



BK BIRLA CENTRE FOR EDUCATION
SARALA BIRLA GROUP OF SCHOOLS
SENIOR SECONDARY CO-ED DAY CUM BOYS' RESIDENTIAL SCHOOL



PRE BOARD III (2024-25)

ACCOUNTANCY (055)

MARKING SCHEME

Class : **XII Commerce**

Date : **13/01/2025**

Duration: **3 Hr**

Max. Marks: **80**

1.	(A) Both (A) and (R) are correct and (R) is the correct explanation of (A) OR (D) Only (R) is correct but (A) is not correct	(1)												
2.	(A) At the beginning of every month	(1)												
3.	(D) Rs.75,000	(1)												
4.	(B) 6:4:3	(1)												
5.	(C) <table border="0"><tr><td>Ajay's Capital A/c</td><td>Dr</td><td>4,000</td><td></td></tr><tr><td>Sanjay's Capital A/c</td><td>Dr</td><td>4,000</td><td></td></tr><tr><td>To Vijay's Capital A/c</td><td></td><td></td><td>8,000</td></tr></table>	Ajay's Capital A/c	Dr	4,000		Sanjay's Capital A/c	Dr	4,000		To Vijay's Capital A/c			8,000	(1)
Ajay's Capital A/c	Dr	4,000												
Sanjay's Capital A/c	Dr	4,000												
To Vijay's Capital A/c			8,000											
6.	(B) Rs.44,400	(1)												
7.	(A) 5:4	(1)												
8.	(D) Rs.46,400	(1)												
9.	(A) A partnership firm should have minimum 2 partners	(1)												
10.	(A) Both statements are true	(1)												
11.	(C) Only (A) is correct but (R) is not correct OR (C) Only (A) is correct but (R) is not correct	(1)												
12.	(C) By Partner's Capital A/c 40,000	(1)												
13.	(C) By Partner's Capital A/c 40,000 OR (B) 5,20,000	(1)												
14.	(C) 12% p.a.	(1)												
15.	(A) Interest on debenture is an appropriation of profits OR (B) Debenture cannot be issued at discount.	(1)												
16.	(C) 8,000	(1)												

17.

Amar and Samar with fixed capital of Rs.1,00,000 and Rs.1,50,000

IOC at 10% = 10,000 and 15,000 = 25,000

As profit for year ended 31st March 2023 is 20,000 less than IOC 25,000. IOC capital will be divided in capital ratio = 2:3(Capital contribution ratio) 8,000 and 12,000Profit for the year ended 31st March 2024 is 30,000 more than 25,000 first IOC will be provided and excess distributed in PSR 5:3

In the books of Amar and Samar

Journal

Date	Particulars	LF	Amount(Dr)	Amount(Cr)
31-3-23	Interest on Capital A/c Dr		20,000	
	To Amar's Current A/c			8,000
	To Samar's Current A/c			12,000
	(Being interest on capital credited to current Current a/c of partners)			
	Profit and Loss Appropriation A/c Dr		20,000	
	To Interest on Capital A/c			20,000
	(Being interest on capital transferred)			

Date	Particulars	LF	Amount(Dr)	Amount(Cr)
31-3-24	Interest on Capital A/c Dr		25,000	
	To Amar's Current A/c			10,000
	To Samar's Current A/c			15,000
	(Being interest on capital credited to current Current a/c of partners)			
	Profit and Loss Appropriation A/c Dr		25,000	
	To Interest on Capital A/c			25,000
	(Being interest on capital transferred)			
	Profit and Loss Appropriation A/c Dr		5,000	
	To Amar's Current A/c			3,125
	To Samar's Current A/c			1,875
	(Being profit distributed)			

.6 marks for each journal .6 X5 = 3

OR

Profit and Loss Appropriation A/c

Particulars	Amount	Particulars	Amount
To interest on capital		By Profit and Loss A/c	42,375
Mandeep capital A/c 12,500		(Net profit transferred)	
Pradeep capital A/c 7,500	20,000		
		By interest on drawings	
To Share of profit trasferred		Mandeep's capital A/c 1,125	
Mandeep's capital A/c 15,000		Pradeep's capital A/c 1,500	2,625
Pradeep's capital A/c 10,000	25,000		
	45,000		45,000

1 mark each for calculation of correct IOC, IOD and share of profit.

(3)

18.	Adjustment Table					(3)	
	Particulars	31-3-21	31-3-22	31-3-23	31-3-24		
	Profits	35,000	30,000	40,900	45,810		
	Add: Machinery purchased		10,000				
	Less: Depreciation		(1,000)	(900)	(810)		
	Adjusted profit	35,000	39,000	40,000	45,000		
<p>Goodwill = 3 years purchase of average profit Average profit = $(35,000 + 39,000 + 40,000 + 45,000)/4 = 1,59,000/4 = 39,750$ Goodwill = $39,750 \times 3 = 1,19,250$ 1 mark for adjusted profit, 1 mark for average profit and 1 mark for goodwill (1+1+1)</p>							
19.	Journal					(3)	
	Date	Particulars	LF	Amount(Dr)	Amount(Cr)		
	31-3-24	Workmen compensation reserve A/c Dr		30,000			
		To Claim for workmen compensation a/c			20,000		
		To Aster's Capital A/c			5,000		
		To Lily's Capital A/c			3,000		
		To Rose's Capital A/c			2,000		
		(Being excess of claim of workmen's compensation distributed among partners)					
		Investment Fluctuation reserve A/c Dr		25,000			
		To Investment A/c			15,000		
		To Aster's Capital A/c			5,000		
		To Lily's Capital A/c			3,000		
		To Rose's Capital A/c			2,000		
		(Being decrease in value of investment adjusted and excess distributed among partners)					
	1.5 marks for each journal (1.5 + 1.5)						
	20.	<p>i) $1,20,000 - \{ (3000 \times 4) + (4000 \times 2) \}$ $1,20,000 - 20,000 = 1,00,000$ in 3:2 Aman = 60,000 and Raman = 40,000</p> <p>ii) $1 - 1/5 = 4/5$ $4/5 \times 3/5 = 12/25$; $4/5 \times 2/5 = 8/25 = \text{NPSR} = 12:8:5$</p> <p>iii) Journal</p>					(3)
Date		Particulars	LF	Amount(Dr)	Amount(Cr)		
		Motor Vehicles A/c Dr		1,40,000			
		Bank/Cash A/c Dr		70,000			
		To Suman's Capital A/c			1,40,000		
		To Premium for goodwill A/c			70,000		
		(Being Scotties and Premium for goodwill brought in by the new partner)					
		Premium for goodwill A/c Dr		70,000			
		To Aman's Capital A/c			42,000		
		To Suman's Capital A/c			28,000		
		(Being premium for goodwill transferred)					
.5 mark each for share of profit and New PSR and 2 mark for journal.							

21.

Sunny Ltd
Journal

(4)

Date	Particulars	LF	Amount(Dr)	Amount(Cr)
	Bank A/c Dr		10,80,000	
	To Share Application A/c			10,80,000
	(Being application money received on 2,70,000 shares at Rs.4 each)			
	Share Application A/c Dr		10,80,000	
	To Share Capital A/c			10,80,000
	(Being application money transferred)			
	Share Allotment A/c Dr		13,50,000	
	To Share Capital A/c			13,50,000
	(Being allotment money due at Rs.5 each)			
	Bank A/c Dr		13,50,000	
	To Share Allotment A/c			13,50,000
	(Being allotment money received)			
	Share First and Final Call A/c Dr		2,70,000	
	To Share Capital A/c			2,70,000
	(Being first and final call money due at Re.1 each)			
	Bank A/c Dr		2,70,000	
	To Share First and Final Call A/c			2,70,000
	(Being allotment money received)			

Balance Sheet of Sunny Ltd as at -----

Particulars	Note No.	Amount
EQUITY AND LIABILITIES		
Shareholders' Fund		
Share Capital	1	27,00,000

Notes to Account

1. Share Capital	
Authorised Capital	
5,00,000 shares of Rs 10 each	50,00,000
Issued Capital	
3,00,000 shares of Rs.10 each	30,00,000
Subscribed Capital	
Subscribed and fully paid	
2,70,000 shares of Rs 10 each	27,00,000

3 marks for journal and 1 mark for Notes to Account

22.

ABC LTD.
JOURNAL

Date	Particulars	LF	Amount (Dr)	Amount (Cr)
1.08.23	Bank A/c Dr		10,40,000	
	To Debenture Application and Allotment A/c			10,40,000
	(Being application money received on debenture			
	Debenture Application and Allotment A/c Dr		10,40,000	

	Loss on issue of debentures A/c	Dr	80,000	
	To 9% Debenture A/c			10,00,000
	To Securities Premium A/c			40,000
	To Premium on redemption of debenture A/c			80,000
	(Being debenture issued at 4% premium redeemable at 8% premium)			
31.03.24	Interest on Debenture A/c	Dr	60,000	
	To Debenture holders A/c			60,000
	(Being interest due on debentures for 8 months)			
	Debenture holders A/c	Dr	60,000	
	To Bank A/c			60,000
	(Being interest paid to debenture holder)			
	Statement of Profit and Loss	Dr	60,000	
	To Interest on Debenture A/c			60,000
	(Being interest transferred to statement of P & L)			

OR
Star India Ltd.
JOURNAL

Date	Particulars	LF	Amount (Dr)	Amount (Cr)
	Bank A/c		11,00,000	
	To Debenture Application and Allotment A/c			11,00,000
	(Being application money received on 10,000 debenture issued at 10% premium)			
	Debenture Application and Allotment A/c	Dr	11,00,000	
	To 8% Debenture A/c			10,00,000
	To Securities Premium A/c			1,00,000
	(Being 8% debentures allotted at 10% premium)			

BALANCE SHEET OF STAR INDIA Ltd. as at ---

Particulars	Note. No.	Amount
EQUITY and LIABILITIES		
Shareholders Fund		
Reserves and Surplus	1	1,00,000
Non- Current Liabilities		
Long term borrowings	2	10,00,000
ASSETS		
Current Assets		
Cash and Cash equivalents	3	11,00,000

Note to Accounts

1. Reserves and Surplus		
Securities Premium		1,00,000
2. Long term borrowings		
10,000 ; 8% Debenture of 100 each		10,00,000
3. Cash and Cash equivalents		
Cash at Bank		11,00,000

23.

Priti, Varsh and Sunita = of 13:12:10. Varsha died on 1st July 2024 and her share was taken by the continuing partners in 3:1 ratio

Varsha's share = $12/35$ is taken in 3:1

Priti took = $12/35 \times 3/4 = 9/35$ so new ratio = $13/35 + 9/35 = 22/35$

Sunita took = $12/35 \times 1/4 = 3/35$ so new ratio = $10/35 + 3/35 = 13/35$ NEW PSR = **22:13**

Goodwill of Varsha = $98,000 \times 12/35 = 33,600$ in 3:1 = 25,200 : 8,400

Profit till the date of death = $1,05,000 \times 12/35 \times 3/12 = 9,000$

Capital A/c

Particulars	Priti	Varsha	Sunita	Particulars	Priti	Varsha	Sunita
To Varsha'	25,200		8,400	By Bal b/d	1,40,000	90,000	1,10,000
To invest		1,25,000		By GR	26,000	24,000	20,000
To Bank		31,600		By Priti's		25,200	
To Bal c/d	1,40,800		1,21,600	By Sunita's		8,400	
				By P/L sus.		9,000	
	1,66,000	1,56,600	1,30,000		1,66,000	1,56,600	1,30,000

Balance Sheet of Priti and Sunita as at 1st July 2024

Liabilities	Amount	Assets	Amount
Capital A/c		Land and Building	1,50,000
Priti 1,40,800		Plant and Machinery	1,00,000
Sunita 1,21,600	2,62,400		
		Debtors	20,000
Creditors	25,000	Cash at Bank	8,400
		(40,000 – 31,600)	
		Profit & loss Suspense A/c	9,000
	2,87,400		2,87,400

1 mark for NPSR; .5 each for Goodwill and share of profit till date of death; 2 marks each for Capital A/c and Balance Sheet (1+ .5 + .5 + 2 +2)

OR

Pratik, Vikram and Satish PSR of 8:7:5.

Partik and Satish 1:1

Gaining Ratio = Pratik = $1/2 - 8/20 = (10 - 8)/20 = 2/20$

Satish = $1/2 - 5/20 = (10 - 5)/20 = 5/20$

Goodwill of Vikram = $1,25,000 \times 7/20 = 43,750$ (in 2:5) = 12,500 : 31,250

Capital A/c of Vikram

Particulars	Amount	Particulars	Amount
To Bank A/c	18,750	By Balance b/d	1,85,000
		By Partik's capital	12,500
To Vikram's Loan A/c	2,10,000	By Satish's capital	31,250
	2,29,750		2,28,750

Vikram's Loan A/c

Date	Particulars	Amount	Date	Particulars	Amount
31/3/22	To Bank (70,000 + 12,600)	82,600	1/4/21	By Vikram's Capital A/c	2,10,000
	To Balance c/d	1,40,000	31/3/22	By interest A/c	12,600
		2,22,600			2,22,600
31/3/23	To Bank (70,000 + 8,400)	78,400	1/4/22	By Balance b/d	1,40,000
	To Balance c/d	70,000	31/3/23	By interest A/c	8,400
		1,48,400			1,48,400

31/3/24	To Bank (70,000 +4,200)	74,200	1/4/23	By Balance b/d	70,000
			31/3/24	By interest A/c	4,200
		74,200			74,200

2 marks for Capital A/c and 4 marks for Loan A/c

24.

Realisation A/c

Particulars	Amount	Particulars	Amount
To Sundry Assets		By Sundry Liabilities	
Land 2,00,000		Creditors 40,000	
Machinery 1,00,000		Tara's Loan 1,25,000	1,65,000
Office Equipment 40,000			
Inventory 35,000		By Bank	
Debtors 25,000	4,00,000	Land 2,40,000	
		Machinery 90,000	
To Surya's capital (Tara loan)	84,000	Debtors 20,000	3,50,000
To Chand's capital (Tara loan)	56,000	By Surya's capital (Office E)	15,000
To Bank (Creditors)	35,000	By Chand's Capital (inventory)	30,000
To Surya's capital (expenses)	5,000	By Loss transfer	
		Surya's Capital 12,000	
		Chand's Capital 8,000	20,000
	5,80,000		5,80,000

Capital A/c

Particulars	Surya	Chand	Particulars	Surya	Chand
To Realisation (Asset)	15,000	30,000	By Balance b/d	1,30,000	1,30,000
To Realisation (Loss)	12,000	8,000	By Realisation (Loan)	84,000	56,000
To Bank	1,92,000	1,48,000	By Realisation (Exp.)	5,000	
	2,19,000	1,86,000		2,19,000	1,86,000

Bank A/c

Particulars	Amount	Particulars	Amount
To Balance /d	25,000	By Realisation (Creditors)	35,000
To Realisation (Assets)	3,50,000	By Surya's Capital A/c	1,92,000
		By Chand's Capital A/c	1,48,000
	3,75,000		3,75,000

20 X .3 for each?

(6)

25.

Journal

(6)

Date	Particulars	LF	Amount(Dr)	Amount(Cr)
	Share Capital A/c Dr		15,000	
	To Calls in arrears A/c			5,000
	To Share forfeiture A/c			10,000
	(Being shares forfeited for non-payment of allotment and call money)			
	Bank A/c Dr (1,200 X 8)		9,600	
	Share forfeiture A/c Dr		2,400	
	To Share Capital A/c			12,000
	(Being 1,200 out of 1,500 forfeited shares reissued)			
	Share forfeiture A/c Dr		6,400	
	To Capital Reserve A/c			6,400
	(Being profit on reissue transferred)			

Calls in arrears

500 shares of Mr. Vinod $500 \times (4 + 2) = 3,000$ so share forfeiture = 2,000

1000 shares of Mr. Titto $1,000 \times 2 = 2,000$ so share forfeiture = 8,000

All shares of Titto were reissued so ONLY 200 of Vinod is reissued

Share of forfeiture of Mr. Vinod = $200 \times 4 = 800$ or $(200/500) \times 2,000 = 800$

Total share forfeiture = $(8,000 + 800)$ already used on reissue = 2,400

So transfer to capital reserve = 6,400

OR

Shares are payable as Rs.3; Rs.5; Rs.2 and Rs.2

So Rs.2 premium

Journal

	Particulars	LF	Amount Dr	Amount Cr
I	Share Capital A/c Dr (500 X 6)		3,000	
	Securities Premium A/c Dr (500 X 2)		1,000	
	To Share Allotment A/c (500 X 5)			2,500
	To Share Forfeiture A/c			1,500
	(Being share forfeited for non-payment of allotment including premium)			
II	Share Capital A/c Dr (700 X 8)		5,600	
	Securities Premium A/c Dr (700 X 2)		1,400	
	To Share Allotment A/c (700 X 5)			3,500
	To Share First Call A/c (700 X 2)			1,400
	To Share Forfeiture A/c			2,100
	(Being share forfeited for non-payment of allotment and first call money including premium)			
III	Share Capital A/c Dr (1,000 X 10)		8,000	
	To Share First Call A/c (1,000 X 2)			2,000
	To Share Final Call A/c (1,000 X 2)			2,000
	To Share Forfeiture A/c			6,000
	(Being share forfeited for non-payment of calls)			

2 marks for each journal (2X3 = 6)

26.		JOURNAL				(6)
Date	Particulars	LF	Amount (Dr)	Amount (Cr)		
	Bank A/c Dr		31,20,000			
	To Debenture Application and Allotment A/c			31,20,000		
	(Being issue of 30,000 ,9% debenture of 100 at premium of 4 each)					
	Debenture Application and Allotment A/c Dr		31,20,000			
	To 9% Debenture A/c			30,00,000		
	To Securities Premium A/c			1,20,000		
	(Being money transferred)					
	Sundry Assets A/c Dr		10,00,000			
	To Sundry Liabilities A/c			70,000		
	To Yield Ltd			9,30,000		
	(Being assets and liabilities transferred and consideration due)					
	Yield Ltd Dr		9,30,000			
	To Bank A/c			4,00,000		
	To 9% Debenture A/c			5,00,000		
	To Securities Premium A/c			30,000		
	(Being consideration paid partly in cash and partly by issue of 5,000 ,9% Debenture of 100 each at 6% premium)					
	Bank A/c Dr		5,00,000			
	To Loan from bank			5,00,000		
	(Being bank loan taken)					
	Debenture Suspense A/c Dr		6,00,000			
	To 9% Debenture A/c			6,00,000		
	(Being 6,000, 9% Debenture of 100 issued as collateral for the bank loan)					
PART B (Analysis of Financial Statements)						
27.	(B) (i) Other current liabilities (ii) Cash and Cash equivalents				(1)	
28.	(D) Statement 1 is false but 2 is true OR (A) Both (A) and (R) are correct and (R) is the correct explanation of (A)				(1)	
29.	(D) Rs.1,63,000 $1,26,800 + 1,08,200 - 72,000 = 1,63,000$				(1)	
30.	(A) Rs.10,000 Tax paid = Opening Provision + Provision made – Closing Provision $25,000 + 20,000 - 35,000 = 10,000$				(1)	
31.	Common Size Statement of Profit and Loss For the year ended 31 st March 2024				(3)	
	Particulars	Note No	31 st March 2024	% of Revenue		
	Revenue from Operations		20,00,000	100.00		
	Other Income		2,50,000	12.50		
	TOTAL REVENUE		22,50,000	112.50		
	Cost of Materials Consumed		10,50,000	52.50		
	Change in inventory		1,40,000	7.00		
	Employee Benefit Expenses		6,64,000	33.20		

	Depreciation and Amortization		1,36,000	6.80	
	Other Expenses		10,000	0.50	
	TOTAL EXPENSES		20,00,000	100.00	
	Profit Before Tax		2,50,000	12.50	
	Tax Rate 40%		1,00,000	5.00	
	Profit after Tax		1,50,000	7.50	
32	<p>Return on Investment = (Net Profit before Interest, Tax and Dividend/ Capital Employed) X 100 Let Net Profit before tax = 100 Tax = 35 (100 – 35) = 65 Before tax = (8,45,000/65) X 100 = 13,00,000 Interest = 10 % of 12,00,000 = 1,20,000 and 8% of 10,00,000 = 80,000 Net profit before tax and interest = 13,00,000 + 1,20,000 + 80,000 = 15,00,000 Capital Employed = Equity Shares + Preference Shares + Reserves and Surplus + Long term Borrowings = 21,00,000 + 8,50,000 + 4,00,000 + 4,50,000 + 12,00,000 + 10,00,000 = 60,00,000 Return on Investment = (15,00,000/60,00,000) X 100 = 25.00%</p> <p>.5 mark for formula, PBT, PBIT and Capital Employed. 1 mark for calculation (2+1) OR Revenue from operations Rs.15,00,000; Gross profit on cost is 25% 25 % on cost = 1/4 on Cost = 1/5 on Revenue Gross Profit = 15,00,000 X 1/5 = 3,00,000 Operating Profit Ratio = 100 – Operating ratio = 100 – 75 = 25 Operating Profit = 15,00,000 X 25/100 = 3,75,000 Net Profit ratio = (Net Profit / Revenue from operations) X 100 Net profit = Operating Profit + Non-Operating income – Non-Operating expenses. 3,75,000 + 55,000 – 1,00,000 = 3,30,000 Net Profit ratio = (Net Profit / Revenue from Operations) X 100 (3,30,000/ 15,00,000) X 100 = 22.00%</p> <p>.5 mark for Gross Profit and Operating Profit and 2 marks Net Profit ratio (.5 + .5 + 2)</p>				(3)
33	<p>i) Quick ratio of = Current Assets – Inventory / Current Liability 31st March 2023 Current Assets - Inventory = 2,80,000 – 1,20,000 = 1,60,000 Current Liabilities = 25,000 + 1,05,000 = 1,30,000 Quick Ratio = 1,60,000/1,30,000 = 1.23:1</p> <p>ii) Working capital Turnover ratio = Revenue from operations / Working Capital Working Capital = Current Assets – Current Liabilities 2,80,000 – 1,30,000 = 1,50,000 = 6,00,000/ 1,50,000 = 4 times</p> <p>iii) Trade Receivable Turnover ratio = Credit Revenue from Operations / Average Trade Receivables Credit Revenue from operations 80% of 8,00,000 = 6,40,000 Average Trade Receivables = (1,15,000 + 15,000) + (1,45,000 + 10,000) / 2 = 1,42,500 = 6,40,000/1,42,500 = 4.49 times</p> <p>1 mark for Quick ratio and 1.5 each for other two = (1 + 1.5 + 1.5)</p>				(4)
34	<p>(i) (A) Rs.44,00,000 (ii) (C) Rs.26,25,000 (iii) (D) (Rs.1,10,000) (iv) (B) Rs.25,15,000 (v) (B) Rs.4,15,000 (vi) (C) Rs.21,00,000</p>				(6)

OR
Provision for Taxation

To Bank A/c	18,000	By Balance b/d	24,000
		By Statement of P/L	30,000
To Balance c/d	36,000		
	54,000		54,000

Note 1 Net profit before tax

Difference in reserve and surplus

50,000

Add: Provision for taxation

30,000

80,000

Cash Flow Statement as per AS 3

Cash Flow from operating activities		
Net profit before tax (Note 1)	80,000	
Adjustment for non-cash/non-operating items		
Add: Depreciation of Plant & Machinery	25,000	
Depreciation of Motor Vehicle	25,000	
Less: Appreciation of Land & Building	(30,000)	
Operating profit before working capital changes	1,00,000	
Add: Increasing in current liabilities/Decrease in current assets		
Sundry Debtors	15,000	
Creditors	15,000	
Less: Increase in current assets / Decrease in current liabilities		
Inventory	(20,000)	
Bills Payable	(5,000)	
Cash flow from operations	1,05,000	
Less: Income Tax	18,000	
Net cash from operating activities		87,000
Cash Flow from financing activities		
Issue of share capital	2,50,000	
Repayment of Bank Loan	(1,50,000)	
Net Cash from financing activities		1,00,000

*****#####*****