PAPER –1: FINANCIAL REPORTING

PART – I : RELEVANT AMENDMENTS, NOTIFICATIONS AND ANNOUNCEMENTS

A. Applicable for November, 2019 Examination (not covered in the November, 2018 edition of the study material)

The Companies (Indian Accounting Standards) Second Amendments Rules, 2019 notified on 30th March, 2019

Headings	Details
Appendix C, Uncertainty over Income Tax *Treatments,* to Ind AS 12	MCA has inserted a new Appendix C to Ind AS 12, *Uncertainty over Income Tax Treatments.* The appendix explains how to recognise and measure deferred and current income tax assets and liabilities where there is uncertainty over a tax treatment. In particular, it discusses: ➢ how to determine the appropriate unit of account, and that each uncertain tax treatment should be considered separately or together as a group, depending on which approach better predicts the resolution of the uncertainty; ➢ that the entity should assume a tax authority will examine the uncertain tax treatments and have full knowledge of all related information, i.e. detection risk should be ignored; ➢ that the entity should reflect the effect of the uncertainty in its income tax accounting when it is not probable that the tax authorities will accept the treatment; ➢ that the impact of the uncertainty should be measured using either the most likely amount or the expected value method, depending on which method better predicts the resolution of the uncertainty; and ➢ that the judgements and estimates made must be reassessed whenever circumstances have changed or there is new information that affects the judgements.
Amendments to Ind AS 12 – Income tax consequences of payments on financial	The amendments clarify that the income tax consequences of dividends on financial instruments classified as equity should be recognised according to where the past transactions or events that generated distributable profits were recognised. These requirements apply to all income tax consequences of dividends. Previously, it was unclear whether the income tax consequences of dividends should be

instruments classified as equity	recognised in profit or loss, or in equity, and the scope of the existing guidance was ambiguous
Amendments to Ind AS 19 – Plan amendment, curtailment or settlement	The amendments to Ind AS 19 clarify the accounting for defined benefit plan amendments, curtailments and settlements. They confirm that entities must: ➢ calculate the current service cost and net interest for the remainder of the reporting period after a plan amendment, curtailment or settlement by using the updated assumptions from the date of the change; ➢ any reduction in a surplus should be recognised immediately in profit or loss either as part of past service cost, or as a gain or loss on settlement. In other words, a reduction in a surplus must be recognised in profit or loss even if that surplus was not previously recognised because of the impact of the asset ceiling; and ➢ separately recognise any changes in the asset ceiling through other comprehensive income.
Amendments to Ind AS 23 – Borrowing costs eligible for capitalisation	In computing the capitalisation rate for generally borrowed funds, the entity should exclude borrowing costs on borrowings which are specifically used for the purpose of obtaining a qualifying asset until that specific asset is ready for its intended use or sale. Once such specific asset is ready for its intended use or sale, borrowing costs related to borrowings of such asset shall be considered as part of general borrowing costs of the entity and be used for computation of capitalisation rate on general borrowings.
Amendment to Ind AS 28 - Long-term Interests in Associates and Joint Ventures	An entity's net investment in associate or joint venture includes investment in ordinary shares, other interests that are accounted using the equity method, and other long term interests, such as preference shares and long term receivables or loans, the settlement of which is neither planned nor likely to occur in the foreseeable future. These long term interests are not accounted for in accordance with Ind AS 28, instead they are governed by the principles of Ind AS 109. As per para 10 of Ind AS 28, the carrying amount of entity's investment in its associate and joint venture increases or decreases (as per equity method) to recognise the entity's share of profit or loss of its investee associate and joint venture.

	Para 38 of Ind AS 38 further states that the losses that exceed he entity's investment in ordinary shares are applied to other components of the entity's interest in the associate or joint venture in the reverse order of their superiority. In this context, the amendments to Ind AS 28 clarify that the accounting for losses allocated to long-term interests would involve the dual application of Ind AS 28 and Ind AS 109. The annual sequence in which both standards are to be applied can be explained in a three step process: **Step 1: Apply Ind AS 109 independently** Apply Ind AS 109 (such as impairment, fair value adjustments etc.) ignoring any adjustments to carrying amount of long-term interests under Ind AS 28 (such as allocation of losses, impairment etc.) **Step 2: True-up past allocations** If necessary, prior years' Ind AS 28 loss allocation is trued up in the current year, because Ind AS 109 carrying value may have changed. This may involve recognizing more prior year's losses, reversing these losses or re-allocating them between different long-term interests. **Step 3: Book current year equity share** Any current year Ind AS 28 losses are allocated to the extent that the remaining long-term interest balance allows. Any current year Ind AS 28 profits reverse any unrecognized prior years' losses and then allocations are made against long-term interests.
Amendment to Ind AS 103 – Control over a joint operation achieved in stages	When a party to a joint operation, obtains control of a joint operation business, the transaction will be considered as a business combination achieved in stages. The acquirer should re-measure its previously held interest in the joint operation at fair value at the acquisition date.
Amendment to Ind AS 109 – Prepayment Features with Negative Compensation	Some prepayment options could result in other party being forced to accept negative compensation – e.g. the lender receives an amount less than the unpaid amounts of principal and interest if the borrower chooses to prepay. Earlier, these instruments were measured at FVTPL. However, now after amendment, such financial assets could be measured at amortised cost or at FVOCI if they meet the other relevant requirements of Ind AS 109. In other words, to qualify for amortised cost measurement**, the**

	negative compensation must be 'reasonable compensation for early termination of the contract' and the asset must be held within a 'held to collect' business model. To be eligible for the exception, the fair value of the prepayment feature would have to be **insignificant on initial recognition** of the asset. If this is impracticable to assess based on the facts and circumstances that existed on initial recognition of the asset, then the exception would not be available. Also financial assets prepayable at current fair value would be measured at FVTPL.
Amendment to Ind AS 111 – Joint control over a joint operation achieved in stages	The amendments clarify that the entity, who is a party to joint operation but was not having joint control earlier, now obtains joint control of a business that is a joint operation should not re-measure its previously held interest in the joint operation.

2. Relevant Sections of the Companies Act, 2013

The relevant Sections of the Companies Act, 2013 notified up to 30th April, 2019 are applicable for November, 2019 Examination.

B. Not applicable for November, 2019 Examination

The Companies (Indian Accounting Standards) Amendment Rules, 2019 notified by MCA on 30.3.2019, wherein it has notified Ind AS 116 (by replacing Ind AS 17), is NOT applicable for November, 2019 examination. It implies that for November, 2019 examination, Ind AS 17 is applicable and not Ind AS 116.

PART – II : QUESTIONS AND ANSWERS

QUESTIONS

Ind AS 34

1. An entity reports quarterly, earns ₹ 1,50,000 pre-tax profit in the first quarter but expects to incur losses of ₹ 50,000 in each of the three remaining quarters. The entity operates in a jurisdiction in which its estimated average annual income tax rate is 30%.

   The management believes that since the entity has zero income for the year, its income-tax expense for the year will be zero. State whether the management's views are correct. If not, then calculate the tax expense for each quarter as well as for the year as per Ind AS 34.

Ind AS 8

2. During 20X4-X5, Cheery Limited discovered that some products that had been sold during 20X3-X4 were incorrectly included in inventory at 31st March, 20X4 at ₹ 6,500.

   Cheery Limited's accounting records for 20X4-X5 show sales of ₹ 104,000, cost of goods sold of ₹ 86,500 (including ₹ 6,500 for the error in opening inventory), and income taxes of ₹ 5,250.

   In 20X3-X4, Cheery Limited reported:

	₹
Sales	73,500
Cost of goods sold	(53,500)
Profit before income taxes	20,000
Income taxes	(6,000)
Profit	14,000
Basic and diluted EPS	2.8

   The 20X3-X4 opening retained earnings was ₹ 20,000 and closing retained earnings was ₹ 34,000. Cheery Limited's income tax rate was 30% for 20X4-X5 and 20X3-X4. It had no other income or expenses.

   Cheery Limited had ₹ 50,000 (5,000 shares of ₹ 10 each) of share capital throughout, and no other components of equity except for retained earnings.

   State how the above will be treated /accounted in Cheery Limited's Statement of profit and loss, statement of changes in equity and in notes wherever required for current period and earlier period(s) as per relevant Ind AS.

Ind AS 102

3. QA Ltd. had on 1st April, 20X1 granted 1,000 share options each to 2,000 employees. The options are due to vest on 31st March, 20X4 provided the employee remains in employment till 31st March, 20X4.

   On 1st April, 20X1, the Directors of Company estimated that 1,800 employees would qualify for the option on 31st March, 20X4. This estimate was amended to 1,850 employees on 31st March, 20X2 and further amended to 1,840 employees on 31st March, 20X3.

   On 1st April, 20X1, the fair value of an option was ₹ 1.20. The fair value increased to ₹ 1.30 as on 31st March, 20X2 but due to challenging business conditions, the fair value declined thereafter. In September, 20X2, when the fair value of an option was ₹ 0.90, the Directors repriced the option and this caused the fair value to increase to ₹ 1.05. Trading conditions improved in the second half of the year and by 31st March, 20X3 the fair value of an option was ₹1.25. QA Ltd. decided that additional cost incurred due to repricing of the options on 30th September, 20X2 should be spread over the remaining vesting period from 30th September, 20X2 to 31st March, 20X4.

   The Company has requested you to suggest the suitable accounting treatment for these transaction as on 31st March, 20X3.

Ind AS 109

4. An entity purchases a debt instrument with a fair value of ₹ 1,000 on 15th March, 20X1 and measures the debt instrument at fair value through other comprehensive income. The instrument has an interest rate of 5% over the contractual term of 10 years, and has a 5% effective interest rate. At initial recognition, the entity determines that the asset is not a purchased or original credit-impaired asset.

   On 31st March 20X1 (the reporting date), the fair value of the debt instrument has decreased to ₹ 950 as a result of changes in market interest rates. The entity determines that there has not been a significant increase in credit risk since initial recognition and that ECL should be measured at an amount equal to 12 month ECL, which amounts to ₹ 30.

   On 1st April 20X1, the entity decides to sell the debt instrument for ₹ 950, which is its fair value at that date.

   Pass journal entries for recognition, impairment and sale of debt instruments as per Ind AS 109. Entries relating to interest income are not to be provided.

Ind AS 23

5. On 1st April, 20X1, entity A contracted for the construction of a building for ₹ 22,00,000. The land under the building is regarded as a separate asset and is not part of the qualifying assets. The building was completed at the end of March, 20X2, and during the

period the following payments were made to the contractor:

Payment date	Amount (₹ '000)
1st April, 20X1	200
30th June, 20X1	600
31st December, 20X1	1,200
31st March, 20X2	200
Total	2,200

Entity A's borrowings at its year end of 31st March, 20X2 were as follows:

a. 10%, 4-year note with simple interest payable annually, which relates specifically to the project; debt outstanding on 31st March, 20X2 amounted to ₹ 7,00,000. Interest of ₹ 65,000 was incurred on these borrowings during the year, and interest income of ₹ 20,000 was earned on these funds while they were held in anticipation of payments.

b. 12.5% 10-year note with simple interest payable annually; debt outstanding at 1st April, 20X1 amounted to ₹ 1,000,000 and remained unchanged during the year; and

c. 10% 10-year note with simple interest payable annually; debt outstanding at 1st April, 20X1 amounted to ₹ 1,500,000 and remained unchanged during the year.

What amount of the borrowing costs can be capitalized at year end as per relevant Ind AS?

Ind AS 115

6. An entity G Ltd. enters into a contract with a customer P Ltd. for the sale of a machinery for ₹20,00,000. P Ltd. intends to use the said machinery to start a food processing unit. The food processing industry is highly competitive and P Ltd. has very little experience in the said industry.

P Ltd. pays a non-refundable deposit of ₹1,00,000 at inception of the contract and enters into a long-term financing agreement with G Ltd. for the remaining 95 per cent of the agreed consideration which it intends to pay primarily from income derived from its food processing unit as it lacks any other major source of income. The financing arrangement is provided on a non-recourse basis, which means that if P Ltd. defaults then G Ltd. can repossess the machinery but cannot seek further compensation from P Ltd., even if the full value of the amount owed is not recovered from the machinery. The cost of the machinery for G Ltd. is ₹ 12,00,000. P Ltd. obtains control of the machinery at contract inception.

When should G Ltd. recognise revenue from sale of machinery to P Ltd. in accordance with Ind AS 115?

Ind AS 1

7. An entity has taken a loan facility from a bank that is to be repaid within a period of 9 months from the end of the reporting period. Prior to the end of the reporting period, the entity and the bank enter into an arrangement, whereby the existing outstanding loan will, unconditionally, roll into the new facility which expires after a period of 5 years.
   (a) Should the loan be classified as current or non-current in the balance sheet of the entity?
   (b) Will the answer be different if the new facility is agreed upon after the end of the reporting period?
   (c) Will the answer to (a) be different if the existing facility is from one bank and the new facility is from another bank?
   (d) Will the answer to (a) be different if the new facility is not yet tied up with the existing bank, but the entity has the potential to refinance the obligation?

Ind AS 10

8. ABC Ltd. received a demand notice on 15th June, 2017 for an additional amount of ₹ 28,00,000 from the Excise Department on account of higher excise duty levied by the Excise Department compared to the rate at which the company was creating provision and depositing the same. The financial statements for the year 2016-17 are approved on 10th August, 2017. In July, 2017, the company has appealed against the demand of ₹ 28,00,000 and the company has expected that the demand would be settled at ₹ 15,00,000 only. Show how the above event will have a bearing on the financial statements for the year 2016-17. Whether these events are adjusting or non-adjusting events and explain the treatment accordingly.

Ind AS 19

9. (All numbers in ₹ '000 unless otherwise stated)

   ABL Ltd. operates a defined retirement benefits plan on behalf of current and former employees. ABL Ltd. receives advice from actuaries regarding contribution levels and overall liabilities of the plan to pay benefits. On 1st April, 20X1, the actuaries advised that the present value of the defined benefit obligation was ₹ 60,000. On the same date, the fair value of the assets of the defined benefit plan was ₹ 52,000. On 1st April, 20X1, the annual market yield on high quality corporate bonds was 5%. During the year ended 31st March 20X2, ABL Ltd. made contributions of ₹ 7,000 into the plan and the plan paid out benefits of ₹ 4200 to retired members. Assume that both these payments were made on 31st March 20X2. The actuaries advised that the current service cost for the year ended 31st March 20X2 was ₹ 6,200. On 28th February, 20X2, the rules of the plan were amended with retrospective effect. These amendments meant that the present value of the defined benefit obligation was increased by ₹ 1500 from that date. During the year ended 31st March, 20X2, ABL Ltd. was in negotiation with employee representatives regarding planned redundancies. The negotiations were completed shortly before the year end and redundancy packages were agreed. The impact of these redundancies was to reduce the present value of the defined benefit obligation by ₹ 8000. Before 31st March, 20X2, ABL Ltd. made payments of ₹ 7500 to the employees affected by the redundancies in compensation for the curtailment of their benefits. These payments were made out of the assets of the retirement benefits plan. On 31st March, 20X2, the actuaries advised that the present value of the defined benefit obligation was ₹ 68,000. On the same date, the fair value of the assets of the defined benefit plan were ₹ 56,000.

Ind AS 110

10. What will be the accounting treatment of dividend distribution tax in the consolidated financial statements in case of partly-owned subsidiary in the following scenarios:

    Scenario 1: H Limited (holding company) holds 12,000 equity shares in S Limited (Subsidiary of H Limited) with 60% holding. Accordingly, S Limited is a partly-owned subsidiary of H Limited. During the year 20X1, S Limited paid a dividend @ ₹ 10 per share and DDT @ 20% on it.

    Should the share of H Limited in DDT paid by S Limited amounting to ₹ 24,000 (60% x ₹ 40,000) be charged as expense in the consolidated profit and loss of H Limited?

    Scenario 2 (A): Extending the situation given in scenario 1, H Limited also pays dividend of ₹ 300,000 to its shareholders and DDT liability @ 20% thereon amounts to ₹ 60,000. As per the tax laws, DDT paid by S Ltd. of ₹ 24,000 is allowed as set off against the DDT liability of H Ltd., resulting in H Ltd. paying ₹ 36,000 (₹ 60,000 – ₹ 24,000) as DDT to tax authorities.

    Scenario 2(B)

    If in (A) above, H Limited pays dividend amounting to ₹ 100,000 with DDT liability @ 20% amounting to ₹ 20,000.

    Scenario (3):

    Will the answer be different for the treatment of dividend distribution tax paid by associate in the consolidated financial statement of investor, if as per tax laws the DDT paid by associate is not allowed set-off against the DDT liability of the investor?

Ind AS 21

11. Global Limited, an Indian company acquired on 30th September, 20X1 70% of the share capital of Mark Limited, an entity registered as company in Germany. The functional currency of Global Limited is Rupees and its financial year end is 31st March, 20X2.

    (i) The fair value of the net assets of Mark Limited was 23 million EURO and the purchase consideration paid is 17.5 million EURO on 30th September, 20X1.

The exchange rates as at 30th September, 20X1 was ₹ 82 / EURO and at 31st March, 20X2 was ₹ 84 / EURO.

What is the value at which the goodwill has to be recognised in the financial statements of Global Limited as on 31st March, 20X2?

(ii) Mark Limited sold goods costing 2.4 million EURO to Global Limited for 4.2 million EURO during the year ended 31st March, 20X2. The exchange rate on the date of purchase by Global Limited was ₹ 83 / EURO and on 31st March, 20X2 was ₹ 84 / EURO. The entire goods purchased from Mark Limited are unsold as on 31st March, 20X2. Determine the unrealised profit to be eliminated in the preparation of consolidated financial statements.

Ind AS 12

12. Jeevan India Limited is in the business of development of smart city. For development of smart city, Jeevan India Limited allots its land to customer on 99 years of lease. The customer is required to pay lease premium at the time of execution of lease deed and lease rent on annual basis over a period of 99 years.

The lease premium amount is the market value of land and lease rent is nominal amount say ₹ 1 per square metre per year. The lease premium is non-refundable. As per the lease terms, on completion of 99 years, the lease is renewable at mutual consent of lessor and lessee.

How would income in respect of lease premium collected by Jeevan India Limited (which is the market value of land and is not refundable) at the time of execution of lease deed be recognised as per Ind AS, if for subsequent years, only nominal lease rent is collected.

Ind AS 113

13. Comment on the following by quoting references from appropriate Ind AS.

(i) DS Limited holds some vacant land for which the use is not yet determined. the land is situated in a prominent area of the city where lot of commercial complexes are coming up and there is no legal restriction to convert the land into a commercial land.

The company is not interested in developing the land to a commercial complex as it is not its business objective. Currently the land has been let out as a parking lot for the commercial complexes around.

The Company has classified the above property as investment property. It has approached you, an expert in valuation, to obtain fair value of the land for the purpose of disclosure under Ind AS.

On what basis will the land be fair valued under Ind AS?

(ii) DS Limited holds equity shares of a private company. In order to determine the fair value' of the shares, the company used discounted cash flow method as there were no similar shares available in the market.

Under which level of fair value hierarchy will the above inputs be classified?

What will be your answer if the quoted price of similar companies were available and can be used for fair valuation of the shares?

Ind AS 101

14. Mathur India Private Limited has to present its first financials under Ind AS for the year ended 31st March, 20X3. The transition date is 1st April, 20X1.

The following adjustments were made upon transition to Ind AS:

(a) The Company opted to fair value its land as on the date on transition.

The fair value of the land as on 1st April, 20X1 was ₹ 10 crores. The carrying amount as on 1st April, 20X1 under the existing GAAP was ₹ 4.5 crores.

(b) The Company has recognised a provision for proposed dividend of ₹ 60 lacs and related dividend distribution tax of ₹ 18 lacs during the year ended 31st March, 20X1. It was written back as on opening balance sheet date.

(c) The Company fair values its investments in equity shares on the date of transition. The increase on account of fair valuation of shares is ₹ 75 lacs.

(d) The Company has an Equity Share Capital of ₹ 80 crores and Redeemable Preference Share Capital of ₹ 25 crores.

(e) The reserves and surplus as on 1st April, 20X1 before transition to Ind AS was ₹ 95 crores representing ₹ 40 crores of general reserve and ₹ 5 crores of capital reserve acquired out of business combination and balance is surplus in the Retained Earnings.

(f) The company identified that the preference shares were in nature of financial liabilities.

What is the balance of total equity (Equity and other equity) as on 1st April, 20X1 after transition to Ind AS? Show reconciliation between total equity as per AS (Accounting Standards) and as per Ind AS to be presented in the opening balance sheet as on 1st April, 20X1.

Ignore deferred tax impact.

Ind AS 24

15. Uttar Pradesh State Government holds 60% shares in PQR Limited and 55% shares in ABC Limited. PQR Limited has two subsidiaries namely P Limited and Q Limited. ABC Limited has two subsidiaries namely A Limited and B Limited. Mr. KM is one of the Key management personnel in PQR Limited. ·

(a) Determine the entity to whom exemption from disclosure of related party transactions is to be given. Also examine the transactions and with whom such exemption applies.

(b) What are the disclosure requirements for the entity which has availed the exemption?

Ind AS 7

16. Following is the balance sheet of Kuber Limited for the year ended 31st March, 20X2

(₹ in lacs)

	20X2	20X1
ASSETS		
Non-current Assets		
Property, plant and equipment	13,000	12,500
Intangible assets	50	30
Other financial assets	145	170
Deferred tax asset (net)	855	750
Other non-current assets	800	770
Total non-current assets	**14,850**	**14,220**
Current assets		
Financial assets		
Investments	2,300	2,500
Cash and cash equivalents	220	460
Other current assets	195	85
Total current assets	**2,715**	**3,045**
Total Assets	**17,565**	**17,265**
EQUITY AND LIABILITIES		
Equity		
Equity share capital	300	300
Other equity	12,000	8,000
Total equity	**12,300**	**8,300**
Liabilities		
Non-current liabilities		
Long-term borrowings	2,000	5,000

Other non-current liabilities	2,740	3,615
Total non-current liabilities	**4,740**	**8,615**
Current liabilities		
Financial liabilities		
Trade payables	150	90
Bank Overdraft	75	60
Other current liabilities	300	200
Total current liabilities	**525**	**350**
Total liabilities	**5,265**	**8,965**
Total Equity and Liabilities	**17,565**	**17,265**

Additional Information:

(1) Profit after tax for the year ended 31st March, 20X2- ₹ 4,450 lacs

(2) Interim Dividend paid during the year - ₹ 450 lacs

(3) Depreciation and amortisation charged in the statement of profit and loss during the current year are as under

(a) Property, Plant and Equipment - ₹ 500 lacs

(b) Intangible Assets - ₹ 20 lacs

(4) During the year ended 31st March, 20X2 two machineries were sold for ₹ 10 lacs. The carrying amount of these machineries as on 31st March, 20X2 is ₹ 60 lacs.

(5) Income taxes paid during the year ₹ 105 lacs

Using the above information of Kuber Limited, construct a statement of cash flows under indirect method. Other non-current / current assets and liabilities are related to operations of Kuber Ltd. and do not contain any element of financing and investing activities.

Ind AS 36

17. East Ltd. (East) owns a machine used in the manufacture of steering wheels, which are sold directly to major car manufacturers.

- The machine was purchased on 1st April, 20X1 at a cost of ₹ 500 000 through a vendor financing arrangement on which interest is being charged at the rate of 10 per cent per annum.
- During the year ended 31st March, 20X3, East sold 10 000 steering wheels at a selling price of ₹ 190 per wheel.

- The most recent financial budget approved by East's management, covering the period 1st April, 20X3 – 31st March, 20X8, including that the company expects to sell each steering wheel for ₹ 200 during 20X3-X4, the price rising in later years in line with a forecast inflation of 3 per cent per annum.
- During the year ended 31st March, 20X4, East expects to sell 10 000 steering wheels. The number is forecast to increase by 5 per cent each year until 31st March, 20X8.
- East estimates that each steering wheel costs ₹ 160 to manufacture, which includes ₹ 110 variable costs, ₹ 30 share of fixed overheads and ₹ 20 transport costs.
- Costs are expected to rise by 1 per cent during 20X4-X5, and then by 2 per cent per annum until 31st March, 20X8.
- During 20X5-X6, the machine will be subject to regular maintenance costing ₹ 50,000.
- In 20X3-X4, East expects to invest in new technology costing ₹ 100 000. This technology will reduce the variable costs of manufacturing each steering wheel from ₹ 110 to ₹ 100 and the share of fixed overheads from ₹ 30 to ₹ 15 (subject to the availability of technology, which is still under development).
- East is depreciating the machine using the straight line method over the machine's 10 year estimated useful life. The current estimate (based on similar assets that have reached the end of their useful lives) of the disposal proceeds from selling the machine is ₹ 80 000 net of disposal costs. East expects to dispose of the machine at the end of March, 20X8.
- East has determined a pre-tax discount rate of 8 per cent, which reflects the market's assessment of the time value of money and the risks associated with this asset.

Assume a tax rate of 30%. What is the value in use of the machine in accordance with Ind AS 36?

Ind AS 37

18. (a) A manufacturer gives warranties at the time of sale to purchasers of its product. Under the terms of the contract for sale, the manufacturer undertakes to remedy, by repair or replacement, manufacturing defects that become apparent within three years from the date of sale. As this is the first year that the warranty has been available, there is no data from the firm to indicate whether there will be claim under the warranties. However, industry research suggests that it is likely that such claims will be forthcoming.

Should the manufacturer recognize a provision in accordance with the requirements of Ind AS 37. Why or why not?

(b) Assume that the firm has not been operating its warranty for five years, and reliable data exists to suggest the following:

- If minor defects occur in all products sold, repair costs of ₹ 20,00,000 would result.
- If major defects are detected in all products, costs of ₹ 50,00,000 would result.
- The manufacturer's past experience and future expectations indicate that each year 80% of the goods sold will have no defects. 15% of the goods sold will have minor defects, and 5% of the goods sold will have major defects.

Calculate the expected value of the cost of repairs in accordance with the requirements of Ind AS 37, if any. Ignore both income tax and the effect of discounting.

Ind AS 12

19. An entity is finalising its financial statements for the year ended 31st March, 20X2. Before 31st March, 20X2, the government announced that the tax rate was to be amended from 40 per cent to 45 per cent of taxable profit from 30th June, 20X2.

The legislation to amend the tax rate has not yet been approved by the legislature. However, the government has a significant majority and it is usual, in the tax jurisdiction concerned, to regard an announcement of a change in the tax rate as having the substantive effect of actual enactment (i.e. it is substantively enacted).

After performing the income tax calculations at the rate of 40 per cent, the entity has the following deferred tax asset and deferred tax liability balances:

Deferred tax asset	₹ 80,000
Deferred tax liability	₹ 60,000

Of the deferred tax asset balance, ₹ 28,000 related to a temporary difference. This deferred tax asset had previously been recognised in OCI and accumulated in equity as a revaluation surplus.

The entity reviewed the carrying amount of the asset in accordance with para 56 of Ind AS 12 and determined that it was probable that sufficient taxable profit to allow utilisation of the deferred tax asset would be available in the future.

Show the revised amount of Deferred tax asset & Deferred tax liability and present the necessary journal entries.

20. H Ltd. acquired equity shares of S Ltd., a listed company, in two tranches as mentioned in the below table:

Date	Equity stake purchased	Remarks
1st November, 20X6	15%	The shares were purchased based on the quoted price on the stock exchange on the relevant dates.
1st January, 20X7	45%	

Both the above-mentioned companies have Rupees as their functional currency. Consequently, H Ltd. acquired control over S Ltd. on 1st January, 20X7. Following is the Balance Sheet of S Ltd. as on that date:

Particulars	Carrying value (₹ in crore)	Fair value (₹ in crore)
ASSETS:		
<u>Non-current assets</u>		
(a) Property, plant and equipment	40.0	90.0
(b) Intangible assets	20.0	30.0
(c) Financial assets		
- Investments	100.0	350.0
<u>Current assets</u>		
(a) Inventories		
(b) Financial assets	20.0	20.0
- Trade receivables		
- Cash held in functional	20.0	20.0
currency	4.0	4.5
(c) Other current assets		
Non-current asset held for sale	4.0	4.5
TOTAL ASSETS	208	
EQUITY AND LIABILITIES:		
<u>Equity</u>		
(a) Share capital (face value ₹100)	12.0	50.4
(b) Other equity	141.0	Not applicable
<u>Non-current liabilities</u>		
(a) Financial liabilities		
- Borrowings	20.0	20.0
<u>Current liabilities</u>		
(a) Financial liabilities		
- Trade payables	28.0	28.0
(b) Provision for warranties	3.0	3.0

(c) Current tax liabilities	4.0	4.0
TOTAL EQUITY AND LIABILITIES	208.0	

Other information:

Property, plant and equipment in the above Balance Sheet include leasehold motor vehicles having carrying value of ₹ 1 crore and fair value of ₹ 1.2 crore. The date of inception of the lease was 1st April, 20X0. On the inception of the lease, S Ltd. had correctly classified the lease as a finance lease. However, if facts and circumstances as on 1st April, 20X7 are considered, the lease would be classified as an operating lease.

Following is the statement of contingent liabilities of S Ltd. as on 1st January, 20X7:

Particulars	Fair value (₹ in crore)	Remarks
Law suit filed by a customer for a claim of ₹ 2 crore	0.5	It is not probable that an outflow of resources embodying economic benefits will be required to settle the claim. Any amount which would be paid in respect of law suit will be tax deductible.
Income tax demand of ₹ 7 crore raised by tax authorities; S Ltd. has challenged the demand in the court.	2.0	It is not probable that an outflow of resources embodying economic benefits will be required to settle the claim.

In relation to the above-mentioned contingent liabilities, S Ltd. has given an indemnification undertaking to H Ltd. up to a maximum of ₹ 1 crore.

₹ 1 crore represents the acquisition date fair value of the indemnification undertaking.

Any amount which would be received in respect of the above undertaking shall not be taxable.

The tax bases of the assets and liabilities of S Ltd. is equal to their respective carrying values being recognised in its Balance Sheet.

Carrying value of non-current asset held for sale of ₹ 4 crore represents its fair value less cost to sell in accordance with the relevant Ind AS.

In consideration of the additional stake purchased by H Ltd. on 1st January, 20X7, it has issued to the selling shareholders of S Ltd. 1 equity share of H Ltd. for every 2 shares held in S Ltd. Fair value of equity shares of H Ltd. as on 1st January, 20X7 is ₹ 10,000 per share.

On 1st January, 20X7, H Ltd. has paid ₹ 50 crore in cash to the selling shareholders of S Ltd. Additionally, on 31st March, 20X9, H Ltd. will pay ₹ 30 crore to the selling shareholders of S Ltd. if return on equity of S Ltd. for the year ended 31st March, 20X9 is more than 25% per annum. H Ltd. has estimated the fair value of this obligation as on 1st January, 20X7 and 31st March, 20X7 as ₹ 22 crore and ₹ 23 crore respectively. The change in fair value of the obligation is attributable to the change in facts and circumstances after the acquisition date.

Quoted price of equity shares of S Ltd. as on various dates is as follows:

As on November, 20X6	₹ 350 per share
As on 1st January, 20X7	₹ 395 per share
As on 31st March, 20X7	₹ 420 per share

On 31st May, 20X7, H Ltd. learned that certain customer relationships existing as on 1st January, 20X7, which met the recognition criteria of an intangible asset as on that date, were not considered during the accounting of business combination for the year ended 31st March, 20X7. The fair value of such customer relationships as on 1st January, 20X7 was ₹ 3.5 crore (assume that there are no temporary differences associated with customer relations; consequently, there is no impact of income taxes on customer relations).

On 31st May, 20X7 itself, H Ltd. further learned that due to additional customer relationships being developed during the period 1st January, 20X7 to 31st March, 20X7, the fair value of such customer relationships has increased to ₹ 4 crore as on 31st March, 20X7.

On 31st December, 20X7, H Ltd. has established that it has obtained all the information necessary for the accounting of the business combination and that more information is not obtainable.

H Ltd. and S Ltd. are not related parties and follow Ind AS for financial reporting. Income tax rate applicable is 30%.

You are required to provide your detailed responses to the following, along with reasoning and computation notes:

(a) What should be the goodwill or bargain purchase gain to be recognised by H Ltd. in its financial statements for the year ended 31st March, 20X7. For this purpose, measure non-controlling interest using proportionate share of the fair value of the identifiable net assets of S Ltd.

(b) Will the amount of non-controlling interest, goodwill, or bargain purchase gain so recognised in (a) above change subsequent to 31st March, 20X7? If yes, provide relevant journal entries.

(c) What should be the accounting treatment of the contingent consideration as on 31st March, 20X7?

SUGGESTED ANSWERS

1. As per para 30 (c) of Ind AS 34 'Interim Financial Reporting', income tax expense is **recognised in each interim period** based on the best estimate of the weighted average annual income tax rate expected for the full financial year.

Accordingly, the management's contention that since the net income for the year will be zero no income tax expense shall be charged quarterly in the interim financial report, is not correct.

The following table shows the correct income tax expense to be reported each quarter in accordance with Ind AS 34:

Period	**Pre-tax earnings (in ₹)**	**Effective tax rate**	**Tax expense (in ₹)**
First Quarter	1,50,000	30%	45,000
Second Quarter	(50,000)	30%	(15,000)
Third Quarter	(50,000)	30%	(15,000)
Fourth Quarter	(50,000)	30%	(15,000)
Annual	**0**		**0**

2. **Cheery Limited**

Extract from the Statement of profit and loss

		(Restated)
	20X4-X5	**20X3-X4**
	₹	**₹**
Sales	1,04,000	73,500
Cost of goods sold	(80,000)	(60,000)
Profit before income taxes	**24,000**	**13,500**
Income taxes	(7,200)	(4,050)
Profit	**16,800**	**9,450**
Basic and diluted EPS	3.36	1.89

Cheery Limited

Statement of Changes in Equity

	Share capital	Retained earnings	Total
Balance at 31st March, 20X3	50,000	20,000	70,000
Profit for the year ended 31st March, 20X4 as restated	____	9,450	9,450
Balance at 31st March, 20X4	**50,000**	**29,450**	**79,450**
Profit for the year ended 31st March, 20X5	____	16,800	16,800
Balance at 31st March, 20X5	**50,000**	**46,250**	**96,250**

Extract from the Notes

Some products that had been sold in 20X3-X4 were incorrectly included in inventory at 31st March, 20X4 at ₹ 6,500. The financial statements of 20X3-X4 have been restated to correct this error. The effect of the restatement on those financial statements is summarized below:

	Effect on 20X3-X4
(Increase) in cost of goods sold	(6,500)
Decrease in income tax expenses	1,950
(Decrease) in profit	(4,550)
(Decrease) in basic and diluted EPS	(0.91)
(Decrease) in inventory	(6,500)
Decrease in income tax payable	1,950
(Decrease) in equity	(4,550)

There is no effect on the balance sheet at the beginning of the preceding period i.e. 1st April, 20X3.

3. Paragraph 27 of Ind AS 102 requires the entity to recognise the effects of repricing that increase the total fair value of the share-based payment arrangement or are otherwise beneficial to the employee.

   If the repricing increases the fair value of the equity instruments granted paragraph B43(a) of Appendix B requires the entity to include the incremental fair value granted (ie the difference between the fair value of the repriced equity instrument and that of the original equity instrument, both estimated as at the date of the modification) in the measurement of the amount recognised for services received as consideration for the equity instruments granted.

If the repricing occurs during the vesting period, the incremental fair value granted is included in the measurement of the amount recognised for services received over the period from the repricing date until the date when the repriced equity instruments vest, in addition to the amount based on the grant date fair value of the original equity instruments, which is recognised over the remainder of the original vesting period.

Accordingly, the amounts recognised in years 1 and 2 are as follows:

Year	Calculation	Compensation expense for period	Cumulative compensation expense
		₹	₹
1	[1,850 employees× 1,000 options × ₹ 1.20] × $^1/_3$	7,40,000	7,40,000
2	(1,840 employees× 1,000 options × [(₹1.20× $^2/_3$)+ {(₹1.05 - 0.90) ×0.5/1.5}] – 7,40,000	8,24,000	15,64,000

Note: Year 3 calculations have not been provided as it was not required in the question.

4. On Initial recognition

		Debit (₹)	Credit (₹)
Financial asset-FVOCI	Dr.	1,000	
To Cash			1,000

On Impairment of debt instrument

		Debit (₹)	Credit (₹)
Impairment expense (P&L)	Dr.	30	
Other comprehensive income	Dr.	20	
To Financial asset-FVOCI			50

The cumulative loss in other comprehensive income at the reporting date was ₹ 20. That amount consists of the total fair value change of ₹ 50 (that is, ₹ 1,000-₹ 950) offset by the change in the accumulated impairment amount representing 12-month ECL, that was recognized (₹ 30).

On Sale of debt instrument

	Debit (₹)	Credit (₹)
Cash	950	
To Financial asset –FVOCI		950
Loss on sale (P&L)	20	
To Other comprehensive income		20

5. As per Ind AS 23, when an entity borrows funds specifically for the purpose of obtaining a qualifying asset, the entity should determine the amount of borrowing costs eligible for capitalisation as the actual borrowing costs incurred on that borrowing during the period less any investment income on the temporary investment of those borrowings.

The amount of borrowing costs eligible for capitalization, in cases where the funds are borrowed generally, should be determined based on the expenditure incurred in obtaining a qualifying asset. The costs incurred should first be allocated to the specific borrowings.

Analysis of expenditure:

Date	Expenditure (₹'000)	Amount allocated in general borrowings (₹'000)	Weighted for period outstanding (₹'000)
1st April 20X1	200	0	0
30th June 20X1	600	100*	100 × 9/12 = 75
31st Dec 20X1	1,200	1,200	1,200 × 3/12 = 300
31st March 20X2	200	200	200 × 0/12 = 0
Total	2,200		375

*Specific borrowings of ₹ 7,00,000 fully utilized on 1st April & on 30th June to the extent of ₹ 5,00,000 hence remaining expenditure of ₹ 1,00,000 allocated to general borrowings.

The expenditure rate relating to general borrowings should be the weighted average of the borrowing costs applicable to the entity's borrowings that are outstanding during the period, other than borrowings made specifically for the purpose of obtaining a qualifying asset.

$$\text{Capitalisation rate} = \frac{(10,00,000 \times 12.5\%) + (15,00,000 \times 10\%)}{10,00,000 + 15,00,000} = 11\%$$

Borrowing cost to be capitalized:	**Amount**
	(₹)
On specific loan	65,000
On General borrowing (3,75,000 × 11%)	41,250
Total	1,06,250
Less interest income on specific borrowings	(20,000)
Amount eligible for capitalization	86,250
Therefore, the borrowing costs to be capitalized are ₹ 86,250.	

6. As per paragraph 9 of Ind AS 115, "An entity shall account for a contract with a customer that is within the scope of this Standard only when all of the following criteria are met:

(a) the parties to the contract have approved the contract (in writing, orally or in accordance with other customary business practices) and are committed to perform their respective obligations;

(b) the entity can identify each party's rights regarding the goods or services to be transferred;

(c) the entity can identify the payment terms for the goods or services to be transferred;

(d) the contract has commercial substance (ie the risk, timing or amount of the entity's future cash flows is expected to change as a result of the contract); and

(e) it is probable that the entity will collect the consideration to which it will be entitled in exchange for the goods or services that will be transferred to the customer. In evaluating whether collectability of an amount of consideration is probable, an entity shall consider only the customer's ability and intention to pay that amount of consideration when it is due. The amount of consideration to which the entity will be entitled may be less than the price stated in the contract if the consideration is variable because the entity may offer the customer a price concession".

Paragraph 9(e) above, requires that for revenue to be recognised, it should be probable that the entity will collect the consideration to which it will be entitled in exchange for the goods or services that will be transferred to the customer. In the given case, it is not probable that G Ltd. will collect the consideration to which it is entitled in exchange for the transfer of the machinery. P Ltd.'s ability to pay may be uncertain due to the following reasons:

(a) P Ltd. intends to pay the remaining consideration (which has a significant balance) primarily from income derived from its food processing unit (which is a business involving significant risk because of high competition in the said industry and P Ltd.'s little experience);

(b) P Ltd. lacks sources of other income or assets that could be used to repay the balance consideration; and

(c) P Ltd.'s liability is limited because the financing arrangement is provided on a non-recourse basis.

In accordance with the above, the criteria in paragraph 9 of Ind AS 115 are not met.

Further, para 15 states that when a contract with a customer does not meet the criteria in paragraph 9 and an entity receives consideration from the customer, the entity shall recognise the consideration received as revenue only when either of the following events has occurred:

(a) the entity has no remaining obligations to transfer goods or services to the customer and all, or substantially all, of the consideration promised by the customer has been received by the entity and is non-refundable; or

(b) the contract has been terminated and the consideration received from the customer is non-refundable.

Para 16 states that an entity shall recognise the consideration received from a customer as a liability until one of the events in paragraph 15 occurs or until the criteria in paragraph 9 are subsequently met. Depending on the facts and circumstances relating to the contract, the liability recognised represents the entity's obligation to either transfer goods or services in the future or refund the consideration received. In either case, the liability shall be measured at the amount of consideration received from the customer.

In accordance with the above, in the given case G Ltd. should account for the non-refundable deposit of ₹1,00,000 payment as a deposit liability as none of the events described in paragraph 15 have occurred—that is, neither the entity has received substantially all of the consideration nor it has terminated the contract. Consequently, in accordance with paragraph 16, G Ltd. Will continue to account for the initial deposit as well as any future payments of principal and interest as a deposit liability until the criteria in paragraph 9 are met (i.e. the entity is able to conclude that it is probable that the entity will collect the consideration) or one of the events in paragraph 15 has occurred. Further, G Ltd. will continue to assess the contract in accordance with paragraph 14 to determine whether the criteria in paragraph 9 are subsequently met or whether the events in paragraph 15 of Ind AS 115 have occurred.

7. Para 69 of Ind AS 1 defines current liabilities as follows:

An entity shall classify a liability as current when:

(i) it expects to settle the liability in its normal operating cycle;

(ii) it holds the liability primarily for the purpose of trading;

(iii) the liability is due to be settled within twelve months after the reporting period; or

(iv) it does not have an unconditional right to defer settlement of the liability for at least twelve months after the reporting period. Terms of a liability that could, at the option of the counterparty, result in its settlement by the issue of equity instruments do not affect its classification.

An entity shall classify all other liabilities as non-current.

Accordingly, following will be the classification of loan in the given scenarios:

a) The loan is not due for payment at the end of the reporting period. The entity and the bank have agreed for the said roll over prior to the end of the reporting period for a period of 5 years. Since the entity has an unconditional right to defer the settlement of the liability for at least twelve months after the reporting period, the loan should be classified as non-current.

b) Yes, the answer will be different if the arrangement for roll over is agreed upon after the end of the reporting period because as per paragraph 72 of Ind AS 1, "an entity classifies its financial liabilities as current when they are due to be settled within twelve months after the reporting period, even if: (a) the original term was for a period longer than twelve months, and (b) an agreement to refinance, or to reschedule payments, on a long-term basis is completed after the reporting period and before the financial statements are approved for issue." As at the end of the reporting period, the entity does not have an unconditional right to defer settlement of the liability for at least twelve months after the reporting period. Hence the loan is to be classified as current.

c) Yes, loan facility arranged with new bank cannot be treated as refinancing, as the loan with the earlier bank would have to be settled which may coincide with loan facility arranged with a new bank. In this case, loan has to be repaid within a period of 9 months from the end of the reporting period, therefore, it will be classified as current liability.

d) Yes, the answer will be different and the loan should be classified as current. This is because, as per paragraph 73 of Ind AS 1, when refinancing or rolling over the obligation is not at the discretion of the entity (for example, there is no arrangement for refinancing), the entity does not consider the potential to refinance the obligation and classifies the obligation as current.

8. Ind AS 10 defines 'Events after the Reporting Period' as follows:

Events after the reporting period are those events, favourable and unfavourable, that occur between the end of the reporting period and the date when the financial statements are approved by the Board of Directors in case of a company, and, by the corresponding approving authority in case of any other entity for issue. Two types of events can be identified:

(a) those that provide evidence of conditions that existed at the end of the reporting period (adjusting events after the reporting period); and

(b) those that are indicative of conditions that arose after the reporting period (non-adjusting events after the reporting period)

In the instant case, the demand notice has been received on 15th June, 2017, which is between the end of the reporting period and the date of approval of financial statements. Therefore, it is an event after the reporting period. This demand for additional amount has been raised because of higher rate of excise duty levied by the Excise Department in respect of goods already manufactured during the reporting period. Accordingly, condition exists on 31st March, 2017, as the goods have been manufactured during the reporting period on which additional excise duty has been levied and this event has been confirmed by the receipt of demand notice. Therefore, it is an adjusting event.

In accordance with the principles of Ind AS 37, the company should make a provision in the financial statements for the year 2016-17, at best estimate of the expenditure to be incurred, i.e., ₹ 15,00,000.

9. **(**All numbers in ₹'000 unless otherwise stated)

On 31st March 20X2, ABL Ltd. will report a net pension liability in the statement of financial position. The amount of the liability will be ₹ 12,000 (68,000 – 56,000).

For the year ended 31st March 20X2, ABL Ltd. will report the current service cost as an operating cost in the statement of profit or loss. The amount reported will be ₹ 6,200. The same treatment applies to the past service cost of ₹ 1,500.

For the year ended 31st March 20X2, ABL Ltd. will report a finance cost in profit or loss based on the net pension liability at the start of the year of ₹ 8,000 (60,000 – 52,000). The amount of the finance cost will be ₹ 400 (8,000 x 5%).

The redundancy programme represents the partial settlement of the curtailment of a defined benefit obligation. The gain on settlement of ₹ 500 (8,000 – 7,500) will be reported in the statement of profit or loss.

Other movements in the net pension liability will be reported as remeasurement gains or losses in other comprehensive income.

For the year ended 31st March 20X2, the remeasurement loss will be ₹ 3,400 (refer W.N.).

Working Note:

Calculation of remeasurement gain or loss: **₹ '000**

Liability at the start of the year (60,000 – 52,000)	8,000
Current service cost	6,200
Past service cost	1,500
Net finance cost	400

Gain on settlement	(500)
Contributions to plan	(7,000)
Remeasurement loss **(balancing figure)**	3,400
Liability at the end of the year (68,000 – 56,000)	12,000

10. **Scenario 1:** Since H Limited is holding 12,000 shares it has received ₹ 1,20,000 as dividend from S Limited. In the consolidated financial statements of H Ltd., dividend income earned by H Ltd. and dividend recorded by S Ltd. in its equity will both get eliminated as a result of consolidation adjustments. Dividend paid by S Ltd. to the 40% non-controlling interest (NCI) shareholders will be recorded in the Statement of Changes in Equity as reduction of NCI balance (as shares are classified as equity as per Ind AS 32).

DDT of ₹ 40,000 paid to tax authorities has two components- One ₹ 24,000 (related to H Limited's shareholding and other ₹ 16,000 (40,000 x 40%) belong to non controlling interest (NCI) shareholders of S Limited). DDT of ₹ 16,000 (pertaining to non-controlling interest (NCI) shareholders) will be recorded in the Statement of Changes in Equity along with dividend. DDT of ₹ 24,000 paid outside the consolidated Group shall be charged as tax expense in the consolidated statement of profit and loss of H Ltd.

In accordance with the above, in the given case, CFS of H limited will be as under:

Transactions	H Ltd.	S Ltd.	Consol Adjustments	CFS H Ltd
Dividend Income (P&L)	120,000	-	(120,000)	-
Dividend (in Statement of Changes in Equity by way of reduction of NCI)	-	(200,000)	120,000	(80,000)
DDT (in Statement of Changes in Equity by way of reduction of NCI)	-	(40,000)	24,000	(16,000)
DDT (in Statement of P&L)	-	-	(24,000)	(24,000)

Scenario 2 (A): If DDT paid by the subsidiary S Ltd. is allowed as a set off against the DDT liability of its parent H Ltd. (as per the tax laws), then the amount of such DDT should be recognised in the consolidated statement of changes in equity of parent H Ltd.

In the given case, share of H Limited in DDT paid by S Limited is ₹ 24,000 and entire ₹ 24,000 was utilised by H Limited while paying dividend to its own shareholders.

Accordingly, DDT of ₹ 76,000 (₹ 40,000 of DDT paid by S Ltd. (of which ₹16,000 is attributable to NCI) and ₹ 36,000 of DDT paid by H Ltd.) should be recognised in the consolidated statement of changes in equity of parent H Ltd. No amount will be charged to consolidated statement of profit and loss. The basis for such accounting would be that due to Parent H Ltd's transaction of distributing dividend to its shareholders (a transaction recorded in Parent H Ltd's equity) and the related DDT set-off, this DDT paid by the subsidiary is effectively a tax on distribution of dividend to the shareholders of the parent company.

In accordance with the above, in the given case, CFS of H limited will be as under:

Transactions	H Ltd	S Ltd	Consol Adjustments	CFS H Ltd
Dividend Income (P&L)	120,000	-	(120,000)	-
Dividend (in Statement of Changes in Equity)	(300,000)	(200,000)	120,000	(380,000)*
DDT (in Statement Changes in Equity)	(36,000)	(40,000)	-	(76,000)*

*Dividend of ₹ 80,000 and DDT of ₹ 16,000 will be reflected as reduction from non-controlling interest.

Scenario 2(B): In the given case, share of H Limited in DDT paid by S Limited is ₹ 24,000 out of which only ₹ 20,000 was utilised by H Limited while paying dividend by its own. Therefore, balance ₹ 4,000 should be charged in the consolidated statement of profit and loss.

In accordance with the above, in the given case, CFS of H limited will be as under:

Transactions	H Ltd	S Ltd	Consol Adjustments	CFS H Ltd
Dividend Income (P&L)	120,000	-	(120,000)	-
Dividend (in Statement of Changes in Equity)	(100,000)	(200,000)	120,000	(180,000)*
DDT (in Statement of Changes in Equity)	-	(40,000)	4,000	(36,000)*
DDT (in Statement of P&L)	-	-	(4000)	(4000)

*Dividend of ₹ 80,000 and DDT of ₹ 16,000 will be reflected as reduction from non-controlling interest.

Scenario (3): Considering that as per tax laws, DDT paid by associate is not allowed set off against the DDT liability of the investor, the investor's share of DDT would be accounted by the investor company by crediting its investment account in the associate and recording a corresponding debit adjustment towards its share of profit or loss of the associate.

11. **(i)** Para 47 of Ind AS 21 requires that goodwill arose on business combination shall be expressed in the functional currency of the foreign operation and shall be translated at the closing rate in accordance with paragraphs 39 and 42. In this case the amount of goodwill will be as follows:

Net identifiable asset	Dr.	23 million	
Goodwill(bal. fig.)	Dr.	1.4 million	
To Bank			17.5 million
To NCI (23 x 30%)			6.9 million

Thus, goodwill on reporting date would be 1.4 million EURO x ₹ 84

= ₹ 117.6 million

(ii)

Particulars	**EURO in million**
Sale price of Inventory	4.20
Unrealised Profit [a]	1.80

Exchange rate as on date of purchase of Inventory [b]	₹ 83 / Euro
Unrealized profit to be eliminated [a x b]	₹ 149.40 million

As per para 39 of Ind AS 21 "income and expenses for each statement of profit and loss presented (ie including comparatives) shall be translated at exchange rates at the dates of the transactions".

In the given case, purchase of inventory is an expense item shown in the statement profit and loss account. Hence, the exchange rate on the date of purchase of inventory is taken for calculation of unrealized profit which is to be eliminated on the event of consolidation.

12. Paragraph 5 of Ind AS 115 scopes out revenue arising from lease agreements. Principles enunciated under Ind AS 17, Leases would be applicable for revenue arising from leasing agreements.

Recognition of income in respect of lease would depend on its classification as per Ind AS 17, Leases.

If the lease of land is an operating lease, then it will be accounted for as given below:

- Lessors shall present assets subject to operating leases in their balance sheet according to the nature of the asset.
- Lease income from operating leases shall be recognised in income on a straight-line basis over the lease term, unless either:
  (a) another systematic basis is more representative of the time pattern in which use benefit derived from the leased asset is diminished, even if the payments to the lessors are not on that basis; or
  (b) the payments to the lessor are structured to increase in line with expected general inflation to compensate for the lessor's expected inflationary cost increases. If payments to the lessor vary according to factors other than inflation, then this condition is not met.

The long lease term may be an indication that the lease is classified as a finance lease. **If it is a finance lease** then lessor Jeevan India Ltd. shall recognise assets held under a finance lease in their balance sheets and present them as a receivable at an amount equal to the net investment in the lease. The recognition of finance income shall be based on a pattern reflecting a constant periodic rate of return on the lessor's net investment in the finance lease.

Nominal lease rent collected every year will also be accounted every year on accrual basis.

13. (i) As per Ind AS 113, a fair value measurement of a non-financial asset takes into account a market participant's ability to generate economic benefits by using the asset in its highest and best use or by selling it to another market participant that would use the asset in its highest and best use.

The highest and best use of a non-financial asset takes into account the use of the asset that is physically possible, legally permissible and financially feasible, as follows:

(a) A use that is physically possible takes into account the physical characteristics of the asset that market participants would take into account when pricing the asset (eg the location or size of a property).

(b) A use that is legally permissible takes into account any legal restrictions on the use of the asset that market participants would take into account when pricing the asset (eg the zoning regulations applicable to a property).

(c) A use that is financially feasible takes into account whether a use of the asset that is physically possible and legally permissible generates adequate income or cash flows (taking into account the costs of converting the asset to that use) to produce an investment return that market participants would require from an investment in that asset put to that use.

Highest and best use is determined from the perspective of market participants, even if the entity intends a different use. However, an entity's current use of a non-financial asset is presumed to be its highest and best use unless market or other factors suggest that a different use by market participants would maximise the value of the asset.

To protect its competitive position, or for other reasons, an entity may intend not to use an acquired non-financial asset actively or it may intend not to use the asset according to its highest and best use. Nevertheless, the entity shall measure the fair value of a non-financial asset assuming its highest and best use by market participants.

In the given case, the highest best possible use of the land is to develop a commercial complex. Although developing a business complex is against the business objective of the entity, it does not affect the basis of fair valuation as Ind AS 113 does not consider an entity specific restriction for measuring the fair value.

Also, its current use as a parking lot is not the highest best use as the land has the potential of being used for building a commercial complex.

Therefore, the fair value of the land is the price that would be received when sold to a market participant who is interested in developing a commercial complex.

(ii) As per Ind AS 113, unobservable inputs shall be used to measure fair value to the extent that relevant observable inputs are not available, thereby allowing for situations in which there is little, if any, market activity for the asset or liability at the measurement date. The unobservable inputs shall reflect the assumptions that market participants would use when pricing the asset or liability, including assumptions about risk.

In the given case, DS Limited adopted discounted cash flow method, commonly used technique to value shares, to fair value the shares of the private company as there were no similar shares traded in the market. Hence, it falls under Level 3 of fair value hierarchy.

Level 2 inputs include the following:

(a) quoted prices for similar assets or liabilities in active markets.

(b) quoted prices for identical or similar assets or liabilities in markets that are not active.

(c) inputs other than quoted prices that are observable for the asset or liability.

If an entity can access quoted price in active markets for identical assets or liabilities of similar companies which can be used for fair valuation of the shares without any adjustment, at the measurement date, then it will be considered as observable input and would be considered as Level 2 inputs.

14. Computation of balance total equity as on 1st April, 20X1 after transition to Ind AS

			₹ in crore
Share capital- Equity share Capital			80
Other Equity			
General Reserve		40	
Capital Reserve		5	
Retained Earnings (95-5-40)	50		
Add: Increase in value of land (10-4.5)	5.5		
Add: De recognition of proposed dividend (0.6 + 0.18)	0.78		
Add: Increase in value of Investment	0.75	57.03	102.03
Balance total equity as on 1st April, 20X1 after transition to Ind AS			182.03

Reconciliation between Total Equity as per AS and Ind AS to be presented in the opening balance sheet as on 1st April, 20X1

		₹ in crore
Equity share capital		80
Redeemable Preference share capital		25
		105
Reserves and Surplus		95
Total Equity as per AS		200
Adjustment due to reclassification		
Preference share capital classified as financial liability		(25)
Adjustment due to derecognition		
Proposed Dividend not considered as liability as on 1st April 20X1		0.78
Adjustment due to remeasurement		
Increase in the value of Land due to remeasurement at fair value	5.5	
Increase in the value of investment due to remeasurement at fair value	0.75	6.25
Equity as on 1st April, 20X1 after transition to Ind AS		182.03

15. **(a)** As per para 18 of Ind AS 24, 'Related Party Disclosures', if an entity had related party transactions during the periods covered by the financial statements, it shall disclose the nature of the related party relationship as well as information about those transactions and outstanding balances, including commitments, necessary for users to understand the potential effect of the relationship on the financial statements.

However, as per para 25 of the standard a reporting entity is exempt from the disclosure requirements in relation to related party transactions and outstanding balances, including commitments, with:

(i) a government that has control or joint control of, or significant influence over, the reporting entity; and

(ii) another entity that is a related party because the same government has control or joint control of, or significant influence over, both the reporting entity and the other entity

According to the above paras, for Entity P's financial statements, the exemption in paragraph 25 applies to:

(i) transactions with Government Uttar Pradesh State Government; and

(ii) transactions with Entities PQR and ABC and Entities Q, A and B.

Similar exemptions are available to Entities PQR, ABC, Q, A and B, with the transactions with UP State Government and other entities controlled directly or indirectly by UP State Government. However, that exemption does not apply to transactions with Mr. KM. Hence, the transactions with Mr. KM needs to be disclosed under related party transactions.

(b) It shall disclose the following about the transactions and related outstanding balances referred to in paragraph 25:

(a) the name of the government and the nature of its relationship with the reporting entity (ie control, joint control or significant influence);

(b) the following information in sufficient detail to enable users of the entity's financial statements to understand the effect of related party transactions on its financial statements:

(i) the nature and amount of each individually significant transaction; and

(ii) for other transactions that are collectively, but not individually, significant, a qualitative or quantitative indication of their extent.

16. Statement of Cash Flows

		₹ in lacs
Cash flows from Operating Activities		
Net Profit after Tax	4,450	

Add: Tax Paid	105	
	4,555	
Add: Depreciation & Amortisation (500 + 20)	520	
Less: Gain on Sale of Machine (70-60)	(10)	
Less: Increase in Deferred Tax Asset (855-750)	(105)	
	4,960	
Change in operating assets and liabilities		
Add: Decrease in financial asset (170 - 145)	25	
Less: Increase in other non-current asset (800 - 770)	(30)	
Less: Increase in other current asset (195 - 85)	(110)	
Less: Decrease in other non-current liabilities (3,615 – 2,740)	(875)	
Add: Increase in other current liabilities (300 - 200)	100	
Add: Increase in trade payables (150-90)	60	
	4,130	
Less: Income Tax	(105)	
Cash generated from Operating Activities		**4,025**
Cash flows from Investing Activities		
Sale of Machinery	70	
Purchase of Machinery [13,000-(12,500 – 500-60)]	(1,060)	
Purchase of Intangible Asset [50-(30-20)]	(40)	
Sale of Financial asset - Investment (2,500 – 2,300)	200	
Cash outflow from Investing Activities		**(830)**
Cash flows from Financing Activities		
Dividend Paid	(450)	
Long term borrowings paid (5,000 – 2,000)	(3,000)	
Cash outflow from Financing Activities		**(3,450)**
Net Cash outflow from all the activities		**(255)**
Opening cash and cash equivalents (460 – 60)		**400**
Closing cash and cash equivalents (220 – 75)		**145**

17. Calculation of the value in use of the machine owned by East Ltd. (East) includes the projected cash inflow (i.e. sales income) from the continued use of the machine and projected cash outflows that are necessarily incurred to generate those cash inflows (i.e cost of goods sold). Additionally, projected cash inflows include ₹ 80,000 from the disposal of the asset in March, 20X8. Cash outflows include routing capital expenditures of ₹ 50,000 in 20X5-X6

As per Ind AS 36, estimates of future cash flows shall not include:

- Cash inflows from receivables
- Cash outflows from payables
- Cash inflows or outflows expected to arise from future restructuring to which an entity is not yet committed
- Cash inflows or outflows expected to arise from improving or enhancing the asset's performance
- Cash inflows or outflows from financing activities
- Income tax receipts or payments.

Hence in this case, cash flows do not include financing interest (i.e. 10%), tax (i.e. 30%) and capital expenditures to which East has not yet committed (i.e. ₹ 100 000). They also do not include any savings in cash outflows from these capital expenditure, as required by Ind AS 36.

The cash flows (inflows and outflows) are presented below in nominal terms. They include an increase of 3% per annum to the forecast price per unit (B), in line with forecast inflation. The cash flows are discounted by applying a discount rate (8%) that is also adjusted for inflation.

Note: Figures are calculated on full scale and then rounded off to the nearest absolute value.

Year ended	**20X3-X4**	**20X4-X5**	**20X5-20X6**	**20X6-X7**	**20X7-X8**	**Value in use**
Quantity (A)	10,000	10,500	11,025	11,576	12,155	
Price per unit(B)	₹ 200	₹ 206	₹ 212	₹ 219	₹ 225	
Estimated cash inflows (C=A x B)	₹ 20,00,000	₹ 21,63,000	₹ 23,37,300	₹ 25,35,144	₹ 27,34,875	
Misc. cash inflow disposal proceeds (D)					₹ 80 000	
Total estimated cash inflows (E=C+D)	₹ 20,00,000	₹ 21,63,000	₹ 23,37,300	₹ 25,35,144	₹ 28,14,875	
Cost per unit (F)	₹ 160	₹ 162	₹ 165	₹ 168	₹ 171	

Estimated cash outflows (G = A x F)	(₹ 16,00,000)	(₹ 17,01,000)	(₹ 18,19,125)	(₹ 19,44,768)	(₹ 20,78,505)	
Misc. cash outflow: maintenance costs (H)			(₹ 50,000)			
Total estimated cash outflows (I=G+H)	(₹ 16,00,000)	(₹ 17,01,000)	(₹ 18,69,125)	(₹ 19,44,768)	(₹ 20,78,505)	
Net cash flows (J=E-I)	₹ 4,00,000	₹ 4,62,000	₹ 4,68,175	₹ 5,90,376	₹ 7,36,370	
Discount factor 8% (K)	0.9259	0.8573	0.7938	0.7350	0.6806	
Discounted future cash flows (L=J x K)	₹ 3,70,360	₹ 3,96,073	₹ 3,71,637	₹ 4,33,926	₹ 5,01,173	₹ 20,73,169

18. (a) For a provision to be recognized, Para 14 of Ind AS 37 requires that:

a) an entity has a present obligation (legal or constructive) as a result of a past event;

b) it is probable that an outflow of resources embodying economic benefits will required to settle the obligation, and

c) a reliable estimate can be made of the amount of the obligation.

Here, the manufacturer has a present legal obligation. The obligation event is the sale of the product with a warranty.

Ind AS 37 outlines that the future sacrifice of economic benefits is probable when it is more likely than less likely that the future sacrifice of economic benefits will required. The probability that settlement will be required will be determined by considering the class of obligation (warranties) as a whole. In accordance with para 24 of Ind AS 37, it is more likely than less likely that a future sacrifice of economic benefits will be required to settle the class of obligations as a whole.

If a reliable estimate can be made the provision can be measured reliably. Past data can provide reliable measures, even if the data is not firm specific but rather industry based. Ind AS 37 notes that only in extremely rare cases, a reliable measure of a provision cannot be obtained. Difficulty in estimating the amount of a provision under conditions of significant uncertainty does not justify non-recognition of the provision.

Here, the manufacturer should recognize a provision based on the best estimate of the consideration required to settle the present obligation as at the reporting date.

(b) The expected value of cost of repairs in accordance with Ind AS 37 is:

(80% x nil) + (15% x ₹ 20,00,000) + (5% x ₹ 50,00,000) = 3,00,000 + 2,50,000

= 5,50,000

19. Calculation of Deductible temporary differences:

Deferred tax asset = ₹ 80,000

Existing tax rate = 40%

Deductible temporary differences = 80,000/40%

= ₹ 2,00,000

Calculation of Taxable temporary differences:

Deferred tax liability = ₹ 60,000

Existing tax rate = 40%

Deductible temporary differences = 60,000 / 40%

= ₹ 1,50,000

Of the total deferred tax asset balance of ₹ 80,000, ₹ 28,000 is recognized in OCI

Hence, Deferred tax asset balance of Profit & Loss is ₹ 80,000 - ₹ 28,000 = ₹ 52,000

Deductible temporary difference recognized in Profit & Loss is ₹ 1,30,000 (52,000 / 40%)

Deductible temporary difference recognized in OCI is ₹ 70,000 (28,000 / 40%)

The adjusted balances of the deferred tax accounts under the new tax rate are:

Deferred tax asset		₹
Previously credited to OCI-equity	₹ 70,000 x 0.45	31,500
Previously recognised as Income	₹ 1,30,000 x 0.45	58,500
		90,000
Deferred tax liability		
Previously recognized as expense	₹ 1,50,000 x 0.45	67,500

The net adjustment to deferred tax expense is a reduction of ₹ 2,500. Of this amount, ₹ 3,500 is recognised in OCI and ₹ 1,000 is charged to P&L.

The amounts are calculated as follows:

	Carrying amount at 45%	Carrying amount at 40%	Increase (decrease) in deferred tax expense
Deferred tax assets			
Previously credited to OCI-equity	31,500	28,000	(3,500)
Previously recognised as Income	58,500	52,000	(6,500)
	90,000	80,000	(10,000)
Deferred tax liability			
Previously recognized as expense	67,500	60,000	7,500
Net adjustment			(2,500)

An alternative method of calculation is:		₹
DTA shown in OCI	₹ 70,000 x (0.45 - 0.40)	3,500
DTA shown in Profit or Loss	₹ 1,30,000 x (0.45-0.40)	6,500
DTL shown in Profit or Loss	₹ 1,50,000 x (0.45 -0.40)	7,500

Journal Entries

	₹	₹
Deferred tax asset	3,500	
OCI –revaluation surplus		3,500
Deferred tax asset	6,500	
Deferred tax expense		6,500
Deferred tax expense	7,500	
Deferred tax liability		7,500

Alternatively, a combined journal entry may be passed as follows:

		₹	₹
Deferred tax asset	Dr.	10,000	
Deferred tax expense	Dr.	1,000	
To OCI –revaluation surplus			3,500
To Deferred tax liability			7,500

20. (i) As an only exception to the principle of classification or designation of assets as they exist at the acquisition date is that for lease contract and insurance contracts classification which will be based on the basis of the conditions existing at inception and not on acquisition date.

Therefore, H Ltd. would be required to retain the original lease classification of the lease arrangements and thereby recognise the lease arrangements as finance lease.

(ii) The requirements in Ind AS 37 'Provisions, Contingent Liabilities and Contingent Assets', do not apply in determining which contingent liabilities to recognise as of the acquisition date as per Ind AS 103 'Business Combination'. Instead, the acquirer shall recognise as of the acquisition date a contingent liability assumed in a business combination if it is a present obligation that arises from past events and its fair value can be measured reliably. Therefore, contrary to Ind AS 37, the acquirer recognises a contingent liability assumed in a business combination at the acquisition date even if it is not probable that an outflow of resources embodying economic benefits will be required to settle the obligation. Hence H Ltd. will recognize contingent liability of ₹ 2.5 cr.

Since S Ltd. has indemnified for ₹ 1 cr., H Ltd. shall recognise an indemnification asset at the same time for ₹ 1 cr.

As per the information given in the question, this indemnified asset is not taxable. Hence, its tax base will be equal to its carrying amount. No deferred tax will arise on it.

(iii) As per Ind AS 103, non-current assets held for sale should be measured at fair value less cost to sell in accordance with Ind AS 105 'Non-current Assets Held for Sale and Discontinued Operations'. Therefore, its carrying value as per balance sheet has been considered in the calculation of net assets.

(iv) Any equity interest in S Ltd. held by H Ltd. immediately before obtaining control over S Ltd. is adjusted to acquisition-date fair value. Any resulting gain or loss is recognised in the profit or loss of H Ltd.

Calculation of purchase consideration as per Ind AS 103 ₹ in lakh

Investment in S Ltd.			
On 1st Nov. 20X6	15%	[(12/100) x 395 x 15%]	7.11
On 1st Jan. 20X7	45%		
Own equity given		10,000 x 12% x 45% x 1/2	270
Cash			50
Contingent consideration			22
			349.11

(v) Calculation of deferred tax on assets and liabilities acquired as part of the business combination, including current tax and goodwill.

Item	₹ in crore				
	Book value	**Fair value**	**Tax base**	**Taxable (deductible) temporary difference**	**Deferred tax assets (liability) @ 30%**
Property, plant and equipment	40	90	40	50	(15)

Intangible assets	20	30	20	10	(3)
Investments	100	350	100	250	(75)
Inventories	20	20	20	-	-
Trade receivables	20	20	20	-	-
Cash held in functional currency	4	4	4	-	-
Non-current asset held for sale	4	4	4	-	-
Indemnified asset	-	1	1	-	-
Borrowings	20	20	20	-	-
Trade payables	28	28	28	-	-
Provision for warranties	3	3	3	-	-
Current tax liabilities	4	4	4	-	-
Contingent liability		0.5	-	(0.5)	0.15
Deferred tax Liability					(92.85)

(vi) Calculation of identifiable net assets acquired

	₹ in crore	₹ in crore
Property, plant and equipment	90	
Intangible assets	30	
Investments	350	
Inventories	20	
Trade receivables	20	
Cash held in functional currency	4	
Non-current asset held for sale	4	
Indemnified asset	1	
Total asset		519
Less: Borrowings	20	
Trade payables	28	
Provision for warranties	3	
Current tax liabilities	4	
Contingent liability (2 + 0.5)	2.50	
Deferred tax liability (W.N.2)	92.85	(150.35)
Net identifiable assets		368.65

(a) Calculation of NCI by proportionate share of net assets

Net identifiable assets of S Ltd. on 1.1.20X7 (Refer W.N.3) = 372.85 crore

NCI on 1.1.20X7 = 368.65 crore x 40% = 147.46 crore

Calculation of Goodwill as per Ind AS 103

Goodwill on 1.1.20X7 = Purchase consideration + NCI – Net assets

= 349.11 + 147.46 – 368.65

= 127.92 crore

(b) As per para 45 of Ind AS 103 'Business Combination', if the initial accounting for a business combination is incomplete by the end of the reporting period in which the combination occurs, the acquirer shall report in its financial statements provisional amounts for the items for which the accounting is incomplete.

During the measurement period, the acquirer shall retrospectively adjust the provisional amounts recognised at the acquisition date to reflect new information obtained about facts and circumstances that existed as of the acquisition date and, if known, would have affected the measurement of the amounts recognised as of that date.

During the measurement period, the acquirer shall also recognise additional assets or liabilities if new information is obtained about facts and circumstances that existed as of the acquisition date and, if known, would have resulted in the recognition of those assets and liabilities as of that date.

The measurement period ends as soon as the acquirer receives the information it was seeking about facts and circumstances that existed as of the acquisition date or learns that more information is not obtainable. However, the measurement period shall not exceed one year from the acquisition date.

Further, as per para 46 of Ind AS 103, the measurement period is the period after the acquisition date during which the acquirer may adjust the provisional amounts recognised for a business combination. The measurement period provides the acquirer with a reasonable time to obtain the information necessary to identify and measure the following as of the acquisition date in accordance with the requirements of this Ind AS:

(a) the identifiable assets acquired, liabilities assumed and any non-controlling interest in the acquiree;

(b) …..

(c) ……; and

(d) the resulting goodwill or gain on a bargain purchase.

Para 48 states that the acquirer recognises an increase (decrease) in the provisional amount recognised for an identifiable asset (liability) by means of a decrease (increase) in goodwill.

Para 49 states that during the measurement period, the acquirer shall recognise adjustments to the provisional amounts as if the accounting for the business combination had been completed at the acquisition date.

Para 50 states that after the measurement period ends, the acquirer shall revise the accounting for a business combination only to correct an error in accordance with Ind AS 8 'Accounting Policies, Changes in Accounting Estimates and Errors'.

On 31st December, 20X7, H Ltd. has established that it has obtained all the information necessary for the accounting of the business combination and the more information is not obtainable. Therefore, the measurement period for acquisition of S Ltd. ends on 31st December, 20X7.

On 31st May, 20X7 (ie within the measurement period), H Ltd. learned that certain customer relationships existing as on 1st January, 20X7 which met the recognition criteria of an intangible asset as on that date were not considered during the accounting of business combination for the year ended 31st March, 20X7. Therefore, H Ltd. shall account for the acquisition date fair value of customer relations existing on 1st January, 20X7 as an identifiable intangible asset. The corresponding adjustment shall be made in the amount of goodwill.

Accordingly, the amount of goodwill will be changed due to identification of new asset from retrospective date for changes in fair value of assets and liabilities earlier recognised on provisional amount (subject to meeting the condition above for measurement period). NCI changes would impact the consolidated retained earnings (parent's share). Also NCI will be increased or decreased based on the profit during the post-acquisition period.

Journal entry

Customer relationship	Dr.	3.5 crore	
To NCI			1.4 crore
To Goodwill			2.1 crore

However, the increase in the value of customer relations after the acquisition date shall not be accounted by H Ltd., as the customer relations developed after 1st January, 20X7 represents internally generated intangible assets which are not eligible for recognition on the balance sheet.

(c) Since the contingent considerations payable by H Ltd is not classified as equity and is within the scope of Ind AS 109 'Financial Instruments', the changes in the fair value shall be recognised in profit or loss. Change in Fair value of contingent consideration (23-22) ₹ 1 crore will be recognized in the Statement of Profit and Loss.