



B.K. BIRLA CENTRE FOR EDUCATION

SARALA BIRLA GROUP OF SCHOOLS
A CBSE DAY-CUM-BOYS' RESIDENTIAL SCHOOL



PRE BOARD III (2025-26) ACCOUNTANCY (055) MARKING SCHEME

Q1)	(D) Not allowed	OR	(A) Partner's Capital Account	(1)
Q2)	(D) Only (R) is correct but (A) is not correct			(1)
Q3)	(D) Both statements are incorrect			(1)
Q4)	(C) i),ii) and iv)			(1)
Q5)	(A) Sumit's Capital A/c Dr 10,000 To Amit's Capital A/c 10,000			(1)
Q6)	(C) 18:7:5	OR	(B) 13:12	(1)
Q7)	(C) The entire goodwill will be given to Era.			(1)
Q8)	(B) 41:39			(1)
Q9)	(D) Only (R) is correct but (A) is not correct	OR		(1)
	(B) Both (A) and (R) are correct but (R) is not the correct explanation of (A)			
Q10)	(A) Both statements are correct.			(1)
Q11)	(A) Balance Sheet	OR	(A) Credited to Realisation Account	(1)
Q12)	(A) Only i) and ii)			(1)
Q13)	(B) Underwriters			(1)
Q14)	(B) The company can issue 12% Debentures of Rs.8,00,000 as a collateral.			(1)
Q15)	(D) Non-Redeemable Debentures	OR	(C) Interest	(1)
Q16)	(B) Both (A) and (R) are correct but (R) is not the correct explanation of (A)	OR		(1)
	(C) Statement II is correct but Statement I is incorrect.			
Q17)	Profit and Loss Appropriation A/c			(3)
	Particulars	Amount	Particulars	Amount
	To Commission A/c (Adinath)	8,000	By Profit and Loss A/c	91,000
	To Share of profit		(Net profit transfer)	
	Adinath's capital A/c 49,800		(88,000 – 6,000 + 9,000)	
	Shiv's capital A/c 33,200	83,000		
		91,000		91,000
	1 mark for corrected profit + .5 mark for commission + 1.5 mark for calculation/ distribution of profit			
Q18)	i) (B) Profit on revaluation Rs.5,10,000 ii) (A) Prem will gain by 1/6 th share iii)			(3)
	Date	Particulars	LF	Amount (Dr) Amount (Cr)
		Payal's Current A/c Dr		1,00,000
		To Prem's Current A/c		1,00,000
		(Being goodwill adjusted due to change in PSR)		

OR

Rs.4,50,000 total capital so Rs1,50,000 each.

CAPITAL A/C

Particulars	Choubey	Dubey	Pandey	Particulars	Choubey	Dubey	Pandey
To Adv. Sus.	12,000	10,500	7,500	By Balance b/d	2,00,000	1,50,000	1,30,000
To Pandey's Ca		12,000		By Dubey's Cap			12,000
To Bank A/c	36,000		64,500	By General Res.	48,000	42,000	30,000
To Balance c/d	2,00,000	2,00,000	1,00,000	By Bank A/c		30,500	
	2,48,000	2,22,500	1,72,000		2,48,000	2,22,500	1,72,000

JOURNAL

Date	Particulars	LF	Amount (Dr)	Amount (Cr)
	Choubey's Capital A/c Dr		36,000	
	Pandey's Capital A/c Dr		64,500	
	To Bank A/c			1,00,500
	(Being money withdrawn to adjust the capital)			
	Bank A/c Dr		30,500	
	To Dubey's Capital A/c			30,500
	(Being money brought in to adjust the capital)			

Q19)

5/10 share in 2:3 ratio

So Brij will get $5/10 \times 2/5 = 10/50$ and Carl will get $5/10 \times 3/5 = 15/50$

New Ratio of Brij = $3/10 + 10/50 = (15 + 10)/50 = 25/50$

Carl = $2/10 + 15/50 = (10 + 15)/50 = 25/50$

new PSR = 25:25 = 1:1

Goodwill of Adi = 60,000 in 2:3 ratio = 24,000 and 36,000

Date	Particulars	LF	Amount (Dr)	Amount (Cr)
	Brij's Capital A/c Dr		24,000	
	Carl's Capital A/c Dr		36,000	
	To Adi's Capital A/c			60,000
	(Being retiring partners share of goodwill adjusted)			
	Adi's Capital A/c Dr		1,20,000	
	To Adi's Loan A/c			1,20,000
	(Being money transferred as loan)			
	Adi's Capital A/c Dr		90,000	
	To Bank A/c			90,000
	(Being money paid to retiring partner)			

.5 mark of NPSR .5 for Goodwill adjustment 1 mark for journal 1 and .5 for next 2 (.5+.5 + 1+.5+.5)

(3)

Q20)	Date	Particulars	LF	Amount (Dr)	Amount (Cr)	(3)
		Sundry Assets A/c Dr		18,00,000		
		To Sundry Creditors			2,00,000	
		To Eve Ltd			15,00,000	
		To Capital Reserve A/c			1,00,000	
		(Being business of Eve Ltd purchased for a consideration of Rs.15,00,000)				
		Eve Ltd Dr		15,00,000		
		Discount on issue of debenture A/c Dr		7,50,000		
		To 12 % Debenture A/c			22,50,000	
		(Being purchase consideration met by issue of 15,000,12% Debenture of Rs.150 each at Rs.100)				
	OR					
	Neptune Ltd.					
	Date	Particulars	LF	Amount (Rs)	Amount(Rs)	
		Plant and Machinery A/c Dr		15,50,000		
		Furniture and Fixture A/c Dr		5,85,000		
		Other assests A/c Dr		4,25,000		
		Goodwill A/c Dr		90,000		
		To Sundry Liabilities			4,00,000	
		To Jupiter Ltd A/c			22,50,000	
		(Being assets and liabilities transferred goodwill ascertained and consideration due)				
		Blue Monkey A/c Dr.		22,50,000		
		Discount on issuse of debenture A/c Dr.		2,50,000		
		To 12% Debenture A/c			25,00,000	
		(Being 25,000 debentures issued at 10% dis.)				
2 mark for first journal and 1 for next journal.						
Q21)	Adjustment Table					(4)
	Particulars	31 st March 21	31 st March 22	31 st March 23	31 st March 24	
	Profit of the year	60,000	(18,000)	38,000	80,000	
	Less: Managerial remun.	(30,000)	(30,000)	(30,000)	(30,000)	
	Add: Machinery purchased		2,00,000			
	Less: Depreciation		(10,000)	(20,000)	(20,000)	
	Adjusted Profit	30,000	1,42,000	(2,000)	30,000	
	Adjusted Average Profit = 30,000 + 1,42,000 + (2,000) + 30,000 = (2,00,000/4) X 3 = 1,50,000					
	Super Profit = Average Profit – Normal profit					
	Normal Profit = Capital employed X NRR = 3,00,000 X 12% = 36,000					
	Super Profit = 50,000 – 36,000 = 14,000					
	Goodwill = 14,000 X 10 = 1,40,000					
Goodwill will reduce by 10,000						
OR						

	i) Capital employed = Assets – External Liabilities = 8,60,000 – 80,000 = 7,80,000 Normal Profit = 7,80,000 X 10/100 = 78,000 Super Profit = Average Profit – Normal profit = 1,00,000 – 78,000 = 22,000 Goodwill by capitalisation = 22,000 X 100/10 = 2,20,000 ii) By Super profit at 5 years purchase = 22,000 X 5 = 1,10,000 3 marks for i) and 1 mark for ii) (3+1)																																																															
Q22)	<div>Max Ltd</div> <div>Balance Sheet as at (Extract)</div> <table><tr><td>Particulars</td><td>Note.No.</td><td>Amount (Rs.)</td></tr><tr><td>EQUITY AND LIABILITIES</td><td></td><td></td></tr><tr><td>Shareholder’s Funds</td><td></td><td></td></tr><tr><td>Share Capital</td><td>1</td><td>1,66,20,000</td></tr></table> <div>Notes to Account</div> <table><tr><td>Particulars</td><td>Amount (Rs.)</td><td>Amount (Rs.)</td></tr><tr><td>Share Capital</td><td></td><td></td></tr><tr><td>Authorised Capital</td><td></td><td></td></tr><tr><td>15,00,000 Equity shares of Rs.10 each</td><td>1,50,00,000</td><td></td></tr><tr><td>1,00,000 Preference shares of Rs.100 each</td><td>1,00,00,000</td><td>2,50,00,000</td></tr><tr><td>Issued Capital</td><td></td><td></td></tr><tr><td>12,00,000 Equity shares of Rs.10 each</td><td>1,20,00,000</td><td></td></tr><tr><td>80,000 Preference shares of Rs.100 each</td><td>80,00,000</td><td>2,00,00,000</td></tr><tr><td>Subscribed Capital</td><td></td><td></td></tr><tr><td>Subscribed and fully paid</td><td></td><td></td></tr><tr><td>9,00,000 Equity shares of Rs.10 each</td><td>90,00,000</td><td></td></tr><tr><td>72,000 Preference shares of Rs.100 each</td><td>72,00,000</td><td>1,62,00,000</td></tr><tr><td>Subscribed but not fully paid</td><td></td><td></td></tr><tr><td>60,000 Equity shares of Rs.10 each</td><td>6,00,000</td><td></td></tr><tr><td>Less: Calls in arrears (60,000 X 3)</td><td>1,80,000</td><td>4,20,000</td></tr><tr><td></td><td></td><td>1,66,20,000</td></tr></table> <div>8 + 2 (format) X .4 Rs. 2,50,00,000 in 3:2 1,50,00,000 Equity Share of Rs.10 each so 15,00,000 equity share and 1,00,00,000 Preference Share of Rs.100 each so 1,00,000 preference shares Offered 80% shares so 12,00,000 equity shares and 80,000 preference shares Public subscribed for 80% equity and 90% preference shares So 9,60,000 equity shares and 72,000 preference shares.</div>			Particulars	Note.No.	Amount (Rs.)	EQUITY AND LIABILITIES			Shareholder’s Funds			Share Capital	1	1,66,20,000	Particulars	Amount (Rs.)	Amount (Rs.)	Share Capital			Authorised Capital			15,00,000 Equity shares of Rs.10 each	1,50,00,000		1,00,000 Preference shares of Rs.100 each	1,00,00,000	2,50,00,000	Issued Capital			12,00,000 Equity shares of Rs.10 each	1,20,00,000		80,000 Preference shares of Rs.100 each	80,00,000	2,00,00,000	Subscribed Capital			Subscribed and fully paid			9,00,000 Equity shares of Rs.10 each	90,00,000		72,000 Preference shares of Rs.100 each	72,00,000	1,62,00,000	Subscribed but not fully paid			60,000 Equity shares of Rs.10 each	6,00,000		Less: Calls in arrears (60,000 X 3)	1,80,000	4,20,000			1,66,20,000	(4)
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Q23)	<div>Solution</div> <table><tr><td>i) New PSR A = 4/5 – 1/8 = (32 – 5)/40 = 27/40 B= 1/5 – 1/10 = (2- 1)/10 = 4/40 A:B:C = 27: 4: 9</td><td>ii) Sacrificing Ratio A = 4/5 – 27/40 = (32 – 27)/40 = 5/40 B= 1/5 – 4/40 = (8 – 4)/40 = 4/40 A: B = 5:4</td></tr></table> <div>Treatment of Goodwill = 45,000 in 5:4 So A = 25,000 and B = 20,000</div> <div>Capital of C = 1,80,000 so full capital of the firm = 1,80,000 X 40/9 = 8,00,000 8,00,000 in new PSR (27: 4: 9) = 5,40,000 : 80,000 and 1,80,000</div>			i) New PSR A = 4/5 – 1/8 = (32 – 5)/40 = 27/40 B= 1/5 – 1/10 = (2- 1)/10 = 4/40 A:B:C = 27: 4: 9	ii) Sacrificing Ratio A = 4/5 – 27/40 = (32 – 27)/40 = 5/40 B= 1/5 – 4/40 = (8 – 4)/40 = 4/40 A: B = 5:4																																																											
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MV of investment has gone up so its will be treated through Revaluation A/c (Profit on Revaluation) 20,000

Capital A/c

Particulars	A	B	C	Particulars	A	B	C
				By Bala b/d	3,00,000	2,00,000	
				By WCF	48,000	12,000	
To Bala c/d	5,40,000	80,000	1,80,000	By IFF	32,000	8,000	
				By P for G	25,000	20,000	
				By Reval.	16,000	4,000	
To Current		1,64,000		By Bank ac			1,80,000
				By Current	1,19,000		
	5,40,000	2,44,000	1,80,000		5,40,000	2,44,000	1,80,000

Journal

Date	Particulars	LF	Amount (Dr)	Amount(Cr)
	Bank A/c Dr.		2,25,000	
	To C's Capital A/c			1,80,000
	To Premium for Goodwill A/c			45,000
	(Being capital and premium for goodwill brought)			
	Premium for Goodwill A/c Dr.		45,000	
	To A's Capital A/c			25,000
	To B's Capital A/c			20,000
	(Being premium distributed among sacrificing partner)			
	B's Capital A/c Dr.		1,64,000	
	To B's Current A/c			1,64,000
	(Being capital adjusted by opening current a/c)			
	A's Current A/c Dr		1,19,000	
	To A's Capital A/c			1,19,000
	(Being capital adjusted by opening current a/c)			

OR

X and Y 4:1

Z takes $\frac{1}{5}$ of X's share and $\frac{1}{20}$ of Y's share.

$$X = \frac{4}{5} \times \frac{1}{5} = \frac{4}{25} = \frac{4}{5} - \frac{4}{25} = \frac{(20 - 4)}{25} = \frac{16}{25}$$

$$Y = \frac{1}{5} \times \frac{1}{20} = \frac{1}{100} = \frac{(20 - 5)}{100} = \frac{15}{100}$$

New PSR = **64:15:21**

$$SR = X = \frac{4}{5} - \frac{64}{100} = \frac{(80 - 64)}{100} = \frac{16}{100}$$

$$Y = \frac{1}{5} - \frac{15}{100} = \frac{(20 - 15)}{100} = \frac{5}{100}$$

Sacrificing Ratio = **16:5** (Premium for Goodwill 42,000 in 16:5) = 32,000 : 10,000

Revaluation A/c

To Building	5,000	By Land	25,000
To Claim for Workmen Com.	5,000	By Investment	20,000
To Profit on revaluation			
X	28,000		

Y	7,000	35,000		
		45,000		45,000

Capital A/c

Particulars	X	Y	Z	Particulars	X	Y	Z
				By Bal bd	1,25,000	1,00,000	
				By Rev.	28,000	7,000	
				By P.Gill	32,000	10,000	
				By Cash			20,000
To Bal cd.	1,85,000	1,17,000	1,50,000	By Furni.			40,000
				By Mach.			90,000
	1,85,000	1,17,000	1,50,000		1,85,000	1,17,000	1,50,000

Balance Sheet of X,Y and Z

Liabilities			Assets		
Capital A/c			Land		
A	1,85,000		Add: Appreciation	25,000	1,00,000
B	1,17,000		Building	55,000	
C	1,50,000	4,52,000	Less: Depreciation	5,000	50,000
			Machinery		90,000
			Furniture		40,000
Claim for Workmen's comp		30,000	Investment	60,000	
			Add: Increase	20,000	80,000
			Inventory		35,000
			Cash at bank	25,000	
			Add: Capital + G'll	62,000	87,000
		4,82,000			4,82,000

.5 each for NPSR and SR 1 mark of Revaluation 2 capital 2 BS (.5+.5+1+2+2)

Q24)

Realisation A/c

To Sundry Assets		By Sundry Liabilities	
Goodwill	60,000	Bank Loan	2,00,000
Building	4,25,000	Neelesh's wife's loan	1,00,000
Plant and Machinery	1,00,000	Creditors	50,000
Investment (5,000 shares)	2,00,000		
Inventory	60,000	By Bank A/c	
Debtors	30,000	Goodwill	60,000
		Building	3,18,750
To Bank A/c		Machinery	83,250
Bank Loan	2,10,000	Debtors	26,000
Creditors	46,000		4,88,000
To Neelesh's Capital (wife's)	1,00,000	By Mithlesh's Capital	
		Inventory	48,000
		Investment	1,35,000
			1,83,000
		By Neelesh's Capital (invest)	90,000
		By Loss on realisation	
		Mithlesh's Capital	64,000
		Neelesh's Capital	56,000
			1,20,000

(6)

	12,31,000		12,31,000		
Capital A/c					
Particulars	Mithlesh	Neelesh	Particulars	Mithlesh	Neelesh
To Realisation (asset	1,83,000	90,000	By Balance b/d	3,00,000	2,50,000
To Realisation (loss)	64,000	56,000	By Wife's Loan		1,00,000
To Bank A/c	53,000	2,04,000			
	3,00,000	3,50,000		3,00,000	3,50,000
Bank A/c					
Particulars		Amount	Particulars		Amount
To Balance b/d		25,000	By Realisation (Liabilities)		2,56,000
To Realisation (Assets)		4,88,000	By Mithlesh's Capital		53,000
			By Neelesh's Capital		2,04,000
		5,13,000			5,13,000
4 realisation 1 capital and 1 Bank					

Q25)

Journal

(6)

Date	Particulars	LF	Amount(Dr)	Amount(Cr)
	Bank A/c Dr.		1,60,000	
	To Share Application A/c (20,000 X 8)			1,60,000
	(Being application money received along)			
	Share Application A/c Dr.		1,60,000	
	To Share Capital A/c			80,000
	To Securities Premium A/c			80,000
	(Being application money transferred)			
	Share Allotment A/c Dr. (20,000 X 10)		2,00,000	
	To Share Capital A/c (20,000 X 4)			80,000
	To Securities Premium A/c (20,000 X 6)			1,20,000
	(Being allotment money due including premium)			
	Bank A/c Dr.		1,70,000	
	Calls in arrears A/c Dr. (3,000 X 10)		30,000	
	To Share Allotment A/c			2,00,000
	(Being allotment money received on all but 3,000			
	Share First and Final Call A/c Dr (20,000 X 2)		40,000	
	To Share Capital A/c			40,000
	(Being call money due including premium)			
	Bank A/c Dr.		30,000	
	Calls in arrears A/c Dr. (5,000 X 2)		10,000	
	To Share First and Final Call A/c			40,000
	(Being call money received on all but 2000 shares			
	including premium of Rs.4 and advance adjusted			
	Share Capital A/c Dr (5,000 X 10)		50,000	
	Securities Premium A/c Dr (3,000 X 6)		18,000	
	To Calls in arrears A/c			40,000
	To Share forfeiture A/c			28,000
	(Being shares forfeited for nonpayment of			
	allotment and call money)			

OR

Balance Sheet Liability Side (Extract)

EQUITIES AND LIABILITIES		
Shareholders Fund		
Share Capital		
Reserves and Surplus		
Non-Current Liabilities		
Long term borrowing		
Other Long term liabilities		
Long term provision		

Current Liabilities		
Short term Borrowings		
Trade Payables		
Other current liabilities		
Short term provision		
TOTAL		

Rose and Tulip Ltd
Journal

Share Capital A/c	Dr	(10,000 X 10)	1,00,000	
Securities Premium A/c	Dr	(4,000 X 3)	12,000	
To Calls in arrears A/c				48,000
To Share forfeiture A/c				64,000
(Being 10,000 shares forfeited for non payment of allotment including premium & first and final call)				
Bank A/c	Dr		49,000	
Share Forfeiture A/c	Dr		21,000	
To Share Capital A/c				70,000
(Being 7,000 shares reissued at Rs.7 each)				
Share Forfeiture A/c	Dr		19,000	
To Capital Reserve A/c				19,000
(Being profit on reissue of 7,000 out of 10,000 forfeited shares transferred)				

Working

Sunil 6,000 shares out of which only 3,000 reissued his share forfeiture is 48,000 so only 24,000 is used

Total Share forfeiture = 16,000 + 24,000

On reissue used Rs. 21,000 so capital reserve = 40,000 – 21,000 = 19,000

Q26)

b.

Akash Infotech Ltd

Journal

Date	Particulars	LF	Amount(Dr)	Amount(Cr)
(i)	Bank A/c		12,00,000	
	To ICICI Bank Loan A/c			12,00,000
	(Being bank loan taken against collateral)			
	Debenture Suspense A/c		12,50,000	
	To 12% Debenture A/c)			12,50,000
	(Being 12,500 ,12% debenture of Rs.100 each			
	Issued as a collateral against bank loan)			

Balance Sheet					
EQUITIES and LIABILITIES				Note No	
Non –Current Liabilities					
Long term borrowings				1	12,00,000
Notes to Account					
1. Long term Borrowings					
Loan from ICICI Bank					12,00,000
12,500, 12 % Debenture of 100 each issued as collateral				12,50,000	
Less: Debenture Suspense A/c				12,50,000	-----
b) JOURNAL					
Date	Particulars	LF	Amount(Dr)	Amount(Cr)	
30/9/24	Debenture Interest A/c Dr		42,500		
	To Debenture holders’ A/c			42,500	
	(Being interest due on debenture holders)				
31/3/25	Debenture Interest A/c Dr		42,500		
	To Debenture holders’ A/c			42,500	
	(Being interest due on debenture holders)				
31/3/25	Debenture holders’ A/c Dr		85,000		
	To Bank A/c			85,000	
	(Being debenture interest paid)				
	Statement of Profit and Loss Dr		85,000		
	To Debenture Interest A/c			85,000	
	(Being amount of debentures interest transferred to Statement of Profit and Loss)				
Marks					
SECTION B (20 marks)					
Q27)	(B) Schedule III Part II OR (D) Forfeited Share				
Q28)	(D) Only (R) is correct but (A) is not correct				
Q29)	(C) Trade Receivable Turnover Ratio				
Q30)	(A) Only i) and ii)				
Q31)	Particulars	N.No	31 st March 2025	% of Total	
	ASSETS				
	Non-Current Assets				
	Property, Plant and Equipment and Intangibles				
	Property, Plant and Equipment		8,65,000	43.25	
	Intangibles		3,75,000	18.75	
	Non-current Investment		2,15,000	10.75	
	Current Assets				
	Inventories		1,75,000	8.75	

	Trade Receivables		2,05,000	10.25	
	Other current assets		99,000	4.95	
	Cash and Cash equivalents		66,000	3.30	
	TOTAL		20,00,000	100.00	
10 X .3 = 3					
OR					
Comparative Revenue Statement					
	Particulars	N.No	31 st March 25	31 st March 24	Absolute Percentage
	Revenue from Operation		20,00,000	17,50,000	2,50,000 14.29
	Other income		60,000	80,000	(20,000) (25.00)
	TOTAL Revenue		20,60,000	18,30,000	
	Cost of materials consumed		7,80,000	6,60,000	1,20,000 18.18
	Purchase of stock in trade		3,25,000	4,00,000	(75,000) (18.75)
	Employee benefit expenses		6,75,000	5,00,000	1,75,000 35.00
	Finance Cost		1,00,000	65,000	35,000 53.85
	Depreciation and Amortization		75,000	55,000	20,000 36.36
	TOTAL Expenses		19,55,000	16,80,000	
	Profit Before Tax		1,05,000	1,50,000	(45,000) (30.00)
20 X .15 = 3					
Q32)	<p>In total there are six activity ratios</p> <p>i) Inventory Turnover Ratio = Cost of Revenue from Operations/ Average Inventory</p> <p>ii) Trade Receivable Turnover Ratio = Net Credit Revenue from Operations/ Average Trade R.</p> <p>iii) Trade Payable Turnover Ratio = Net Credit Purchase / Average Trade Payable</p> <p>iv) Working Capital Turnover Ratio = Net Revenue from Operations/ Working Capital</p> <p>v) Fixed Assets Turnover Ratio = Net Revenue from Operations/ Net Fixed Assets</p> <p>v) Net Asset Turnover Ratio = Revenue from Operations/ Capital Employed</p> <p style="text-align: center;">OR</p> <p>i) Current Ratio = Current Assets/ Current Liabilities</p> <p>Quick Ratio = Current Asset – Inventory / Current Liability</p> <p>Now using the first formula Current Assets = 3X Current Liability = 3X 80,000= 2,40,000</p> <p>Quick Ratio = Current Asset – Inventory / Current Liability</p> <p>2,40,000 – Inventory / 80,000 = 1.8/1</p> <p>2,40,000 – Inventory = 80,000 X 1.8</p> <p>2,40,000 – Inventory = 1,44,000</p> <p>So Inventory is 2,40,000 – 1,44,000 = 96,000 (1)</p> <p>ii) Debt = 12% Debenture + 10% Mortgage Loan = (2,00,000 + 80,000) = 2,80,000</p> <p>Interest on Debt = 24,000 + 8,000 = 32,000</p> <p>Profit after Tax = 90,000 ;</p> <p>Rate of Tax = 40% So 60% = 90,000</p> <p>Profit before tax = 100% = 90,000 X (100/60) = 1,50,000</p> <p>Profit before Tax + Fixed Interest = 1,50,000 + 32,000 = 1,82,000</p> <p>Interest Coverage Ratio = $\frac{\text{Earnings before interest and Taxes}}{\text{Fixed Interest Charges}}$ = 1,82,000/ 32,000 = 5.70 times</p>				
Q33)	<p>i) Debt to Total Assets = Long Term borrowing/ Total Assets (2)</p>				

	<p>Long term debt = Total Debt – (Trade payable + other current liabilities) 24,00,000 – (5,60,000 + 40,000) = 18,00,000</p> <p>Total Assets = Shareholder Fund + Total Debt 36,00,000 + 24,00,000 = 60,00,000</p> <p>Debt to Total Assets = Long Term borrowing/ Total Assets = 18,00,000/60,00,000 = .3:1</p> <p>ii) Working Capital Turnover Ratio = Revenue from Operation / Working Capital Cost of Revenue from operation = 30,40,000 Gross Profit = 24% of Revenue from operations Let Revenue from operation be 100 So Gross Profit = 24 Cost of Revenue from operations = 100 – 24 = 76 If 76% = 30,40,000 So 100% = 30,40,000/.76 = 40,00,000</p> <p>Working Capital = Current Assets – Current Liabilities = 4,60,000 – 60,000 = 4,00,000 40,00,000/4,00,000 = 10 times</p>																																																																
Q34)	<p>Cash Flow</p> <table><tr><td>Cash Flow from operating activities</td><td></td><td></td></tr><tr><td>Net profit before tax (Note 1)</td><td>60,000</td><td></td></tr><tr><td>Adjustment for non cash/non operating items</td><td></td><td></td></tr><tr><td>Add: Depreciation</td><td>1,20,000</td><td></td></tr><tr><td> Loss on sale Equipment</td><td>50,000</td><td></td></tr><tr><td>Less: Profit on Sale of Land</td><td>(75,000)</td><td></td></tr><tr><td> Profit on sale of Vehicle</td><td>(20,000)</td><td></td></tr><tr><td> Interest received on investment</td><td>(50,000)</td><td></td></tr><tr><td>Operating profit before working capital changes</td><td>85,000</td><td></td></tr><tr><td>Adjustment for working capital changes</td><td>---</td><td></td></tr><tr><td>Cash flow from operations</td><td>85,000</td><td></td></tr><tr><td>Less: Income Tax</td><td>25,000</td><td></td></tr><tr><td>Net cash from operating activities</td><td></td><td>60,000</td></tr><tr><td></td><td></td><td></td></tr><tr><td>Cash flow from investing activities</td><td></td><td></td></tr><tr><td>Purchase of Plant and Machinery</td><td>(5,00,000)</td><td></td></tr><tr><td>Purchase of Investment</td><td>(3,00,000)</td><td></td></tr><tr><td>Sale of Equipment</td><td>1,50,000</td><td></td></tr><tr><td>Sale of Land & Building</td><td>4,25,000</td><td></td></tr><tr><td>Sale of Vehicle</td><td>1,00,000</td><td></td></tr><tr><td>Net cash used in investing activities</td><td></td><td>(1,25,000)</td></tr></table> <p>ii) The loss on sale of equipment is a non-cash item and is already adjusted in the Net Profit under Operating Activities. In Investing Activities, only the actual cash inflow from the sale (Rs1,50,000) is considered, not the book value or the loss.</p> <p>iii) Depreciation is a non-cash expense and is added back under Operating Activities while calculating cash flow using the indirect method. It is not shown under Investing Activities because it does not involve any actual cash outflow.</p> <p>OR</p>	Cash Flow from operating activities			Net profit before tax (Note 1)	60,000		Adjustment for non cash/non operating items			Add: Depreciation	1,20,000		Loss on sale Equipment	50,000		Less: Profit on Sale of Land	(75,000)		Profit on sale of Vehicle	(20,000)		Interest received on investment	(50,000)		Operating profit before working capital changes	85,000		Adjustment for working capital changes	---		Cash flow from operations	85,000		Less: Income Tax	25,000		Net cash from operating activities		60,000				Cash flow from investing activities			Purchase of Plant and Machinery	(5,00,000)		Purchase of Investment	(3,00,000)		Sale of Equipment	1,50,000		Sale of Land & Building	4,25,000		Sale of Vehicle	1,00,000		Net cash used in investing activities		(1,25,000)	(6)
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CASH FLOW STATEMENT		
A. Cash Flow from operating activities		
Net profit before tax (2,00,000 – 1,10,000)	90,000	
Adjustment for non cash/non operating items		
Add: Depreciation of on tangible assests	2,00,000	
Loss on sale of furniture	15,000	
Operating profit before working capital changes	3,05,000	
Add: Increasing in current liabilities/ Decrease in current assets		
Trade Receivable	8,000	
Trade Payable	5,000	
Less: Increase in current assets/Decrease in current liabilities		
Inventory	(10,000)	
Net cash from operation activities		3,08,000
B. Cash flow from investing activities		
Purchase of Property, Plant and Equipment	(5,80,000)	
Sale of furniture	65,000	
Net cash used in investing activities		(5,15,000)
C. Cash flow from financing activities		
Proceeds from issue of shares	1,00,000	
Proceeds from long term borrowing	1,00,000	2,00,000
Net increase (decrease) in cash and cash equivalents (A +B + C)		(7,000)
Cash and cash equivalent at the beginning of the year		35,000
Cash and cash equivalent at the end of the year		28,000
Purchase of Property = (Closing balance + Depreciation+ Sale + Loss on sale – Opening balance) (11,00,000 + 2,00,000 + 65,000 +15,000 - 8,00,000) = 5,80,000		