MOCK TEST PAPER 2
FINAL COURSE: GROUP – I
PAPER – 1: FINANCIAL REPORTING

Question 1

(a) A Limited has prepared the following draft balance sheet as on 31st March 20X1:

(Rs. in crore)

Particulars	31st March, 20X1	31st March, 20X0
ASSETS		
Cash	250	170
Cash equivalents	70	30
Non-controlling interest's share of profit for the year	160	150
Dividend declared and paid by A Limited Accounts receivable	90	70
Inventory at cost	2,300	1,800
Inventory at fair value less cost to complete and sell	1,500	1,650
Investment property	180	130
Property, plant and equipment (PPE) at cost	3,100	3,100
	5,200	4,700
Total	**12,850**	**11,800**
CLAIMS AGAINST ASSETS		
Long term debt (Rs. 500 crore due on 1st January each year)	3,300	3,885
Interest accrued on long term debt (due in less than 12	260	290
months) Share Capital	1,130	1,050
Retained earnings at the beginning of the year Profit for the	1,875	1,740
year	1,200	830
Non-controlling interest Accumulated depreciation on PPE	830	540
Provision for doubtful receivables Trade payables	1,610	1,240
Accrued expenses	200	65
Warranty provision (for 12 months from the date of sale)	880	790
Environmental restoration provision (restoration expected in	15	30
20X6)	600	445
Provision for accrued leave (due within 12 months)	765	640
Dividend payable		
	35	25
	150	230
Total	**12,850**	**11,800**

Prepare a consolidated balance sheet using current and non-current classification in accordance with **Ind AS 1**. Operating cycle of the entity is 12 months.

(b) Lessee enters into a 10-year lease for 5,000 square metres of office space. The annual lease payments are Rs. 1,00,000 payable at the end of each year. The interest rate implicit in the lease cannot be readily determined. Lessee's incremental borrowing rate at the commencement date is 6% p.a. At the beginning of Year 7, Lessee and Lessor agree to amend the original lease by extending the contractual lease term by four years. The annual lease payments are unchanged (i.e., Rs. 1,00,000 payable at the end of each year from Year 7 to Year 14). Lessee's incremental borrowing rate at the beginning of Year 7 is 7% p.a.

How should the said modification be accounted for? Pass the journal entry for the said modification. **(INDAS 116)**

Question 2

(a) On 1st April, 20X1, an entity purchased an office block (building) for Rs. 50,00,000 and paid a non-refundable property transfer tax and direct legal cost of Rs. 2,50,000 and Rs. 50,000 respectively while acquiring the building.

During 20X1, the entity redeveloped the building into two-story building. Expenditures on re- development were:

- Rs. 1,00,000 on Building plan approval;
- Rs. 10,00,000 on construction costs (including Rs. 60,000 refundable purchase taxes); and
- Rs. 40,000 was due to abnormal wastage of material and labour.

When the re-development of the building was completed on 1st October, 20X1, the entity rents out Ground Floor of the building to its subsidiary under an operating lease in return for rental payment. The subsidiary uses the building as a retail outlet for its products. The entity kept first floor for its own administration and maintenance staff usage. Equal value can be attributed to each floor.

How will the entity account for all the above mentioned expenses in the books of account as on 1st October, 20X1?

Also, discuss how the above building will be shown in the consolidated financial statements of the entity as a group and in its separate financial statements as per relevant Ind AS. **(INDAS 16)**

(b) (i) Can a Not-for-Profit organisation do the **Integrated Reporting** as per the Framework?

(ii) Can an Integrated reporting be done in compliance to the requirements of the local laws to prepare a management commentary or other reports?

(c) **INDAS 108** X Ltd. is operating in coating industry. Its business segments comprise Coating (consisting of decorative, automotive, industrial paints and related activities) and Others (consisting of chemicals, polymers and related activities). Certain information for financial year 20X1-20X2 is given below:

(Rs. in lakh)

Segments	External Revenue (including GST)	GST	Other operating Income	Result	Assets	Liabilities
Coating	2,00,000	5,000	40,000	10,000	50,000	30,000
Others	70,000	3,000	15,000	4,000	30,000	10,000

Additional information:

1. Unallocated income net of expenses is Rs. 30,00,00,000
2. Interest and bank charges is Rs. 20,00,00,000
3. Income tax expenses is Rs. 20,00,00,000 (current tax Rs. 19,50,00,000 and deferred tax Rs. 50,00,000)
4. Unallocated Investments are Rs. 1,00,00,00,000 and other assets are Rs. 1,00,00,00,000.
5. Unallocated liabilities, Reserves and surplus and share capital are Rs. 2,00,00,00,000, Rs. 3,00,00,00,000 & Rs. 1,00,00,00,000 respectively.

6. Depreciation amounts for coating and others are Rs. 10,00,00,000 and Rs. 3,00,00,000 respectively.
7. Capital expenditure for coating and others are Rs. 50,00,00,000 and Rs. 20,00,00,000 respectively.
8. Revenue from outside India is Rs. 6,20,00,00,000 and segment asset outside India Rs. 1,00,00,00,000.

Based on the above information, how X Ltd. would disclose information about reportable segment revenue, profit or loss, assets and liabilities for financial year 20X1 -20X2?

Question 3

(a) Two parties structure a joint arrangement in an incorporated entity i.e. Entity A in which each party has a 50% ownership interest. The purpose of the arrangement is to manufacture materials required by the parties for their own, individual manufacturing processes. The arrangement ensures that the parties operate the facility that produces the materials to the quantity and quality specifications of the parties. The legal form of Entity A (an incorporated entity) through which the activities are conducted initially indicates that the assets and liabilities held in Entity A are the assets and liabilities of Entity A. The contractual arrangement between the parties does not specify that the parties have rights to the assets or obligations for the liabilities of Entity A. There are following other relevant facts and circumstances applicable in this case:

- The parties agreed to purchase all the output produced by Entity A in a ratio of 50:50. Entity A cannot sell any of the output to third parties, unless this is approved by the two parties to the arrangement. Because the purpose of the arrangement is to provide the parties with output they require, such sales to third parties are expected to be uncommon and not material.
- The price of the output sold to the parties is set by both parties at a level that is designed to cover the costs of production and administrative expenses incurred by Entity A. Based on this operating model, the arrangement is intended to operate at a break-even level.

Based on the above fact pattern, determine whether the arrangement is a joint operation or a joint venture? Will your conclusion change in case Entity A sells all its output to third parties instead of its owners? **(INDAS 111)**

(b) On 1st April, 20X1, Star Limited has advanced a housing loan of Rs. 15 lakh to one of its employees at an interest rate of 6% per annum which is repayable in 5 equal annual installments along with interest at each year end. Employee is not required to give any specific performance against this benefit. The market rate of similar loan for housing finance by banks is 10% per annum.

The accountant of the company has recognized the staff loan in the balance sheet equivalent to the amount of housing loan disbursed i.e. Rs. 15 lakh. The interest income for the year is recognized at the contracted rate in the Statement of Profit and Loss by the company i.e. Rs. 90,000 (6% of Rs. 15 lakh).

Analyze whether the above accounting treatment made by the accountant is in compliance with the relevant Ind AS. If not, advise the correct treatment of housing loan, interest and other expenses in the financial statements of Star Limited for the year 20X1 -20X2 along with workings and applicable Ind AS.

You are required to explain how the housing loan should be reflected in the Ind AS compliant Balance Sheet of Star Limited on 31st March, 20X2. Ignore defer tax impact **(INDAS 109)**

Question 4

(a) Prepare the consolidated Balance Sheet as on 31st March, 20X2 of a group of companies comprising P Limited, S Limited and SS Limited. Their balance sheets on that date are given below:

Rs. in lakh

	P Ltd.	S Ltd.	SS Ltd.
Assets			
Non-Current Assets			
Property, Plant and Equipment	320	360	300
Investment:			
32 lakh shares in S Ltd.	340		
24 lakh shares in SS Ltd.		280	
Current Assets			
Inventories	220	70	50
Financial Assets			
Trade Receivables	260	100	220
Bills Receivables	72	-	30
Cash in hand and at Bank	228	40	40
	1440	**850**	**640**
Equity and Liabilities			
Shareholder's Equity			
Share Capital (Rs. 10 per share)	600	400	320
Other Equity			
Reserves	180	100	80
Retained earnings	160	50	60
Current Liabilities			
Financial Liabilities			
Trade Payables	470	230	180
Bills Payable			
P Ltd.		70	
SS Ltd.	30	-	-
	1440	**850**	**640**

The following additional information is available:

(i) P Ltd. Holds 80% shares in S Ltd. And S Ltd. Holds 75% shares in SS Ltd. Their holdings were acquired on 30th September, 20X1.

(ii) The business activities of all the companies are not seasonal in nature and therefore, it can be assumed that profits are earned evenly throughout the year.

(iii) On 1st April, 20X1, the following balances stood in the books of S Ltd. And SS Ltd.

Rs. in Lakhs

	S Limited	SS Limited
Reserves	80	60
Retained earnings	20	30

(iv) Rs. 10 lakh included in the inventory figure of S Ltd, is inventory which has been purchased from SS Ltd at cost plus 25%. The sale of goods by SS Ltd. is done after acquisition of shares by S Ltd.

(v) The parent company has adopted an accounting policy to measure non-controlling interest at fair value (quoted market price) applying **Ind AS 103.** Assume market prices of S Ltd and SS Ltd are the same as respective face values.

(b) A contractor enters into a contract with a customer to build an asset for Rs. 1,00,000, with a performance bonus of Rs. 50,000 that will be paid based on the timing of completion. The amount of the performance bonus decreases by 10% per week for every week beyond the agreed-upon completion date. The contract requirements are similar to those of contracts that the contractor has performed previously, and management believes that such experience is predictive for this contract. The contractor concludes that the expected value method is most predictive in this case.

The contractor estimates that there is a 60% probability that the contract will be completed by the agreed-upon completion date, a 30% probability that it will be completed one week late, and a 10% probability that it will be completed two weeks late.

Determine the transaction price **(INDAS 115)**

Question 5

(a) Company A expects to earn Rs. 15,000 pre-tax profit each quarter and has a corporate tax slab of 20 percent on the first Rs. 20,000 of annual earnings and 40 per cent on all additional earnings. Actual earnings match expectations. Calculate the amount of income tax to be shown in each quarter. **(INDAS 34)**

(b) T Ltd. enters into a two-year contract for internet services with Customer C. C also buys a modem and a router from T Ltd. and obtains title to the equipment. T Ltd. does not require customers to purchase its modems and routers and will provide internet services to customers using other equipment that is compatible with T Ltd.'s network. There is a secondary market in which modems and routers can be bought or sold for amounts greater than scrap value.

Determine how many performance obligations does the entity T Ltd. have? **(INDAS 115)**

(c) Entity sells gym memberships for Rs. 7,500 per year to 100 customers, with an option to renew at a discount in 2nd and 3rd years at Rs. 6,000 per year. Entity estimates an annual attrition rate of 50% each year.

Determine the amount of revenue to be recognised in the first year and the amount of contract liability against the option given to the customer for renewing the membership at discount. **(INDAS 115)**

(d) Mr. X is a domestic partner of Ms. Y. Mr. X has an investment in A Limited and Ms. Y has an investment in B Limited.

(i) Examine when can a related party relationship is established, from the perspective of A Limited's financial statements.

(ii) Examine when can related party relationship is established, from the perspective of B Limited's financial statements.

(iii) Will A Limited and B Limited be related parties if Mr. X has only significant influence over A Limited and Ms. Y also has significant influence over B Limited. **(INDAS 24)**

Question 6

(a) **EITHER**

ABC Ltd. has taken a loan of USD 20,000 on 1st April, 20X1 for constructing a plant (qualifying asset) at an interest rate of 5% per annum payable on annual basis.

On 1st April, 20X1, the exchange rate between the currencies i.e. USD vs Rupees was Rs. 45 per USD. The exchange rate on the reporting date i.e. 31st March, 20X2 is Rs. 48 per USD.

The corresponding amount could have been borrowed by ABC Ltd. from State Bank of India in local currency at an interest rate of 11% per annum as on 1st April, 20X1.

Compute the total borrowing cost to be capitalized for the construction of plant by ABC Ltd. for the period ending 31st March, 20X2. Also explain the accounting treatment of exchange loss incurred in the due process. **(INDAS 21)**

OR

(INDAS 105) Identify which of the following is a disposal group at 31st March, 20X1:

(1) On 21st March, 20X1, XYZ Ltd. announced the Board's intention to sell its shares in a subsidiary company, Alpha Ltd., contingent upon the approval of Alpha Ltd.'s shareholders. It seems unlikely that approval will be granted in the near future and no specific potential buyer has been identified.

(2) PQR Ltd. has entered into a contract to sell the entire delivery fleet of vehicles operated from its warehouse to a competitor, ABC Ltd., on 14th March, 20X1. The assets will be transferred on 28th April, 20X1 from which date the Group will outsource its delivery activities to another company, LMN Ltd.

(3) On 16th January, 20X1, DEF's management and shareholders approved a plan to sell its retail business in Mumbai and a consultant is hired to manage the sale. As at 31 st March, 20X1 heads of agreement had been signed although due diligence and the negotiation of final terms are still in process. The transaction is expected to be completed in April, 20X1.

(b) M Ltd. is engaged in the business of manufacturing of bottles for pharmaceutical companies and non-pharmaceutical companies. It has a wholly owned subsidiary, G Ltd., which is engaged in the business of pharmaceuticals. G Ltd. purchases the pharmaceutical bottles from its parent company. The demand of G Ltd. is very high and hence to cater to its shortfall, G Ltd. also purchases the bottles from other companies. Purchases are made at the competitive prices.

M Ltd. sold pharmaceuticals bottles to G Ltd. for Euro 12 lacs on 1st February, 20X1. The cost of these bottles was Rs. 830 lacs in the books of M Ltd. at the time of sale. At the year-end i.e. 31st March, 20X1, all these bottles were lying as closing stock and payable with G Ltd.

Euro is the functional currency of G Ltd. while Indian Rupees is the functional currency of M Ltd. Following additional information is available:

Exchange rate on 1st February, 20X1	1 Euro = Rs. 83
Exchange rate on 31st March, 20X1	1 Euro = Rs. 85

Provide the accounting treatment for the above in books of M Ltd. and G Ltd. Also show its impact on consolidated financial statements. Support your answer by Journal entries, wherever necessary, in the books of M Ltd. **(INDAS 21)**

(c) On 1st April, 20X1, Sun Ltd. has acquired 100% shares of Earth Ltd. for Rs. 30 lakh. Sun Ltd. has 3 cash-generating units A, B and C with fair value of Rs. 12 lakh, Rs. 8 lakh and Rs. 4 lakh respectively. The company recognizes goodwill of Rs. 6 lakh that relates to CGU 'C' only.

During the financial year 20X2-20X3, the CFO of the company has a view that there is no requirement of any impairment testing for any CGU since their recoverable amount is comparatively higher than the carrying amount and believes there is no indicator of impairment.

Analyse whether the view adopted by the CFO of Sun Ltd. is in compliance with the Ind AS. If not, advise the correct treatment in accordance with relevant Ind AS. **(INDAS 36)**

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ANSWER

Solution 1

(a) **A Limited**

Consolidated Balance Sheet as at 31st March 20X1 (in crore)

Particulars	Note	31st March, 20X1	31st March, 20X0
ASSETS			
Non-current assets			
(a) Property, plant and equipment	1	3,590	3,460
(b) Investment property		3,100	3,100
Total non-current assets		6,690	6,560
Current assets			
(a) Inventory	2	1,680	1,780
(b) Financial assets			
(i) Trade and other receivables	3	2,100	1,735
(ii) Cash and cash equivalents	4	320	200
Total current assets		4,100	3,715
Total assets		**10,790**	**10,275**
EQUITY & LIABILITIES			
Equity attributable to owners of the parent			
Share capital		1,130	1,050
Other Equity	5	2,825	2,350
Non-controlling interests		830	540
Total equity		**4,785**	**3,940**
LIABILITIES			
Non-current liabilities			
(a) Financial Liabilities			
(i) Borrowings - Long-term debt	6	2,800	3,385
(b) Provisions			
(i) Long-term provisions (environmental restoration)		765	640
Total non-current liabilities		**3,565**	**4,025**
Current liabilities			
(a) Financial Liabilities	7		
(i) Trade and other payables (Other than micro enterprises and small enterprises)	8	895	820
(ii) Current portion of long-term debt		500	500
(iii) Interest accrued on long-term debt		260	290

(iv) Dividend payable		150	230
(b) Provisions			
(i) Warranty provision		600	445
(ii) Provisions for accrued leave		35	25
Total current liabilities		2,440	2,310
Total liabilities		6,005	6,335
Total equity and liabilities		**10,790**	**10,275**

Working Notes:

Notes	Particulars	Basis	Calculation ₹ in crore	Amount ₹ in crore
1	Property, plant and equipment	Property, plant and equipment (PPE) at cost less Accumulated (depreciation on PPE	5,200 – 1,610 (4,700 – 1,240)	3,590 (3,460)
2	Inventory	Inventory at cost add Inventory at fair value less cost to complete and sell	1,500 + 180 (1,650 + 130)	1,680 (1,780)
3	Trade and other receivables	Accounts receivable less Provision for doubtful receivables	2,300 – 200 (1,800 – 65)	2,100 (1,735)
4	Cash and cash equivalents	Cash and Cash equivalents	250 + 70 (170 + 30)	320 (200)
5	Other Equity	Retained earnings at the beginning of the year add Profit for the year less Non-controlling interest's share of profit for the year less Dividend declared by A Limited	1,875 + 1,200– 160 – 90 (1,740 + 830 – 150 – 70)	2,825 (2,350)
6	Long-term debt	Long-term debt less Due on 1st January each year	3,300 – 500 (3,885 – 500)	2,800 (3,385)
7	Trade & other payables	Trade payables add Accrued expenses	880 + 15 (790 + 30)	895 (820)
8	Current portion of long- term debt	Due on 1st January each year	- -	500 (500)

Note: Figures in brackets represent the figures for the comparative year.

(b) At the effective date of the modification (at the beginning of Year 7), Lessee remeasures the lease liability based on:

(a) Remaining lease term = 8 years

(b) Annual payments = ₹ 1,00,000 and

(c) Lessee's incremental borrowing rate = 7% p.a.

The modified lease liability equals ₹ 5,97,100 (W.N.1). The lease liability immediately before the modification (including the recognition of the interest expense until the end of Year 6) is ₹ 3,46,355 (W.N.3). Lessee recognises the difference between the carrying amount of the modified lease liability and the carrying amount of the lease liability immediately before the modification (i.e., ₹ 2,50,745) (W.N.4) as an adjustment to the ROU Asset.

Journal Entry

	`	`
ROU Asset A/c Dr.	2,50,745	
To Lease Liability A/c		2,50,745
(Being difference in lease liability on account of modification of lease adjusted through ROU Asset A/c)		

Working Notes:

1. Calculation of present value of modified lease liability at the beginning of 7th year

Year	Lease Payment (A)	e factor @ 7% (B)	Present value of lease payments (A x B = C)
7	1,00,000	0.935	93,500
8	1,00,000	0.873	87,300
9	1,00,000	0.816	81,600
10	1,00,000	0.763	76,300
11	1,00,000	0.713	71,300
12	1,00,000	0.666	66,600
13	1,00,000	0.623	62,300
14	1,00,000	0.582	58,200
PV of the modified lease liability at the beginning of the 7th year			5,97,100

2. Calculation of present value of lease liability at the commencement date

Year	Lease Payment (A)	Present value factor @ 6% (B)	PV of lease payments (A x B = C)
1	1,00,000	0.943	94,300
2	1,00,000	0.890	89,000
3	1,00,000	0.840	84,000
4	1,00,000	0.792	79,200
5	1,00,000	0.747	74,700
6	1,00,000	0.705	70,500
7	1,00,000	0.665	66,500
8	1,00,000	0.627	62,700
9	1,00,000	0.592	59,200
10	1,00,000	0.558	55,800
Present value of the lease liability at the commencement date			7,35,900

3. Calculation of lease liability immediately before the modification date

Year	Opening lease liability (A)	Interest @ 6% (B) = [A x 6%]	Lease payments (C)	Closing liability (D) = [A+B-C]
1	7,35,900	44,154	1,00,000	6,80,054
2	6,80,054	40,803	1,00,000	6,20,857

3	6,20,857	37,251	1,00,000	5,58,108
4	5,58,108	33,486	1,00,000	4,91,594
5	4,91,594	29,496	1,00,000	4,21,090
6	4,21,090	25,265	1,00,000	3,46,355
Lease liability as at modification date				3,46,355

4. Adjustment to ROU asset

Modified Lease liability	5,97,100
Original Lease liability as at modification date	(3,46,355)
Adjustment to ROU asset	2,50,745

The ROU asset will be increased by ` 2,50,745 on the date of modification.

Solution 2

(a) In accordance with Ind AS 16, all costs required to bring an asset to its present location and condition for its intended use should be capitalised. Therefore, the initial purchase price of the building would be:

Particulars	**()**
Purchase amount	50,00,000
Non-refundable property tax	2,50,000
Direct legal cost	50,000
	53,00,000
Expenditures on redevelopment:	
Building plan approval	1,00,000
Construction costs (10,00,000 – 60,000)	9,40,000
Total amount to be capitalised at 1st October, 20X1	63,40,000

Treatment of abnormal wastage of material and labour:

As per Ind AS 16, the cost of abnormal amounts of wasted material, labour, or other resources incurred in self-constructing an asset is not included in the cost of the asset. It will be charged to Profit and Loss in the year it is incurred. Hence, abnormal wastage of ₹ 40,000 will be expensed off in Profit & Loss in the financial year 20X1-20X2.

Accounting of property- Building

When the property is used as an administrative centre, it is not an investment property, rather it is an 'owner occupied property'. Hence, Ind AS 16 will be applicable.

When the property (land and/or buildings) is held to earn rentals or for capital appreciation (or both), it is an Investment Property. Ind AS 40 prescribes the cost model for accounting of such investment property.

Since equal value can be attributed to each floor, Ground Floor of the building will be considered as Investment Property and accounted for as per Ind AS 40 and First Floor would be considered as Property, Plant and Equipment and accounted for as per Ind AS 16.

Cost of each floor = ₹ 63,40,000 / 2 = ₹ 31,70,000

As on 1st October, 20X1, the carrying value of building vis-à-vis its classification would be as follows:

(i) In the Separate Financial Statements: The Ground Floor of the building will be classified as investment property for ₹ 31,70,000, as it is property held to earn rentals. While First Floor of the building will be classified as item of property, plant and equipment for ₹ 31,70,000.

(ii) *In the Consolidated Financial Statements: The consolidated financial statements present the parent and its subsidiary as a single entity. The consolidated entity uses the building for the supply of goods. Therefore, the leased-out property to a subsidiary does not qualify as investment property in the consolidated financial statements. Hence, the whole building will be classified as an item of Property, Plant and Equipment for ₹ 63,40,000..*

(b)

(i) The Framework for integrated reporting has been written primarily in the context of private sector, for-profit companies of any size but it can also be applied, adapted as necessary, by public sector and not-for-profit organizations.

(ii) An integrated report may be prepared in response to existing compliance requirements. For example, an organization may be required by local law to prepare a management commentary or other report that provides context for its financial statements. If that report is also prepared in accordance with this Framework, it can be considered as an integrated report. If the report is required to include specified information beyond that required by th e Framework, the report can still be considered as an integrated report if that other information does not obscure the concise information required by the Framework.

(c) *Segment information*

(A) *Information about operating segment*

(1) *The company's operating segments comprise:*

Coatings: consisting of decorative, automotive, industrial paints and related activities.

Others: consisting of chemicals, polymers and related activities.

(2) *Segment revenues, results and other information.* ***(in Lakh)***

	Revenue	**Coating**	**Others**	**Total**
1.	External Revenue (gross)	2,00,000	70,000	2,70,000
	Less: GST	(5,000)	(3,000)	(8,000)
	Total Revenue (net)	1,95,000	67,000	2,62,000
	Other Operating Income	40,000	15,000	55,000
	Total Revenue	2,35,000	82,000	3,17,000
2.	**Results**			
	Segment results	10,000	4,000	14,000
	Unallocated income (net of unallocated expenses)			3,000
	Profit from operation before interest, taxation and exceptional items			17,000
	Interest and bank charges			(2,000)
	Profit before exceptional items			15,000
	Exceptional items			Nil
	Profit before taxation			15,000
	Income Taxes			
	-Current taxes			(1,950)

	-Deferred taxes			(50)
	Profit after taxation			13,000
3.	**Other Information**			
(a)	**Assets**			
	Segment Assets	50,000	30,000	80,000
	Investments			10,000
	Unallocated assets			10,000
	Total Assets			1,00,000
(b)	**Liabilities and Shareholder's funds**			
	Segment liabilities	30,000	10,000	40,000
	Unallocated liabilities			20,000
	Share capital			10,000
	Reserves and surplus			30,000
	Total liabilities and shareholder's funds			1,00,000
(c)	**Others**			
	Capital Expenditure	(5,000)	(2,000)	(7,000)
	Depreciation	(1,000)	(300)	(1,300)

Geographical Information **(₹ in lakh)**

		India (₹)	Outside India (₹)	Total (₹)
	Revenue	2,55,000	62,000	3,17,000
	Segment assets	90,000	10,000	1,00,000
	Capital expenditure	7,000		7,000

Solution 3

(a) The legal form of Entity A and the terms of the contractual arrangement indicate that the arrangement is a joint venture. However, the other relevant facts and circumstances mentioned above indicates that:

- the obligation of the parties to purchase all the output produced by Entity A reflects the exclusive dependence of Entity A upon the parties for the generation of cash flows and, thus, the parties have an obligation to fund the settlement of the liabilities of Entity A.
- the fact that the parties have rights to all the output produced by Entity A means that the parties are consuming, and therefore have rights to, all the economic benefits of the assets of Entity A.

These facts and circumstances indicate that the arrangement is a joint operation.

The conclusion about the classification of the joint arrangement in these circumstances would not change if, instead of the parties using their share of the output themselves in a subsequent manufacturing process, the parties sold their share of the output to th ird parties.

If the parties changed the terms of the contractual arrangement so that the arrangement was able to sell output to third parties, this would result in Entity A assuming demand, inventory and credit risks. In that scenario, such a change in the facts and circumstances would require reassessment *of the classification of the joint arrangement. Such facts and circumstances would indicate that the arrangement is a joint venture.*

(b) *The accounting treatment made by the accountant is not in compliance with Ind AS 109 'Financial Instruments'. As per Ind AS 109, at initial recognition, an entity shall measure a financial asset or financial liability at its fair value. The fair value of a financial instrument at initial recognition is normally the transaction price i.e. the fair value of the consideration given or received.*

After initial recognition, an entity shall measure a financial asset either at amortised cost or at fair value through profit and loss or fair value through other comprehensive income.

Here, the loan given to employee is not at market rate. Hence, the fair value of the loan will not be equal to its initial loan proceeds. As per Ind AS 109, a financial instrument is initially measured and recorded in the books at its fair value. Further, interest income to be recognised in the Statement of Profit and Loss will be the finance income recognised at effective rate of interest i.e. @ 10% and not the rate of interest charged by the company i.e. @ 6%.

The correct accounting treatment as per Ind AS 109 will be as under:

For measuring the fair value or present value of the loan at initial recognition, market rate of interest of similar loan is considered (level 1 observable input) ie @ 10%, to discount the cash outflows.

The fair value of the loan shall be as follows:

Date	**Outstanding loan**	**Principal**	**Interest income @ 6%**	**Total inflow**	**Discount factor @ 10%**	**PV**
31st March 20X2	15,00,000	3,00,000	90,000	3,90,000	0.909	3,54,510
31st March 20X3	12,00,000	3,00,000	72,000	3,72,000	0.826	3,07,272
31st March 20X4	9,00,000	3,00,000	54,000	3,54,000	0.751	2,65,854
31st March 20X5	6,00,000	3,00,000	36,000	3,36,000	0.683	2,29,488
31st March 20X6	3,00,000	3,00,000	18,000	3,18,000	0.621	1,97,478
Fair value of the loan						**13,54,602**

As per Ind AS 19, employee benefits are all forms of consideration given by an entity in exchange for services rendered by employees or for termination of employment. Difference of loan proceeds and present value of the loan (fair value) will be treated as prepaid employee cost irrespective of the fact that employee is not required to give any specific performanc e against this benefit. This is because employee is required to be in service of the company to continue availing the benefits of concessional rate of interest on housing loan. Practically, once the employee leaves the organisation, they have to repay the outstanding loan because the company provides the loan at concessional rate of interest only to its employees.

Hence, it is an employee benefit given by the company to its employees. This deemed employee cost of ₹ 1,45,398 (15,00,000 – 13,54,602) will be deferred and amortised over the period of loan on straight line basis.

Calculation of amortised cost of loan to employees

Financial year Ending on 31st March	Amortised cost (opening balance)	Interest to be recognize @ 10%	Repayment (including interest)	Amortised cost (closing balance)
20X2	13,54,602	1,35,460	3,90,000	11,00,062
20X3	11,00,062	1,10,006	3,72,000	8,38,068
20X4	8,38,068	83,807	3,54,000	5,67,875
20X5	5,67,875	56,788	3,36,000	2,88,663
20X6	2,88,663	29,337*	3,18,000	-

* 2,88,663 x 10% = ₹ 28,866. Difference of ₹ 471 (29,337 – 28,866) is due to approximation in computation.

Journal Entries to be recorded at every period end

1. On 1st April, 20X1

Particulars	Dr. Amount (₹)	Cr. Amount (₹)
Loan to employee A/c Dr.	13,54,602	
Prepaid employee cost A/c Dr.	1,45,398	
To Bank A/c		15,00,000
(Being loan asset recorded at initial fair value)		

2. On 31st March, 20X2

Particulars	Dr. Amount (₹)	Cr. Amount (₹)
Bank A/c Dr.	3,90,000	
To Finance income A/c (profit and loss) @10%		1,35,460
To Loan to employee A/c		2,54,540
(Being first instalment of repayment of loan accounted for using the amortised cost and effective interest rate @ 10%)		
Employee benefit cost (profit and loss) A/c Dr.	29,080	
To Prepaid employee cost A/c (1,45,398/5)		29,080
(Being amortization of pre-paid employee cost charged to profit and loss as employee benefit cost)		

The following housing loan balances should appear in the financial statements:

Extracts of Balance Sheet of Star Ltd. as at 31st March, 20X2

Non-current asset	
Financial asset	
Loan to employee (11,00,062 – 3,72,000 + 1,10,006)	8,38,068
Other non-current asset	
Prepaid employee cost	87,238
Current asset	
Financial asset	

Loan to employee (3,72,000-1,10,006)	2,61,994
Other current asset	
Prepaid employee cost	29,080

Solution 4

(a) Consolidated Balance Sheet of the Group as at 31st March, 20X2

Particulars	Note No.	₹ in lakh
ASSETS		
Non-current assets		
Property, plant and equipment	1	980
Current assets		
(a) Inventory	2	338
(b) Financial assets		
Trade receivable	3	580
Bills receivable	4	2
Cash and cash equipment	5	308
Total assets		**2,208**
EQUITY & LIABILITIES		
Equity attributable to owners of parent		
Share Capital		600
Other Equity		
Reserve (W.N.5)		194
Retained Earnings (W.N.5)		179.8
Capital Reserve (W.N.3)		188
Non-controlling interests (W.N.4)		166.2
Total equity		**1328**
LIABILITIES		
Non-current liabilities		**Nil**
Current liabilities		
(a) Financial Liabilities		
(i) Trade payables	6	880
Total liabilities		880
Total equity and liabilities		**2,208**

Notes to Accounts **(₹ in lakh)**

1.	Property Plant & Equipment		
	P Ltd.	320	
	S Ltd.	360	
	SS Ltd.	300	980
2.	Inventories		
	P Ltd.	220	
	S Ltd. (70-2)	68	

	SS Ltd.	50	338
3.	Trade Receivable		
	P Ltd.	260	
	S Ltd.	100	
	SS Ltd.	220	580
4.	Bills Receivable		
	P Ltd. (72-70)	2	
	S Ltd. (30-30)	-	2
5.	Cash & Cash equivalents		
	P Ltd.	228	
	S Ltd.	40	
	SS Ltd.	40	308
6.	Trade Payables		
	P Ltd.	470	
	S Ltd.	230	
	SS Ltd.	180	880

Working Notes:

1. Analysis of Reserves and Surplus **(₹ in lakh)**

		S Ltd.		SS Ltd.
Reserves as on 31.3.20X1		80		60
Increase during the year 20X1-20X2	20		20	
Increase for the half year till 30.9.20X1		10		10
Balance as on 30.9.20X1 (A)		90		70
Total balance as on 31.3.20X2		100		80
Post-acquisition balance		10		10
Retained Earnings as on 31.3.20X1		20		30
Increase during the year 20X1-20X2	30		30	
Increase for the half year till 30.9.20X1		15		15
Balance as on 30.0.20X1 (B)		35		45
Total balance as on 31.3.20X2		50		60
Post-acquisition balance		15		15
Less: Unrealised Gain on inventories (10 ÷ 100 x 25)		-		(2)
Post-acquisition balance for CFS		15		13
Total balance on the acquisition date ie.30.9.20X1 (A+B)		125		115

2. Calculation of Effective Interest of P Ltd. in SS Ltd.

Acquisition by P Ltd. In S Ltd. = 80%

Acquisition by S Ltd. In SS Ltd. = 75%

Acquisition by Group in SS Ltd. (80% x 75%) = 60%

Non-controlling Interest = 40%

3. Calculation of Goodwill / Capital Reserve on the acquisition

	S Ltd.	SS Ltd.
Investment or consideration	340	(280 x 80%) 224
Add: NCI at Fair value		
(400 x 20%)	80	
(320 x 40%)	-	128
	420	352
Less: Identifiable net assets (Share Capital + Increase in the Reserves and Surplus till acquisition date)	(400+125) (525)	(320+115) (435)
Capital Reserve	105	83
Total Capital Reserve (105 + 83)	188	

4. Calculation of Non-controlling Interest

	S Ltd.	SS Ltd.
At Fair Value (See Note 3)	80	128
Add: Post Acquisition Reserves (See Note 1)	(10 x 20%) 2	(10 x 40%) 4
Add: Post Acquisition Retained Earnings (See Note 1)	(15 x 20%) 3	(13 x 40%) 5.2
Less: NCI share of investment in SS Ltd.	(280 x 20%) (56)*	-
	29	137.2
Total (29 + 137.2)	166.2	

*Note: The Non-controlling interest in S Ltd. Will take its proportion in SS Ltd. So they have to bear their proportion in the investment by S Ltd. (in SS Ltd.) also.

5. Calculation of Consolidated Other Equity

	Reserves	Retained Earnings
P Ltd.	180	160
Add: Share in S Ltd.	(10 x 80%) 8	(15 x 80%) 12
Add: Share in SS Ltd.	(10 x 60%) 6	(13 x 60%) 7.8
	194	179.8

(b) The transaction price should include management's estimate of the amount of consideration to which the entity will be entitled for the work performed.

Probability-weighted	Consideration
₹ 1,50,000 (fixed fee plus full performance bonus) x 60%	₹ 90,000
₹ 1,45,000 (fixed fee plus 90% of performance bonus) x 30%	₹ 43,500
₹ 1,40,000 (fixed fee plus 80% of performance bonus) x 10%	₹ 14,000
Total probability-weighted consideration	₹ 1,47,500

Based on the probability-weighted estimate, the total transaction price is ₹ 1,47,500. The contractor have to update its estimate at each reporting date.

Solution 5

(a) The following table shows the amount of income tax expense that is reported in each quarter:

Expected Total Income = 15,000 x 4 = ₹ 60,000

Expected Tax as per slabs = 20,000 x 20% + 40,000 x 40% = ₹ 20,000

Average Annual Income tax rate = 20,000/60,000 x 100 = 33.33%

Amount (₹)

	Q1	Q2	Q3	Q4
Profit before tax	15,000	15,000	15,000	15,000
Tax expense	5,000	5,000	5,000	5,000

(b) T Ltd. concludes that the modem and router are each distinct and that the arrangement includes three performance obligations (the modem, the router and the internet services) based on the following evaluation:

Criterion 1: Capable of being distinct

- C can benefit from the modem and router on their own because they can be resold for more than scrap value.
- C can benefit from the internet services in conjunction with readily available resources – i.e. either the modem and router are already delivered at the time of contract set- up, they could be bought from alternative retail vendors or the internet service could be used with different equipment.

Criterion 2: Distinct within the context of the contract

- T Ltd. does not provide a significant integration service.
- The modem, router and internet services do not modify or customise one another.
- C could benefit from the internet services using routers and modems that are not sold by T Ltd.

Therefore, the modem, router and internet services are not highly dependent on or highly inter-related with each other.

(c) Allocated price per unit (year) is calculated as follows:

Total estimated memberships is 175 members (Year 1 = 100; Year 2 = 50; Year 3 = 25) = 175

Total consideration is ₹ 12,00,000 {(100 x 7,500) + (50 x 6,000) + (25 x 6,000)}

Allocated price per membership is ₹ 6,857 approx. (12,00,000 / 175)

Basis on above, it is to be noted that although entity has collected ₹ 7,500 but revenue can be recognised at ₹ 6,857 approx. per membership and remaining ₹ 643 should be recorded as contract liability against option given to customer for renewing their membership at discount.

(d)

(i) If Mr. X controls or jointly controls A Limited, then Mr. X is a related party to A limited. B Limited will be considered as related to A Limited when Ms. Y also has control, joint control or significant influence over B Limited because Ms. Y is a domestic partner of Mr. X.

(ii) If Ms. Y controls or jointly controls B Limited, then Ms. Y is a related party to B limited. A Limited will be considered as related to B Limited when Mr. X also has control, joint control or significant influence over A Limited because Mr. X is a domestic partner of Ms. Y.

(iii) No, Significant influence does not lead to direct / indirect control between the A Ltd. and B Ltd. Hence, they will not be considered as related party.

Solution 6

(a) **Either**

The amount of borrowing cost to be capitalized requires determination of interest cost on foreign currency loan and eligible exchange loss difference to be adjusted, if any.

(i) Interest on foreign currency loan for the period:

USD 20,000 x 5% = USD 1,000

Converted in `: USD 1,000 x ₹ 48/USD = ₹` 48,000

(ii) Increase in liability due to change in exchange difference:

USD 20,000 x (48 - 45) = ₹ 60,000

(iii) Interest that would have resulted if the loan was taken in Indian Currency:

USD 20,000 x ₹ 45/USD x 11% = ₹ 99,000

(iv) Difference between interest on foreign currency borrowings and interest on local currency borrowings:

₹ 99,000 - 48,000 = ₹ 51,000

Since interest saving of ₹ 51,000 is less than the exchange loss of Rs. 60,000, exchange loss to the extent of ₹ 51,000 will be capitalized as borrowing costs.

Therefore, total borrowing cost to be capitalized will be:

(1)	Interest cost on borrowings in foreign currency	₹ 48,000
(2)	Exchange difference to the extent considered to be an adjustment to interest cost	₹ 51,000
		₹ 99,000

The remaining exchange loss of ₹ 9,000 (60,000 – 51,000) will be expensed off in the Statement of Profit and loss.

(a) **OR**

Presented as disposal group held for sale

(1) PQR Ltd.'s fleet of vehicles is classified as held for sale because it constitutes a group of assets to be sold in their present condition and the sale is highly probable at the reporting date (as a contract has been entered into).

(2) DEF Ltd.'s sale of its retail business will not be completed until the final terms (e.g. of purchase price) are agreed. However, the business is ready for immediate sale and the sale is highly probable to be completed by April, 20X1. This implies that the retail business is a disposal group held for sale, unless other evidence after the reporting date but before the financial statements are approved for issue, comes to light to indicate the contrary.

Not presented as disposal group held for sale

(1) XYZ Ltd.'s shares in Alpha Ltd. are not available for an immediate sale as shareholders' approval is required. Also, no specific potential buyer has been identified. Taking these facts into consideration, it is clear that the sale is not highly probable.

(b) Accounting treatment in the books of M Ltd. (Functional Currency Rupees)

M Ltd. will recognize sales of ₹ 996 lacs (12 lacs Euro x ₹ 83)

Profit on sale of inventory = ₹ 996 lacs – ₹ 830 lacs = ₹ 166 lacs.

On balance sheet date, receivable from G Ltd. will be translated at closing rate i.e. 1 Euro = ₹ 85.

Therefore, unrealised forex gain will be recorded in standalone profit and loss by ₹ 24 lacs. (i.e. (₹ 85 - ₹ 83) x 12 Lacs)

Journal Entries

	₹ (in Lacs)	₹ (in Lacs)
G Ltd. Dr.	996	
To Sales		996
(Being revenue recorded on initial recognition)		
G Ltd. Dr.	24	
To Foreign exchange difference (unrealised)		24
(Being foreign exchange difference recorded at year end)		

Accounting treatment in the books of G Ltd. (Functional currency EURO)

G Ltd. will recognize inventory on 1st February, 20X1 of Euro 12 lacs which will also be its closing stock at year end.

Journal Entry

	(in Euros)	(in Euros)
Purchase Dr.	12 lakh	
To M Ltd.		12 lakh

Accounting treatment in the consolidated financial statements

Receivable and payable in respect of above-mentioned sale / purchase between M Ltd. and G Ltd. will get eliminated.

The closing stock of G Ltd. will be recorded at lower of cost or NRV.

	Euro (in lacs)	Rate	₹ (in lacs)
Cost	12	83	996
NRV (Assumed Same)	12	85	1020

Since cost is less than NRV, no write off in the value of inventory is required. The amount of closing stock of ₹ 996 lacs includes two components–

- Cost of inventory for ₹ 830 lacs; and
- Profit element of ₹ 166 lacs; and

At the time of consolidation, the second element amounting to ₹ 166 lacs will be eliminated from the closing stock.

Journal Entry

	₹ (in Lacs)	₹ (in Lacs)
Consolidated P&L A/c ‘ Dr.	166	
To Inventory		166
(Being profit element of intragroup transaction. eliminated)		

(c) Para 9 of Ind AS 36 ‘Impairment of Assets’ states that an entity shall assess at the end of each reporting period whether there is any indication that an asset may be impaired. If any such indication exists, the entity shall estimate the recoverable amount of the asset.

Further, paragraph 10(b) of Ind AS 36 states that irrespective of whether there is any indication of impairment, an entity shall also test goodwill acquired in a business combination for impairment annually.

Sun Ltd. has not tested any CGU on account of not having any indication of impairment is partially correct i.e. in respect of CGU A and B but not for CGU C. Hence, the treatment made by the Company is not in accordance with Ind AS 36.

Impairment testing in respect of CGU A and B are not required s ince there are no indications of impairment. However, Sun Ltd shall test CGU C irrespective of any indication of impairment annually as the goodwill acquired on business combination is fully allocated to CGU 'C'.