Test Series: Oct 2019

MOCK TEST PAPER 1

INTERMEDIATE (NEW) : GROUP – II

PAPER – 5: ADVANCED ACCOUNTING

SUGGESTED ANSWERS/HINTS

1. (a) As per AS 19 "Leases", the lessee should recognize the lease as an asset and a liability at the inception of a finance lease. Such recognition should be at an amount equal to the fair value of the leased asset at the inception of lease. However, if the fair value of the leased asset exceeds the present value of minimum lease payment from the standpoint of the lessee, the amount recorded as an asset and liability should be the present value of minimum lease payments from the standpoint of the lessee.

Value of machinery

In the given case, fair value of the machinery is Rs. 10, 00,000 and the net present value of minimum lease payments is Rs. 10, 07,020 (Refer working Note). As the present value of the machine is more than the fair value of the machine, the machine and the corresponding liability will be recorded at value of Rs.10,00,000.

Calculation of finance charges for each year

Year	Finance charge (Rs.)	Payment (Rs.)	Reduction in outstanding liability (Rs.)	Outstanding liability (Rs.)
1st year beginning	-	-	-	10,00,000
End of 1st year	1,60,000	3,50,000	1,90,000	8,10,000
End of 2nd year	1,29,600	3,50,000	2,20,400	5,89,600
End of 3rd year	94,336	3,50,000	2,55,664	3,33,936
End of 4th year	53,430	3,50,000	2,96,570	37,366

Working Note:

Present value of minimum lease payments

Annual lease rental x PV factor Rs. 3,50,000 x (0.8621 + 0.7432 + 0.6407+ 0.5523)	Rs. 9,79 ,405
Present value of guaranteed residual value Rs. 50,000 x (0.5523)	Rs. 27,615
	Rs. 10,07,020

(b) As per AS 26 'Intangibles Assets', the amortization method used should reflect the pattern in which economic benefits are consumed by the enterprise. If pattern cannot be determined reliably, then straight-line method should be used.

In the instant case, the pattern of economic benefit in the form of net operating cash flow vis-à-vis production is determined reliably. A Ltd. should amortize the license fee of Rs. 200 lakhs as under:

Year	Net operating Cash in flow (Rs.)	Ratio	Amortize amount (Rs. in lakhs)

1	900	0.03	6
2	1,800	0.06	12
3	2,300	0.08	16
4	3,200	0.12	24
5	3,200	0.12	24
6	3,200	0.12	24
7	3,200	0.12	24
8	3,200	0.12	24
9	3,200	0.12	24
10	3,200	0.11 (bal.)	22
	27,400	1.00	200

(c) As per AS 7 on 'Construction Contracts', when a contract covers a number of assets, the construction of each asset should be treated as a separate construction contract when:

(a) separate proposals have been submitted for each asset;

(b) each asset has been subject to separate negotiation and the contractor and customer have been able to accept or reject that part of the contract relating to each asset; and

(c) the costs and revenues of each asset can be identified.

In the given case, each outlet is submitted as a separate proposal to different Zonal Office, which can be separately negotiated, and costs and revenues thereof can be separately identified. Hence, each asset will be treated as a "single contract" even if there is one document of contract.

Therefore, four separate contract accounts have to be recorded and maintained in the books of X Ltd. For each contract, principles of revenue and cost recognition have to be applied separately and net income will be determined for each asset as per AS 7.

(d) As per AS 9 "Revenue Recognition", in a transaction involving the sale of goods, performance should be regarded as being achieved when the following conditions are fulfilled:

(i) the seller of goods has transferred to the buyer the property in the goods for a price or all significant risks and rewards of ownership have been transferred to the buyer and the seller retains no effective control of the goods transferred to a degree usually associated with ownership; and

(ii) no significant uncertainty exists regarding the amount of the consideration that will be derived from the sale of the goods.

Case (i): 25% goods lying unsold with consignee should be treated as closing inventory and sales should be recognized for Rs. 3,00,000 (75% of Rs. 4,00,000) for the year ended on 31.3.19. In case of consignment sale revenue should not be recognized until the goods are sold to a third party.

Case (ii): The sale is complete but delivery has been postponed at buyer's request. Fashion Ltd. should recognize the entire sale of Rs.1,95,000 for the year ended 31st March, 2019.

Case (iii): In case of goods sold on approval basis, revenue should not be recognized until the goods have been formally accepted by the buyer or the buyer has done an act adopting the transaction or the time period for rejection has elapsed or where no time has been fixed, a reasonable time has elapsed. Therefore, revenue should be recognized for the total sales amounting Rs. 2,50,000 as the time period for rejecting the goods had expired.

Thus total revenue amounting Rs. 7,45,000 (3,00,000+1,95,000+2,50,000) will be recognized for the year ended 31st March, 2019 in the books of Fashion Ltd.

2. **Journal Entries**

		Rs.	*Rs.*
Bank A/c	Dr.	10,00,000	
To Equity share capital A/c			10,00,000
(Being money on final call received)			
Equity share capital (Rs. 50) A/c	Dr.	75,00,000	
To Equity share capital (Rs. 40) A/c			60,00,000
To Capital Reduction A/c			15,00,000
(Being conversion of equity share capital of Rs. 50 each into Rs. 40 each as per reconstruction scheme)			
Bank A/c	Dr.	12,50,000	
To Equity Share Capital A/c			12,50,000
(Being new shares allotted at Rs. 40 each)			
Trade payables A/c	Dr.	12,40,000	
To Equity share capital A/c			7,50,000
To Bank A/c (4,90,000 x 70%)			3,43,000
To Capital Reduction A/c			1,47,000
(Being payment made to trade payables in shares or cash to the extent of 70% as per reconstruction scheme)			
8% Debentures A/c	Dr.	3,00,000	
12% Debentures A/c	Dr.	4,00,000	
To A A/c			7,00,000
(Being cancellation of 8% and 12% debentures of A)			
A A/c	Dr.	8,00,000	
To 15% Debentures A/c			6,00,000
To Capital Reduction A/c			2,00,000
(Being issuance of new 15% debentures and balance transferred to capital reduction account as per reconstruction scheme)			
Bank A/c	Dr.	1,00,000	
To A A/c			1,00,000
(Being new debentures subscribed by A)			

8% Debentures A/c	Dr.	1,00,000	
12% Debentures A/c	Dr.	2,00,000	
To B A/c			3,00,000
(Being cancellation of 8% and 12% debentures of B)			
B A/c	Dr.	3,00,000	
To 15% Debentures A/c			2,50,000
To Capital Reduction A/c			50,000
(Being issuance of new 15% debentures and balance transferred to capital reduction account as per reconstruction scheme)			
Land and Building (51,84,000 – 42,70,000)	Dr.	9,14,000	
Inventories	Dr.	30,000	
To Capital Reduction A/c			9,44,000
(Being value of assets appreciated)			
Outstanding expenses A/c	Dr.	10,60,000	
To Bank A/c			10,60,000
(Being outstanding expenses paid in cash)			
Capital Reduction A/c	Dr.	33,41,000	
To Machinery A/c			1,30,000
To Computers A/c			1,20,000
To Trade receivables A/c			1,09,000
To Profit and Loss A/c			29,82,000
(Being amount of Capital Reduction utilized in writing off P & L A/c (Dr.) balance and downfall in value of other assets)			
Capital Reserve A/c	Dr.	5,00,000	
To Capital Reduction A/c			5,00,000
(Being debit balance of capital reduction account adjusted against capital reserve)			

Balance Sheet of Xylem Ltd. (as reduced) as on 31.3.2019

Particulars			*Notes*	*Rs.*
		Equity and Liabilities		
1		**Shareholders' funds**		
	a	Share capital	1	80,00,000
2		**Non-current liabilities**		
	a	Long-term borrowings	2	8,50,000
		Total		**88,50,000**

		Assets		
1		**Non-current assets**		
	a	Property, Plant and Equipment		
		Tangible assets	3	63,04,000
2		**Current assets**		
	a	Inventories		3,50,000
	b	Trade receivables		9,81,000
	c	Cash and cash equivalents		12,15,000
		Total		**88,50,000**

Notes to accounts

			Rs.
1.	**Share Capital**		
	2,00,000 Equity shares of Rs. 40		80,00,000
2.	**Long-term borrowings**		
	Secured		
	15% Debentures (assumed to be secured)		8,50,000
3.	**Tangible assets**		
	Land & Building	51,84,000	
	Machinery	7,20,000	
	Computers	4,00,000	63,04,000

Working Notes:

1. **Cash at Bank Account**

Particulars	*Rs.*	*Particulars*	*Rs.*
To Balance b/d	2,68,000	By Trade payables A/c	3,43,000
To Equity Share capital A/c	10,00,000	By Outstanding expenses A/c	10,60,000
To Equity Share Capital A/c	12,50,000	By Balance c/d (bal. fig.)	12,15,000
To A A/c	1,00,000		
	26,18,000		26,18,000

2. **Capital Reduction Account**

Particulars	*Rs.*	*Particulars*	*Rs.*
To Machinery A/c	1,30,000	By Equity Share Capital A/c	15,00,000
To Computers A/c	1,20,000	By Trade payables A/c	1,47,000
To Trade receivables A/c	1,09,000	By A A/c	2,00,000
To Profit and Loss A/c	29,82,000	By B A/c	50,000
		By Land & Building	9,14,000
		By Inventories	30,000

	33,41,000	By Capital Reserve A/c	5,00,000
			33,41,000

(b) Calculation of Total Remuneration payable to Liquidator

		Amount in Rs.
2% on Assets realised	25,00,000 x 2%	50,000
3% on payment made to Preferential creditors	75,000 x 3%	2,250
3% on payment made to Unsecured creditors (Refer W.N)		39,255
Total Remuneration payable to Liquidator		91,505

Working Note:

Liquidator's remuneration on payment to unsecured creditors =

Cash available for unsecured creditors after all payments including liquidation expenses, payment to secured creditors, preferential creditors & liquidator's remuneration

= Rs. 25,00,000 – Rs. 25,000 – Rs. 10,00,000 – Rs. 75,000 – Rs. 50,000 – Rs. 2,250 = Rs. 13,47,750.

Liquidator's remuneration on payment to unsecured creditors = 3/103 x Rs. 13,47,750 = Rs. 39,255

3. (a) Journal entries

In the books of Mukta Ltd.

			Dr.	*Cr.*
				Rs. in lakhs
1	Bank A/c	Dr.	25,200	
	To Investments A/c			24,000
	To Profit and Loss A/c			1,200
	(Being Investments sold and, profit being credited to Profit and Loss Account)			
2	10% Redeemable Preference Share Capital A/c	Dr.	20,000	
	Premium payable on Redemption of Preference Shares A/c	Dr.	2,000	
	To Preference Shareholders A/c			22,000
	(Being amount payable on redemption of Preference shares, at a Premium of 10%)			
3	Securities Premium A/c	Dr.	2,000	
	To Premium payable on Redemption of Preference Shares A/c			2,000
	(Being Securities Premium utilised to provide Premium on Redemption of Preference Shares)			
4	Equity Share Capital A/c	Dr.	16,000	
	Premium payable on Buyback A/c	Dr.	16,000	

	To Equity Share buy back A/c			32,000
	(Being the amount due on buy-back)			
5	Securities Premium A/c (6,400 – 2,000)	Dr.	4,400	
	General Reserve A/c (balancing figure)	Dr.	11,600	
	To Premium payable on Buyback A/c			16,000
	(Being premium on buyback provided first out of Securities Premium and the balance out of General Reserves.)			
6	Bank A/c	Dr.	16,000	
	To Bank Loan A/c			16,000
	(Being Loan taken from Bank to finance Buyback)			
7	Preference Shareholders A/c	Dr.	22,000	
	Equity Shares buy back A/c	Dr.	32,000	
	To Bank A/c			54,000
	(Being payment made to Preference Shareholders and Equity Shareholders)			
8	General Reserve Account	Dr.	36,000	
	To Capital Redemption Reserve Account			36,000
	(Being amount transferred to Capital Redemption Reserve Account to the extent of face value of preference shares redeemed and equity Shares bought back) (20,000 + 16,000)			

(b) Fair value of an option = Rs. 56 – Rs. 50 = Rs. 6

Number of shares issued = 400 employees x 100 shares/employee = 40,000 shares

Fair value of ESOP = 40,000 shares x Rs. 6 = Rs. 2,40,000

Vesting period = 1 month

Expenses recognized in 2018-19 = Rs. 2,40,000

Date	*Particulars*		*Rs.*	*Rs.*
31.03.2019	Bank (40,000 shares x Rs. 50)	Dr.	20,00,000	
	Employees compensation expense A/c	Dr.	2,40,000	
	To Share Capital (40,000 shares x Rs.10)			4,00,000
	To Securities Premium (40,000 shares x Rs. 46)			18,40,000
	(Being option accepted by 400 employees & payment made @ Rs. 56 share)			
	Profit & Loss A/c	Dr.	2,40,000	
	To Employees compensation expense A/c			2,40,000
	(Being Employees compensation expense transferred to Profit & Loss A/c)			

(c) Computation of liability of underwriters in respect of shares

	(In shares)		
	A	*B*	*C*
Gross liability (Total Issue of 30,00,000 equity shares) in agreed ration of 3 : 2 : 1	15,00,000	10,00,000	5,00,000
Less: Unmarked applications (Subscribed shares – marked shares) in 3 : 2 : 1	(3,00,000)	(2,00,000)	(1,00,000)
Marked shares as per agreed ratio	12,00,000	8,00,000	4,00,000
Less: Marked applications actually received	(8,00,000)	(7,00,000)	(6,00,000)
Shortfall / surplus in marked shares	4,00,000	1,00,000	(2,00,000)
Surplus of C distributed to A & B in 3:2 ratio	(1,20,000)	(80,000)	2,00,000
Net liability for underwriting shares	2,80,000	20,000	Nil

4. (a)

Form B – RA (Prescribed by IRDA)

General Insurance Co. Ltd

Revenue Account for the year ended 31st March, 2019

Fire and Marine Insurance Businesses

	Schedule	*Fire Current Year*	*Marine Current Year*
		Rs.	*Rs.*
Premiums earned (net)	1	4,27,500	1,40,000
Profit / (Loss) on sale / redemption of investments		—	—
Others (to be specified)			
Interest, Dividends and Rent – Gross		—	—
Total (A)		4,27,500	1,40,000
Claims incurred (net)	2	82,000	88,000
Commission	3	40,000	20,000
Operating expenses related to Insurance business	4	70,000	50,000
Premium Deficiency			
Total (B)		1,92,000	1,58,000
Profit from Fire / Marine Insurance business (A-B)		2,35,500	(18,000)

Schedules forming part of Revenue Account

Schedule –1

Premiums earned (net)	*Fire Current Year*	*Marine Current Year*
	Rs.	*Rs.*
Premiums from direct business written	4,80,000	3,50,000
Less: Premium on reinsurance ceded	(25,000)	(15,000)

Total Premium earned	4,55,000	3,35,000
Less: Change in provision for unexpired risk	(27,500)	(1,95,000)
	4,27,500	1,40,000
Schedule – 2		
Claims incurred (net)	82,000	88,000
Schedule – 4		
Operating expenses related to insurance business		
Expenses of Management	70,000	50,000

Form B-PL

General Insurance Co. Ltd.

Profit and Loss Account for the year ended 31st March, 2019

Particulars	*Schedule*	*Current Year*	*Previous Year*
		Rs.	*Rs.*
Operating Profit/(Loss)			
(a) Fire Insurance		2,35,500	
(b) Marine Insurance		(18,000)	
(c) Miscellaneous Insurance		—	
Income From Investments			
Interest, Dividend & Rent–Gross		1,29,000*	
Other Income (To be specified)			
Total (A)		3,46,500	
Provisions (Other than taxation)		—	
Depreciation		9,000	
Other Expenses –Director's Fee		80,000	
Total (B)		89,000	
Profit Before Tax		2,57,500	
Provision for Taxation		99,138	
Profit After Tax		1,58,362	

Working Notes:

		Fire	*Marine*
		Rs.	Rs.
1.	Claims under policies less reinsurance		
	Claims paid during the year	1,00,000	80,000
	Add: Outstanding on 31st March, 2019	10,000	15,000
		1,10,000	95,000
	Less: Outstanding on 1st April, 2018	(28,000)	(7,000)
		82,000	88,000
2.	Expenses of management		

* Interest and dividend in case can't be bifurcated between fire and marine thus taken to profit and loss account.

	Expenses paid during the year	60,000	45,000
	Add: Outstanding on 31st March, 2019	10,000	5,000
		70,000	50,000
3.	Premiums less reinsurance		
	Premiums received during the year	4,50,000	3,30,000
	Add: Outstanding on 31st March, 2019	30,000	20,000
		4,80,000	3,50,000
	Less: Reinsurance premiums	(25,000)	
			(15,000)
		4,55,000	3,35,000

4. Reserve for unexpired risks is 50% of net premium for fire insurance and 100% of net premium for marine insurance. Reserve for unexpired risks for fire insurance = Rs. 4,55,000 x 50% = Rs. 2,27,500. Opening Balance in reserves for unexpired risk for fire insurance was Rs. 2,00,000. Hence, additional transfer to reserve for fire insurance in the year will be Rs. 27,500. On similar basis of calculation, the additional transfer to reserve for marine insurance will be Rs. 1,95,000

5. **Provision for taxation account**

		Rs.			*Rs.*
31.3.2019	To Bank A/c		1.4.2018	By Balance b/d	85,000
	(taxes paid)	60,000	31.3.2019	By P & L A/c (Bal Fig)	99,138
31.3.2019	To Balance c/d	1,24,138			
		1,84,138			1,84,138

(b) Statement showing computation of 'Net Owned Fund'

		Rs. in 000
Paid up Equity Capital		100
Free Reserves		500
		600
Less: Deferred expenditure		(200)
	A	400
Investments		
In shares of subsidiaries and group companies		100
In debentures of subsidiaries and group companies		100
	B	200
10% of A		40
Excess of Investment over 10% of A (200-40)	C	160
Net Owned Fund [(A) - (C)] (400-160)		240

5. (a) The losses applicable to the minority in a consolidated subsidiary may exceed the minority interest in the equity of the subsidiary. The excess, and any further losses applicable to the minority, are adjusted against the majority interest except to the extent that the minority has a binding obligation to, and is able to, make good the losses. If the subsidiary subsequently reports profits, all such profits are allocated to the majority interest until the minority's share of losses previously absorbed by the majority has been recovered. Accordingly, the minority interests will be computed as follows:

Year	*Profit/(Loss)*	*Minority Interest (30%)*	*Additional Consolidated P & L (Dr.) Cr.*	*Minority's Share of losses borne by A Ltd.*		*Cost of Control*
				Rs.	*Balance*	
At the time of acquisition in 2010		3,24,000 (W.N.)	-			
2010-11	(2,50,000)	(75,000)	(1,75,000)			2,44,000 (W.N.)
Balance		2,49,000				
2011-12	(4,00,000)	(1,20,000)	(2,80,000)			2,44,000
Balance		1,29,000				
2012-13	(5,00,000)	(1,50,000)	(3,50,000)			2,44,000
		(21,000)				
	Loss of minority borne by Holding Co.	21,000	(21,000)	21,000	21,000	
Balance		Nil	(3,71,000)			
2013-14	(1,20,000)	(36,000)	(84,000)			2,44,000
	Loss of minority borne by Holding Co.	36,000	(36,000)	36,000	57,000	
Balance		Nil	(1,20,000)			
2014-15	50,000	15,000	35,000			2,44,000
	Profit share of minority adjusted against losses of minority absorbed by Holding Co.	(15,000)	15,000	(15,000)	42,000	
Balance		Nil	50,000			

2015-16	1,00,000	30,000	70,000			
	Profit share of minority adjusted against losses of minority absorbed by Holding Co.	(30,000)	30,000	(30,000)	12,000	2,44,000
Balance		Nil	100,000			
2016-17	1,50,000	45,000	1,05,000	(12,000)	Nil	2,44,000
		(12,000)	12,000			
Balance		33,000	1,17,000			

Working Note:

		Share of Holding Co.	*Minority Interest*
	100%	***70%***	***30%***
	(Rs.)	***(Rs.)***	***(Rs.)***
Share Capital	10,00,000	7,00,000	3,00,000
Reserve	80,000	56,000	24,000
		7,56,000	3,24,000
Less: Cost of investment		(10,00,000)	
Goodwill		2,44,000	

(b) 1. **Capital Employed at the end of each year**

	31.3.2017 *Rs.*	*31.3.2018* *Rs.*	*31.3.2019* *Rs.*
Goodwill	20,00,000	16,00,000	12,00,000
Building and Machinery (Revaluation)	36,00,000	40,00,000	44,00,000
Inventory (Revalued)	24,00,000	28,00,000	32,00,000
Trade Receivables	40,000	3,20,000	8,80,000
Bank Balance	2,40,000	4,00,000	8,00,000
Total Assets	82,80,000	91,20,000	104,80,000
Less: Trade Payables	(12,00,000)	(16,00,000)	(20,00,000)
Closing Capital	70,80,000	75,20,000	84,80,000
Add: Opening Capital	73,20,000	70,80,000	75,20,000
Total	1,44,00,000	1,46,00,000	1,60,00,000
Average Capital	72,00,000	73,00,000	80,00,000

Since the goodwill has been purchased, it is taken as a part of Capital employed.

2. **Valuation of Goodwill**

(i)	**Future Maintainable Profit**	31.3.2017	31.3.2018	31.3.2019
	Net Profit as given	8,40,000	12,40,000	16,40,000
	Less: Opening Balance	(2,40,000)	(2,80,000)	(3,20,000)
	Adjustment for Valuation of Opening Inventory	-	(4,00,000)	(4,00,000)
	Add: Adjustment for Valuation of closing inventory	4,00,000	4,00,000	4,00,000
	Goodwill written off	-	4,00,000	4,00,000
	Transferred to General Reserve	4,00,000	4,00,000	4,00,000
	Future Maintainable Profit	14,00,000	17,60,000	21,20,000
	Less: 12.50% Normal Return	(9,00,000)	(9,12,500)	(10,00,000)
(ii)	**Super Profit**	5,00,000	8,47,500	11,20,000

(iii) Average Super Profit = Rs. (5,00,000+8,47,500+11,20,000) ÷ 3 = Rs. 8,22,500

(iv) Value of Goodwill at five years' purchase= Rs. 8,22,500 × 5 = Rs. 41,12,500.

6. (a) A provision should be recognized only when an enterprise has a present obligation arising from a past event or obligation. In the given case, there is no present obligation but a future one, therefore no provision is recognized as per AS 29.

The cost of overhauling aircraft is not recognized as a provision because it is a future obligation and the incurring of the expenditure depends on the company's decision to continue operating the aircrafts. Even a legal requirement to overhaul does not require the company to make a provision for the cost of overhaul because there is no present obligation to overhaul the aircrafts. Further, the enterprise can avoid the future expenditure by its future action, for example by selling the aircraft. However, an obligation might arise to pay fines or penalties under the legislation after completion of five years. Assessment of probability of incurring fines and penalties depends upon the provisions of the legislation and the stringency of the enforcement regime. A provision should be recognized for the best estimate of any fines and penalties if airline continues to operate aircrafts for more than five years.

(b) Interest on performing assets should be recognised on accrual basis, but interest on NPA should be recognised on cash basis.

		Rs. in lakhs
Interest on cash credits and overdraft :	(1800+70)	= 1,870
Interest on Term Loan	(480+40)	= 520
Income from bills purchased and discounted :	(700+36)	= 736
		3,126

OR

Investment in Debentures A/c

		Rs. Lakh			*Rs. Lakh*
June 1, 2018	To Bank	10.70	June 1, 2018	By Interest Recoverable (Note 1)	0.20
Nov 1, 2018	To Bank	5.45	Nov 1, 2018	By Interest Recoverable (Note 2)	0.05
Feb 28, 2019	To Interest Recoverable (Note 3)	0.30	Feb 28, 2019	By Bank	6.78
Feb 28, 2019	To Profit on disposal (Note 4)	0.12	Mar 31, 2019	By Balance c/d	9.54
		16.57			16.57

Working Notes:

1. 10,000 x 100 x 12/100 x 2/12 = Rs. 0.20 Lakhs
2. 5,000 x 100 x 12/100 x 1/12 = Rs. 0.05 Lakhs
3. 6,000 x 100 x 12/100 x 5/12 = Rs. 0.30 Lakhs
4. Cost of investments (per unit) = [(10,70,000 -20,000)+(5,45,000– 5,000)]/15,000 units

= [10,50,000+ 5,40,000]/15,000 = Rs. 106

Cost of investments sold = Rs. 106 x 6,000 = Rs. 6,36,000

Sale proceeds = Rs. 6,78,000 - Rs. 30,000(interest) = Rs. 6,48,000

Profit = Rs. 6,48,000 - Rs. 6,36,000 = Rs. 12,000

(c) W, X, Y and Z hold Equity capital is held by in the proportion of 40:30:10:20 and A, B, C and D hold preference share capital in the proportion of 30:40:20:10. As the paid up equity share capital of the company is Rs. 40 Lakhs and Preference share capital is Rs. 20 Lakh (2:1), then relative weights in the voting right of equity shareholders and preference shareholders will be 2/3 and 1/3. The respective voting right of various shareholders will be

W = 2/3X40/100 = 4/15

X = 2/3X30/100 = 3/15

Y = 2/3X10/100 = 1/15

Z = 2/3X20/100 = 2/15

A = 1/3X30/100 = 1/10

B = 1/3X40/100 = 2/15

C = 1/3X20/100 = 1/15

D = 1/3X10/100 = 1/30

(d) Calculation of Purchase Consideration under Net Assets Method

	Rs.	Rs.
Sundry assets		
$18,00,000 \times \frac{75}{100} \times \frac{112}{100} =$	15,12,000	
$18,00,000 \times \frac{25}{100} \times \frac{92}{100} =$	4,14,000	19,26,000
Less: Liabilities:		
10% Debentures	2,00,000	
Trade payables	1,40,000	
Bank overdraft	50,000	
Unrecorded liability	25,000	(4,15,000)
Purchase consideration		15,11,000