill A/c	3000	2000	
To Balance c/d	78100	55400					
Total	78100	55400	0	Total	78100	55400	0

Particulars	Atul	Amit	Abhay	Particulars	Atul	Amit	Abhay
			By Balance B/d		100000	100000	
				By Bank A/c			65000
				By Creditors			10000

To Balance c/d	100000	100000	0 75000				
Total	100000	100000	75000	Total	100000	100000	75000

Balance Sheet						
Liabilities	Amount					
Creditors	30000	Plant & Machinery	,	198000		
Bills Payable	10000	Furniture		27000		
Capital A/s		Computer		10000		
Atul's Capital A/c	100000	Stock		36000		
Amit's Capital A/c	100000	Debtors	50000			
Abhay's Capital A/c	75000	Less - Prov	2500	47500		
Current A/c		Bills Receivable		10000		
Atul Current A/c	78100	Cash		10000		
Amit Current A/c	55400	Bank		110000		
	448500			448500		

0 Bank A/c

Particulars	Amount	Particulars	Amount
To Balance B/d	40000		
To Premium for Goodwill	5000		
To Abhay's Capital A/c	65000	By Balance C/d	110000
Total	110000	Total	110000

To Revaluation A/c (Being Prov for Doubtful debts reversed as no longer required)		40000
Land and Buildings A/c Dr To Revaluation A/c	40000	40000
Revaluation A/c Dr To Plant and Machinery	20000	20000
Workmen Compenstion Reserve A/c Dr To Workmen Compensation Claim A/c To Sunaina Current A/c To Tamanna Current A/c	50000	20000 18000 12000
Creditors A/c Dr To Bills Payable A/c (Being Creditors converted to Bills Payable)	40000	40000
Bank A/c Dr To Pranav Capital A/c To Premium for Goodwill A/c	110000	100000 10000
Premium for Goodwill A/c Dr To Sunaina Current A/c To Tamanna Current A/c	10000	6000 4000
Revaluation A/c Dr To Sunaina Current A/c To Tamanna Current A/c (Being revaluation profits distributed in old ratio)	60000	36000 24000

General Reserve A/c Dr.. 120000

To Sunaina Current A/c 72000
To Tamanna Current A/c 48000

(Being General reserve distributed among old partners)

Sunaina Current A/c Dr.. 12000
Tamanna Current A/c Dr.. 8000

To Goodwill A/c 20000

(Being Old Goodwill written off)

Working Note:

Revaluation A/c

		•	
Particulars	Amount	Particulars	Amount
To Plant and Machinery	20000	By Prov for Doubtful Deb	40000
		By Land and Buildings	40000
To Profit on Revaluation :			
To Sunaina Capital A/c	36000		
To Tamanna Capital A/c	24000		
	80000		80000

-60000

75

Old Profit Sharing Ratio

Jay	Veeru

3	2

New Partner AdmittedSriNew Partners Share2/9

New Partner share of Goodwill 36000 (162000 X 2/9)

Jay's share in Goodwill25200Veeru's share in Goodwill10800

Goodwill Valuation:

Total Profits for last 3 years 243000 (90000 + 78000 + 75000)

Average profits for last 3 years 81000

No of Years Purchase 2

Goodwill i.e. 2 Times 162000

Find Sacrificing Ratio:

Old Profit Sharing Ratio

Jay	Veeru
3	2

New Profit Sharing Ratio

Jay	Veeru	Z
4	3	2

Sacrificing Ratio

Jay	Veeru	
7/45	1/15	or
7	3	

Revaluation A/c

Amount 600	Particulars By Accrued Income	Amount
600	By Accrued Income	
	by Accided income	4500
15000		
6000		
	By Loss on Revaluation:	
	By Jay's Capital A/c	10260
	By Veeru's Capital A/c	6840
21600		21600
	6000	By Loss on Revaluation : By Jay's Capital A/c By Veeru's Capital A/c

17100

Partners Current A/c

Particulars	Jay	Veeru	Sri	Particulars	Jay	Veeru	Sri
				By Balance B/d	30000	6000	
To Revaluation A/c-Loss	10260	6840					
To Investments	18000			By Premium for Goodwill	25200	10800	
To Bank A/c-G/w withdrawn	12600	5400		By General Reserve	21600	14400	
To Goodwill A/c-Old G/w W/o	18000	12000					
To Balance c/d	17940	6960					
Total	76800	31200	0	Total	76800	31200	0

Particulars	Jay	Veeru	Sri	Particulars	Jay	Veeru	Sri
To Balance C/d	180000	90000	60000	By Balance B/d	180000	90000	

			By Bank A/c
180000	90000	60000	

		60000
180000	90000	60000

Balance Sheet

Liabilities	Amount	Assets		Amount
Creditors	45000	Cash at Bank		93000
O/s Rent	15000	Debtors	60000	
		Less - Prov	3000	57000
X's Current A/c	17940	Patents		44400
Y's Current A/c	6960	Fixed Assets		216000
		Accrued Income		4500
Jay's Capital A/c	180000			
Veeru's Capital A/c	90000			
Sri's Capital A/c	60000			
	414900			414900

0

Cash/Bank A/c

Particulars	Amount	Particulars	Amount
To Balance B/d	15000	To Jay's Current A/c	12600
To Sri's Capital A/c	60000	To Veeru's Current A/c	5400
To Premium for Goodwill	36000	By Balance C/d	93000
Total	111000	Total	111000

Old Profit Sharing Ratio	Shiv	Mohan
	1	1

New Partner Admitted Z
New Partners Share 1/4
New Partner share of Goodwill 0

Shiv's share in Goodwill 0
Mohan's share in Goodwill 0

Goodwill Valuation: 0

Total Profits for last 3 years Average profits for last 3 years 1.5 Times Less -Goodwill

Revaluation A/c

Particulars	Amount	Particulars	Amount
To Workmen Compensation	10000	By Creditors	7500
To Prov for Doubtful Debts	2500		

By Loss on Revaluat	tion :	
By Shiv's Capital A/o	2500	
By Mohan's Capital	A/c 2500	
		5000
12500	12500	

Partners Current A/c

Particulars	Shiv	Mohan	Jea	Particulars	Shiv	Mohan	Jea
To Revaluation A/c-Loss	2500	2500		By Balance B/d	40000	30000	
To Balance c/d	37500	27500					
Total	40000	30000	0	Total	40000	30000	0

Particulars	Shiv	Mohan	Jea	Particulars	Shiv	Mohan	Jea
To Balance C/d	187500	127500	125000	By Balance B/d	150000	100000	
				By Bank A/c			125000
				By Current A/c	37500	27500	
	187500	127500	125000		187500	127500	125000

^{**} For converting Fixed Capital A/c to Fluctuating Capital A/c the balances in fluctuating capital A/c will be transferred to Capital A/c This transfer to be made only after the adjustments for current year are made in Current A/c only and not before that.

Balance Sheet

Liabilities	Amount	Assets		Amount
Creditors	102500	Land and Building		150000
Bills Payable	70000	Plant and Machine	ery	100000
Workmen Compensation	10000	Furniture and Fitt	ings	25000
Shiv's Loan A/c	50000	Stock		75000
		Debtors	75000	
		Less - Prov	7500	67500
Shiv's Capital A/c	187500	Bills Receivable		30000
Mohan's Capital A/c	127500	Bank		225000
Jea's Capital A/c	125000			
	672500		•	672500

0

Creditors A/c Dr..

To Bills Payable A/c

Cash/Bank A/c

Particulars	Amount	Particulars	Amount
To Balance B/d	50000		
To Z's Capital A/c	125000		

^{**} adjustment for B/P not recorded in books will not impact revaluation A/c Journal entry will be

 To X's Loan A/c
 50000 By Balance C/d
 225000

 Total
 225000
 Total
 225000

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Old Profit Sharing Ratio

Badal	Bijli	Total
3	2	5

New Partner AdmittedRainaNew Partners Share1/6New Partner share of Goodwill12000

New Profit sharing ratio

Badal	Bijli	Raina	Total
15	10	5	30
3	2	1	6

Revaluation A/c

Particulars	Amount	Particulars	Amount
To Building A/c	15000		
To Stock A/c	3000		
To Prov for Bad Debts	2000		
		By Loss on Revaluation:	
		By Badal's Current A/c	12000
		By Bijli's Current A/c	8000

		20000
20000	20000	

Partners Current A/c

Particulars	Badal	Bijli	Raina	Particulars	Badal	Bijli	Raina
To Balance B/d		2000		By Balance B/d	12000		
To Revaluation A/c-Loss	12000	8000					
				By Premium for Goodwill	7200	4800	
				By Investment Fluctuation Reserve	14400	9600	
				By Badal Capital A/c	30000		
				By Bijli Capital A/c		10000	
To Balance c/d	51600	14400					
Total	63600	22400	0	Total	63600	24400	0

Partners Capital A/c

Particulars	Badal	Bijli	Raina	Particulars	Badal	Bijli	Raina
To Badal Current A/c	30000			By Balance B/d	150000	90000	
To Bijli Current A/c		10000					
				By Bank A/c			40000
To Balance C/d	120000	80000	40000				
	150000	90000	40000		150000	90000	40000

Calculation of New Capital

Raina's Capital

40000

Raina's profit share 1/6 Total Capital of the new firm 240000.00 Badal Bijli Revised Capital of the partners 120000 80000 **Existing Capital** 150000 90000 Deficit/Surplus -30000 -10000 W W

Not required in the answer. Shown here only for understanding

Balance Sheet

Liabilities		Amount	Assets		Amount	
Creditors		26000	Building		135000	
Bills Payable		8000	Investments		73000	
Current A/c's			Stock		40000	
Badal	51600		Debtors	20000		
Bijli	14400	66000	Less - Prov	2000	18000	
Badal's Capital A/c		120000			74000	22000 + 40000 + 12000
Bijli's Capital A/c		80000				
Raina's Capital A/c		40000				
	=	340000	•	:	340000	•

0

Cash/Bank A/c

Particulars	Amount	Particulars	Amount
To Balance B/d	22000		
To Raina's Capital A/o	40000		

To Premium for Good	12000	By Balance C/d	74000
Total	74000	Total	74000

Note:

When current A/c are opened only for capital adjustment then the other adjustment entries like revaluation, goodwill will go in capital A/c only

However if the balance sheet given in question already have current A/c then the adjustment entries will go in current A/c only

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Old Profit Sharing Ratio

Gautam	Yashica	Total
3	1	4

New Partner AdmittedAsmaNew Partners Share3/8New Partner share of Goodwill50000

Find Sacrificing Ratio:

Old Profit Sharing Ratio

Gautam	Yashica	Total
3	1	4

New Profit Sharing Ratio

Gautam	Yashica	Asma	Total
3	2	3	8

Sacrificing Ratio

Gautam	Yashica	
3/8	0	or

Sacrifice

Revaluation A/c

Nevaluation Ay C							
Particulars	Amount	Particulars	Amount				
To Machinery A/c	21000	By Stock A/c	70000				
To Furniture A/c	5000						
To Prov for Bad Debts	8000						
To Profit on Revaluation:							
To Gautam's Capital A/c	27000						
To Yashica's Capital A/c	9000						
	70000		70000				

-36000

Particulars	Gautam	Yashica	Asma	Particulars	Gautam	Yashica	Asma	
				By Balance B/d	400000	100000		
				By Revaluation A/c-Profit	27000	9000		
				By Bank A/c			210000	
				By Premium for Goodwill	50000			
To Gautam Current A/c	267000			By Yashica Current A/c		31000		
To Balance c/d	210000	140000	210000					
Total	477000	140000	210000	Total	477000	140000	210000	

Partners Current A/c

Particulars	Gautam	Yashica	Asma	Particulars	Gautam	Yashica	Asma
To Yashica Capital A/c		31000		By Gautam Capital A/c	267000		
To Balance C/d	267000		0	By Balance C/d		31000	
	267000	31000	0		267000	31000	0

Calculation of New Capital

Asma's Capital 210000 Asma's profit share 3/8 Total Capital of the new firm 560000.00 Yashica Gautam Revised Capital of the partners 210000 140000 **Existing Capital** 477000 109000 Deficit/Surplus -267000 31000 Withdraw Bring IN

Balance Sheet

Liabilities	Amount	Assets		Amount
Sundry Creditors	50000	Furniture		55000
Bills Payable	30000	Stock		210000
Current A/c's				
Gautam	267000	Debtors	80000	
		Less - Prov	8000	72000

Capital A/c :			Cash in Hand	350000
Gautam	210000		Machinery	189000
Yashica	140000		Yashica Current A/c	31000
Asma	210000	560000		
		907000		907000

0

Cash/Bank A/c

Particulars	Amount	Particulars	Amount
To Balance B/d	90000		
To Asma's Capital A/o	210000		
To Premium for Good	50000	By Balance C/d	350000
Total	350000	Total	350000

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Old Profit Sharing Ratio

Χ	Υ	Total
2	1	3

New Partner Admitted Z
New Partners Share 1/4
New Partner share of Goodwill 15000

New Profit sharing ratio

Х	Υ	Z	Total
6	3	3	12

2	1	1	4

X's share in Goodwill 10000 (Sacrificing ratio same as old ratio)
Y's share in Goodwill 5000 (Sacrificing ratio same as old ratio)

Total Goodwill of the firm

Revaluation A/c

Particulars	Amount	Particulars	Amount	
To Printer A/c	1000	By X's Capital A/c	2000	
To Fixed Assets	13700	By Stock A/c	1000	
		By Loss on Revaluation :		
		By X's Capital A/c	7800	
		By Y's Capital A/c	3900	
				11700
	14700		14700	

Partners Capital A/c **Particulars** Χ Υ Ζ **Particulars** Χ Ζ By Balance B/d 75000 62000 To Revaluation A/c-Loss 7800 3900 To Bank A/c - G/W Withdrawn 5000 2500 By Premium for Goodwill 10000 5000

To Investments	10000			By Bank A/c - Capital Introduced By General Reserve	12000	6000	40000
To Bank A/c To Balance c/d	80000	26600 40000		By Bank A/c	5800		
Total	102800	73000	40000	Total	102800	73000	40000

Calculation of New Capital

Z's Capital		40000
Z's profit share		1/4
Total Capital of the new firm		160000
	Χ	Υ
Revised Capital of the partners	80000	40000
Existing Capital	74200	66600
Deficit/Surplus	5800	-26600
	Bring In	Withdraw

Balance Sheet

Liabilities	Amount	Assets	Amount
Sundry Creditors	25000	Cash/Bank	31700
		Sundry Debtors	15000
		Stock	11000
		Printer	4000
		Fixed Assets	123300
X's Capital A/c	80000		
Y's Capital A/c	40000		

Z's Capital A/c	40000	
	185000	185000

0

Cash/Bank A/c

Particulars	Amount	Particulars	Amount
To Balance B/d	5000	By X's Capital A/c - G/w Withdrawn	5000
To Z's Capital A/c	40000	By Y's Capital A/c - G/w Withdrawn	2500
To Premium for Goodwill	15000	By Y's Capital A/c-Cap Adj	26600
To X's Capital A/c	5800	By Balance C/d	31700
Total	65800	Total	65800

80

Old	Profit	Sharing	Ratio
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Kalpana	Kanika	Total
3	1	4

New Partner AdmittedKarunaNew Partners Share1/4New Partner share of Goodwill6000

Kalpana 's share in Goodwill 4500 Kanika's share in Goodwill 1500

Total Goodwill of the firm 24000

New Profit sharing ratio Kalpana Kanika Karuna Total

9	3	4	16
			0

Revaluation A/c

		<u>, </u>	
Particulars	Amount	Particulars	Amount
To Plant and Machinery	10000	By Land and Building	25000
		By Prov for Doubtful Debts	400
		By Creditors	1200
To Profit on Revaluation:			
To Kalpana 's Capital A/c	12450		
To Kanika's Capital A/c	4150		
	26600		26600

Particulars	Kalpana	Kanika	Karuna	Particulars	Kalpana	Kanika	Karuna
				By Balance B/d	50000	80000	
				By Revaluation A/c-Profit	12450	4150	
				By Karuna Current A/c	4500	1500	
				By Bank A/c			60000
				By General Reserve	7500	2500	
To Kanika Current A/ To Balance c/d	 c 135000	43150 45000		By Kalpana Current A/c	60550		
Total	135000	88150	60000	Total	135000	88150	60000

Partners Current A/c

Particulars	Kalpana	Kanika	Karuna	Particulars	Kalpana	Kanika	Karuna
To Kalpana Capital A/	′ c		4500				
To Kanika Capital A/c			1500	By Kanika Capital A/c		43150	
To Kalpana Capital A	60550						
To Balance C/d		43150		By Balance C/d	60550		6000
	60550	43150	6000		60550	43150	6000

Calculation of New Capital

Karuna's Capital60000Karuna's profit share1/4Total Capital of the new firm240000

Kalpana Kanika

Revised Capital of the partners 135000 45000 (Based on new profit ratio)

Existing Capital 74450 88150

Deficit/Surplus 60550 -43150

Bring In Withdraw

Balance Sheet

Liabilities	Amount	Assets		Amount
Creditors	68800	Land and Building	3	65000
		Plant and Machin	ery	60000
		Stock		30000
		Debtors	35000	

Kanika's Current A/c	43150	Less - Prov 600	34400
		Investments	26000
Kalpana 's Capital A/o	135000	Cash	70000
Kanika's Capital A/c	45000	Kalpana's Current A/c	60550
Karuna's Capital A/c	60000	Karuna's Current A/c	6000
	351950		351950

0

Cash/Bank A/c

Particulars	Amount	Particulars	Amount
To Balance B/d	10000		
To C's Capital A/c	60000		
		By Balance C/d	70000
Total	70000	Total	70000