

PAPER – 1: ACCOUNTING

**PART – I: ANNOUNCEMENTS STATING APPLICABILITY & NON-APPLICABILITY
FOR NOVEMBER, 2019 EXAMINATION**

A. Applicable for November, 2019 examination

I. Amendments in Schedule III (Division I) to the Companies Act, 2013

In exercise of the powers conferred by sub-section (1) of section 467 of the Companies Act, 2013, the Central Government made the following amendments in Division I of the Schedule III with effect from the date of publication of this notification in the Official Gazette:

- (A) under the heading “II Assets”, under sub-heading “Non-current assets”, for the words “Fixed assets”, the words “Property, Plant and Equipment” shall be substituted;
- (B) in the “Notes”, under the heading “General Instructions for preparation of Balance Sheet”, in paragraph 6,-
 - (I) under the heading “B. Reserves and Surplus”, in item (i), in sub- item (c), the word “Reserve” shall be omitted;
 - (II) in clause W., for the words “fixed assets”, the words “Property, Plant and Equipment” shall be substituted.

II. Amendments in Schedule V to the Companies Act, 2013

In exercise of the powers conferred by sub-sections (1) and (2) of section 467 of the Companies Act, 2013, the Central Government hereby makes the following amendments to amend Schedule V.

In PART II, under heading “REMUNERATION”, in Section II -,

- (a) in the heading, the words “without Central Government approval” shall be omitted;
- (b) in the first para, the words “without Central Government approval” shall be omitted;
- (c) in item (A), in the proviso, for the words “Provided that the above limits shall be doubled” the words “Provided that the remuneration in excess of above limits may be paid” shall be substituted;
- (d) in item (B), for the words “no approval of Central Government is required” the words “remuneration as per item (A) may be paid” shall be substituted;

- (e) in Item (B), in second proviso, for clause (ii), the following shall be substituted, namely:-

“(ii) the company has not committed any default in payment of dues to any bank or public financial institution or non-convertible debenture holders or any other secured creditor, and in case of default, the prior approval of the bank or public financial institution concerned or the non-convertible debenture holders or other secured creditor, as the case may be, shall be obtained by the company before obtaining the approval in the general meeting.”;

- (f) in item (B), in second proviso, in clause (iii), the words “the limits laid down in” shall be omitted;

In PART II, under the heading “REMUNERATION”, in Section III, –

- (a) in the heading, the words “without Central Government approval” shall be omitted;
- (b) in first para, the words “without the Central Government approval” shall be omitted;
- (c) in clause (b), in the long line, for the words “remuneration up to two times the amount permissible under Section II” the words “any remuneration to its managerial persons”, shall be substituted;

III. Notification dated 13th June, 2017 to exempt startup private companies from preparation of Cash Flow Statement as per Section 462 of the Companies Act 2013

As per the Amendment, under Chapter I, clause (40) of section 2, an exemption has been provided to a startup private company besides one person company, small company and dormant company. Accordingly, a startup private company is not required to include the cash flow statement in the financial statements.

Thus the financial statements, with respect to one person company, small company, dormant company and private company (if such a private company is a start-up), may not include the cash flow statement.

IV. Amendments made by MCA in the Companies (Accounting Standards) Rules, 2006

MCA has issued Companies (Accounting Standards) Amendment Rules, 2016 to amend Companies (Accounting Standards) Rules, 2006 by incorporating the references of the Companies Act, 2013, wherever applicable. Also, the Accounting Standard (AS) 2, AS 4, AS 10, AS 13, AS 14, AS 21 and AS 29 as specified in these Rules will substitute the corresponding Accounting Standards with the same number as specified in Companies (Accounting Standards) Rules, 2006.

Following table summarizes the changes made by the Companies (Accounting Standards) Amendment Rules, 2016 vis a vis the Companies (Accounting Standards) Rules, 2006 in the Accounting Standards relevant for Paper 1:

| Name of the standard | Para no. | As per the Companies (Accounting Standards) Rules, 2006 | As per the Companies (Accounting Standards) Amendment Rules, 2016 | Implication |
|----------------------|----------------|--|---|---|
| AS 2 | 4 (an extract) | Inventories do not include machinery spares which can be used only in connection with an item of fixed asset and whose use is expected to be irregular; such machinery spares are accounted for in accordance with Accounting Standard (AS) 10, Accounting for Fixed Assets. | Inventories do not include spare parts, servicing equipment and standby equipment which meet the definition of property, plant and equipment as per AS 10, Property, Plant and Equipment. Such items are accounted for in accordance with Accounting Standard (AS) 10, Property, Plant and Equipment. | Now, inventories also do not include servicing equipment and standby equipment other than spare parts if they meet the definition of property, plant and equipment as per AS 10, Property, Plant and Equipment. |
| | 27 | Common classifications of inventories are raw materials and components, work in progress, finished goods, stores and spares, and loose tools. | Common classifications of inventories are: (a) Raw materials and components (b) Work-in-progress (c) Finished goods (d) Stock-in-trade (in respect of goods acquired for trading) | Para 27 of AS 2 requires disclosure of inventories under different classifications. One residual category has been added to the said paragraph i.e. 'Others'. |

| | | | | |
|-------|-----|--------------|---|--|
| | | | (e) Stores and spares (f) Loose tools (g) Others (specify nature)". | |
| AS 10 | All | Fixed Assets | Property, Plant and Equipment | Entire standard has been revised with the title AS 10: 'Property, Plant and Equipment' by replacing the existing AS 6 and AS 10. The students are advised to refer the explanation of AS 10 Property, Plant and equipment (2016) given in Supplementary Material on AS 10 at the link: https://resource.cdn.icai.org/44440bos34351.PDF . AS 10 Property, Plant and equipment (2016) has also been incorporated in the revised chapter 1 "Accounting Standards" uploaded on the BoS knowledge portal at the link: https://resource.cdn.icai.org/38480 |

| | | | | |
|-------|------|---|--|--|
| | | | | bos28154-mod1-cp1.pdf |
| AS 13 | 20 | The cost of any shares in a co-operative society or a company, the holding of which is directly related to the right to hold the investment property, is added to the carrying amount of the investment property. | An investment property is accounted for in accordance with cost model as prescribed in Accounting Standard (AS) 10, Property, Plant and Equipment. The cost of any shares in a co-operative society or a company, the holding of which is directly related to the right to hold the investment property, is added to the carrying amount of the investment property. | Accounting of investment property was not stated in this para but now incorporated i.e. at cost model. |
| | 30 | An enterprise holding investment properties should account for them as long term investments. | An enterprise holding investment properties should account for them in accordance with cost model as prescribed in AS 10, Property, Plant and Equipment. | Accounting of investment property shall now be in accordance with AS 10 i.e. at cost model |
| AS 14 | 3(a) | Amalgamation means an amalgamation pursuant to the provisions of the Companies Act, 1956 or any other statute which may be applicable to companies. | Amalgamation means an amalgamation pursuant to the provisions of the Companies Act, 2013 or any other statute which may be applicable to companies and includes 'merger'. | Definition of Amalgamation has been made broader by specifically including 'merger'. |

| | | | | |
|--|-----------|---|---|--|
| | 18 and 39 | In such cases the statutory reserves are recorded in the financial statements of the transferee company by a corresponding debit to a suitable account head (e.g., 'Amalgamation Adjustment Account') which is disclosed as a part of 'miscellaneous expenditure' or other similar category in the balance sheet. When the identity of the statutory reserves is no longer required to be maintained, both the reserves and the aforesaid account are reversed. | In such cases the statutory reserves are recorded in the financial statements of the transferee company by a corresponding debit to a suitable account head (e.g., 'Amalgamation Adjustment Reserve') which is presented as a separate line item. When the identity of the statutory reserves is no longer required to be maintained, both the reserves and the aforesaid account are reversed. | Corresponding debit on account of statutory reserve in case of amalgamation in the nature of purchase is termed as 'Amalgamation Adjustment Reserve' and is now to be presented as a separate line item since there is not sub-heading like 'Miscellaneous expenditure' in Schedule III to the Companies Act, 2013 |
|--|-----------|---|---|--|

Note: The above mentioned amendments have also been incorporated in the revised Chapters 1, 2 and 6 of the Study Material and uploaded on the BoS Knowledge portal of the Institute's website.

B. Not applicable for November, 2019 examination

Non-Applicability of Ind ASs for November, 2019 Examination

The Ministry of Corporate Affairs has notified Companies (Indian Accounting Standards) Rules, 2015 on 16th February, 2015, for compliance by certain class of companies. These Ind AS have not been made applicable for November, 2019 Examination.

PART – II: QUESTIONS AND ANSWERS

QUESTIONS

Financial Statements of Companies

1. (a) The following balance appeared in the books of Oliva Company Ltd. as on 31-03-2019.

| Particulars | | ₹ | Particulars | | ₹ |
|---|---------------|-------------------------|--------------------------|---------------|-------------------------|
| Inventory 01-04-2018 | | | Sales | | 17,10,000 |
| -Raw Material | 30,000 | | Interest | | 3,900 |
| -Finished goods | <u>46,500</u> | 76,500 | Profit and Loss A/c | | 48,000 |
| Purchases | | 12,15,000 | Share Capital | | 3,15,000 |
| Manufacturing Expenses | | 2,70,000 | Secure Loans: | | |
| | | | Short-term | 4,500 | |
| | | | Long-term | <u>21,000</u> | 25,500 |
| Salaries and wages | | 40,200 | Deposits (unsecured): | | |
| General Charges | | 16,500 | Short -Term | 1,500 | |
| Interim Dividend paid (inclusive of Dividend Distribution Tax) | | 27,000 | Long -term | <u>3,300</u> | 4,800 |
| Building | | 1,01,000 | Trade payables | | 3,27,000 |
| Plant and Machinery | | 70,400 | | | |
| Furniture | | 10,200 | | | |
| Motor Vehicles | | 40,800 | | | |
| Stores and Spare Parts Consumed | | 45,000 | | | |
| Investments: | | | | | |
| Current | 4,500 | | | | |
| Non Current | <u>7,500</u> | 12,000 | | | |
| Trade receivables | | 2,38,500 | | | |
| Cash in Bank | | <u>2,71,100</u> | | | |
| | | <u>24,34,200</u> | | | <u>24,34,200</u> |

From the above balance and the following information, prepare the company's Profit and Loss Account for the year ended 31st March, 2019 and Company's Balance Sheet as on that date:

1. Inventory on 31st March, 2019 Raw material ₹ 25,800 & finished goods ₹ 60,000.
 2. Outstanding Expenses: Manufacturing Expenses ₹ 67,500 & Salaries & Wages ₹ 4,500.
 3. Interest accrued on Securities ₹ 300.
 4. General Charges prepaid ₹ 2,490.
 5. Provide depreciation: Building @ 2% p.a., Machinery @ 10% p.a., Furniture @ 10% p.a. & Motor Vehicles @ 20% p.a.
 6. Current maturity of long term loan is ₹ 1,000.
 7. The Taxation provision of 40% on net profit is considered.
- (b) The following extract of Balance Sheet of X Ltd. (a non-investment company) was obtained:

Balance Sheet (Extract) as on 31st March, 2019

| <i>Liabilities</i> | <i>₹</i> |
|--|--------------------|
| <u>Authorised capital:</u> | |
| 15,000, 14% preference shares of ₹ 100 | 15,00,000 |
| 1,50,000 Equity shares of ₹ 100 each | <u>1,50,00,000</u> |
| | <u>1,65,00,000</u> |
| <u>Issued and subscribed capital:</u> | |
| 15,000, 14% preference shares of ₹ 100 each fully paid | 15,00,000 |
| 1,20,000 Equity shares of ₹ 100 each, ₹ 80 paid-up | 96,00,000 |
| Capital reserves (₹ 1,50,000 is revaluation reserve) | 1,95,000 |
| Securities premium | 50,000 |
| 15% Debentures | 65,00,000 |
| Investment in shares, debentures, etc. | 75,00,000 |
| Profit and Loss account (debit balance) | 15,25,000 |

You are required to compute Effective Capital as per the provisions of Schedule V to the Companies Act, 2013.

Cash flow statement

2. From the following information, prepare a Cash Flow Statement for the year ended 31st March, 2019.

Balance Sheets

| | Particulars | Note | 31.03.2019 (₹) | 31.03.2018 (₹) |
|----|---|------|-------------------|-------------------|
| I | EQUITY AND LIABILITIES | | | |
| | (1) Shareholder's Funds | | | |
| | (a) Share Capital | 1 | 3,50,000 | 3,00,000 |
| | (b) Reserves and Surplus | 2 | 82,000 | 38,000 |
| | (2) Non-Current Liabilities | | | |
| | (3) Current Liabilities | | | |
| | (a) Trade Payables | | 65,000 | 44,000 |
| | (b) Other Current Liabilities | 3 | 37,000 | 27,000 |
| | (c) Short term Provisions (provision for tax) | | <u>32,000</u> | <u>28,000</u> |
| | Total | | <u>5,66,000</u> | <u>4,37,000</u> |
| II | ASSETS | | | |
| | (1) Non current Assets | | | |
| | (a) Tangible Assets | 4 | 2,66,000 | 1,90,000 |
| | (b) Intangible Assets (Goodwill) | | 47,000 | 60,000 |
| | Non-Current Investments | | 35,000 | 10,000 |
| | (2) Current Assets | | | |
| | (a) Inventories | | 78,000 | 85,000 |
| | (b) Trade Receivables | | 1,08,000 | 75,000 |
| | (c) Cash & Cash Equivalents | | <u>32,000</u> | <u>17,000</u> |
| | Total | | <u>5,66,000</u> | <u>4,37,000</u> |

Note 1: Share Capital

| Particulars | 31.03.2019 (₹) | 31.03.2018 (₹) |
|-----------------------------|-----------------|-----------------|
| Equity Share Capital | 2,50,000 | 1,50,000 |
| 8% Preference Share Capital | <u>1,00,000</u> | <u>1,50,000</u> |
| Total | 3,50,000 | 3,00,000 |

Note 2: Reserves and Surplus

| Particulars | 31.03.2019 (₹) | 31.03.2018 (₹) |
|-----------------|----------------|----------------|
| General Reserve | 30,000 | 20,000 |

| | | |
|---------------------|---------------|-------------------|
| Profit and Loss A/c | 27,000 | 18,000 |
| Capital Reserve | <u>25,000</u> | <u> </u> |
| Total | 82,000 | 38,000 |

Note 3: Current Liabilities

| Particulars | 31.03.2019(₹) | 31.03.2018 (₹) |
|-------------------|---------------|----------------|
| Dividend declared | 37,000 | 27,000 |

Note 4: Tangible Assets

| Particulars | 31.03.2019 (₹) | 31.03.2018 (₹) |
|-----------------|-------------------|-------------------|
| Land & Building | 75,000 | 1,00,000 |
| Machinery | <u>1,91,000</u> | <u>90,000</u> |
| Total | 2,66,000 | 1,90,000 |

Additional Information:

- (i) ₹ 18,000 depreciation for the year has been written off on Plant and Machinery and no depreciation has been charged on Land and Building.
- (ii) A piece of land has been sold out for ₹ 50,000 and the balance has been revalued, profit on such sale and revaluation being transferred to capital reserve. There is no other entry in Capital Reserve Account.
- (iii) A plant was sold for ₹ 12,000 WDV being ₹ 15,000 on the date of sale (after charging depreciation).
- (iv) Dividend received amounted to ₹ 2,100 which included pre-acquisition dividend of ₹ 600.
- (v) An interim dividend of ₹ 10,000 including Dividend Distribution Tax has been paid.
- (vi) Non-current investments given in the balance sheet represents investment in shares of other companies.
- (vii) Amount of provision for tax existing on 31.3.2018 was paid during the year 2018-19.

Profit/Loss prior to Incorporation

3. Roshani & Reshma working in partnership, registered a joint stock company under the name of Happy Ltd. on May 31st 2018 to take over their existing business. The summarized Profit & Loss A/c as given by Happy Ltd. for the year ending 31st March, 2019 is as under:

Happy Ltd.

Profit & Loss A/c for the year ending March 31, 2019

| Particulars | Amount (₹) | Particulars | Amount (₹) |
|--------------------------|-----------------|-----------------|-----------------|
| To Salary | 1,44,000 | By Gross Profit | 4,50,000 |
| To Interest on Debenture | 36,000 | | |
| To Sales Commission | 18,000 | | |
| To Bad Debts | 49,000 | | |
| To Depreciation | 19,250 | | |
| To Rent | 38,400 | | |
| To Company Audit fees | 12,000 | | |
| To Net Profit | <u>1,33,350</u> | | |
| Total | <u>4,50,000</u> | Total | <u>4,50,000</u> |

Prepare a Statement showing allocation of expenses & calculation of pre-incorporation & post-incorporation profits after considering the following information:

- GP ratio was constant throughout the year.
- Depreciation includes ₹ 1,250 for assets acquired in post incorporation period.
- Bad debts recovered amounting to ₹ 14,000 for a sale made in 2015-16 has been deducted from bad debts mentioned above.
- Total sales were ₹ 18,00,000 of which ₹ 6,00,000 were for April to September.
- Happy Ltd. had to occupy additional space from 1st Oct. 2018 for which rent was ₹ 2,400 per month.

Accounting for Bonus Issue

4. Following is the extract of the Balance Sheet of Manoj Ltd. as at 31st March, 20X1

| | ₹ |
|--|------------------|
| Authorised capital: | |
| 30,000 12% Preference shares of ₹ 10 each | 3,00,000 |
| 4,00,000 Equity shares of ₹ 10 each | <u>40,00,000</u> |
| | <u>43,00,000</u> |
| Issued and Subscribed capital: | |
| 24,000 12% Preference shares of ₹ 10 each fully paid | 2,40,000 |
| 2,70,000 Equity shares of ₹ 10 each, ₹ 8 paid up | 21,60,000 |

| | |
|--|----------|
| Reserves and surplus: | |
| General Reserve | 3,60,000 |
| Capital Redemption Reserve | 1,20,000 |
| Securities premium (collected in cash) | 75,000 |
| Profit and Loss Account | 6,00,000 |

On 1st April, 20X1, the Company has made final call @ ₹ 2 each on 2,70,000 equity shares. The call money was received by 20th April, 20X1. Thereafter, the company decided to capitalize its reserves by way of bonus at the rate of one share for every four shares held. Show necessary journal entries in the books of the company and prepare the relevant extract of the balance sheet as on 30th April, 20X1 after bonus issue.

Internal Reconstruction of a Company

5. The summarised Balance Sheet of Preet Limited as on 31st March 2019, was as follows:

| <i>Liabilities</i> | (₹) | <i>Assets</i> | (₹) |
|--|-----------|------------------------------|-----------|
| Authorised and subscribed capital: 20,000 Equity shares of ₹ 100 each fully paid | 20,00,000 | Fixed Assets: Machineries | 7,00,000 |
| Unsecured loans: 15% Debentures | 6,00,000 | Current Assets: Inventory | 5,06,000 |
| Accrued interest | 90,000 | Trade receivables | 4,60,000 |
| Current Liabilities: Trade payables | 1,04,000 | Bank | 40,000 |
| Provision for income tax | 72,000 | Profit & loss A/c | 11,60,000 |
| | 28,66,000 | | 28,66,000 |

It was decided to reconstruct the company for which necessary resolution was passed and sanctions were obtained from the appropriate authorities. Accordingly, it was decided that:

- Each share be sub-divided into 10 fully paid up equity shares of ₹ 10 each.
- After sub-division, each shareholder shall surrender to the company 50% of his holding for the purpose of reissue to debenture holders and trade payables as necessary.
- Out of shares surrendered 20,000 shares of ₹ 10 each shall be converted into 10% Preference shares of ₹ 10 each fully paid up.
- The claims of the debenture holders shall be reduced by 50%. In consideration of the reduction, the debenture holder shall receive Preference Shares of ₹ 2,00,000 which are converted out of shares surrendered.

- (v) Trade payables claim shall be reduced by 25%. Remaining trade payables are to be settled by the issue of equity shares of ₹ 10 each out of shares surrendered.
- (vi) Balance of Profit and Loss account to be written off.
- (vii) The shares surrendered and not re-issued shall be cancelled.

Pass Journal Entries giving effect to the above and the resultant Balance Sheet.

Amalgamation of Companies

6. P Ltd. and Q Ltd. were carrying on the business of manufacturing of auto components. Both the companies decided to amalgamate and a new company PQ Ltd. is to be formed with an Authorized Capital of ₹ 10,00,000 divided into 1,00,000 equity shares of ₹ 10 each. The Balance Sheet of the companies as on 31.03.2019 were as under:

P Limited Balance Sheet as at 31.03.2019

| Particulars | Amount (₹) |
|--|-----------------|
| I. Equity and Liabilities | |
| 1. Shareholder's Fund | |
| (a) Share Capital | 1,40,000 |
| (b) Reserves & Surplus | |
| Profit & Loss A/c | 30,000 |
| 2. Non Current Liabilities | |
| 8 % Secured Debentures | 1,10,000 |
| 3. Current Liabilities | |
| Trade Payables | <u>54,000</u> |
| Total | <u>3,34,000</u> |
| II. Assets | |
| 1. Non-current Assets | |
| (a) Property, Plant & Equipment | |
| (i) Building at cost less Depreciation | 1,00,000 |
| (ii) Plant & Machinery at cost less Depreciation | 25,000 |
| 2. Current Assets | |
| (a) Inventories | 1,35,000 |
| (b) Trade Receivables | 44,000 |
| (c) Cash at bank | <u>30,000</u> |
| Total | <u>3,34,000</u> |

Q Limited
Balance Sheet as at 31.03.2019

| <i>Particulars</i> | <i>Amount (₹)</i> |
|---|-------------------|
| I. Equity and Liabilities | |
| 1. Shareholder's Fund | |
| (a) Share Capital | 2,50,000 |
| (b) Reserves & Surplus | |
| General Reserve | 1,20,000 |
| Profit & Loss A/c | 35,000 |
| 2. Current Liabilities | |
| Trade Payables | <u>1,40,000</u> |
| Total | <u>5,45,000</u> |
| II. Assets | |
| 1. Non-current assets | |
| (a) Property, Plant & Equipment | |
| (i) Building at cost less depreciation | 1,90,000 |
| (ii) Plant & Machinery at cost less depreciation | 80,000 |
| (iii) Furniture & Fixture at cost less depreciation | 25,000 |
| 2. Current Assets | |
| (a) Inventories | 50,000 |
| (b) Trade Receivables | 1,42,000 |
| (c) Cash at bank | <u>58,000</u> |
| Total | <u>5,45,000</u> |

The assets and liabilities of the existing companies are to be transferred at book value with the exception of some items detailed below:

- (i) Goodwill of P Ltd. was worth ₹ 50,000 and of Q Ltd. was worth ₹ 1,50,000.
- (ii) Furniture & Fixture of Q Ltd. was valued at ₹ 35,000.
- (iii) The Trade receivables of P Ltd. are realized fully and bank balance of P Ltd. are to be retained by the liquidator and the trade payables are to be paid out of the proceeds thereof.
- (iv) The debentures of P Ltd. are to be discharged by issue of 8% 11,000 debentures of PQ Ltd. at a premium of 10%.

You are required to:

- (i) Compute the basis on which shares in PQ Ltd. will be issued at par to the shareholders of the existing companies.

- (ii) Draw up a Balance Sheet of PQ Ltd. as at 1st April, 2019, the date of completion of amalgamation.

Average Due Date

7. Kiran had accepted bills payable to Heena, falling due on different dates. The details of bills are as follows:

| Date of bill | Amount | Usance of bill |
|-----------------|---------|----------------|
| 9th April 2018 | ₹ 3,000 | for 4 months |
| 18th April 2018 | ₹ 5,500 | for 3 months |
| 25th May 2018 | ₹ 3,000 | for 6 months |
| 5th June 2018 | ₹ 6,000 | for 3 months |

On 1st July, it was agreed that these bills should be withdrawn and that Kiran should accept on that day two bills, one for ₹ 10,000 due in 4 months and the other for the balance with interest, due in 6 months. Calculate the amount of the second bill taking interest @ 10% p.a. Take 365 days in year 2018-2019.

Account Current

8. From the following transactions in the books of Mr. Perfect, prepare an Account Current, by means of product to be sent by him to Mr. Smart for the quarter ending 31st March, 2019. Interest is to be charged and/or allowed @ 12% p.a. (Take 365 days in year)

| 2019 | | ₹ |
|-------------|---|--------|
| January 1 | Balance in Smart's Account (Credit) | 3,500 |
| January 12 | Sold goods to Smart (due 1st February) | 30,000 |
| January 31 | Sold goods to Smart (due 15th February) | 27,500 |
| February 15 | Cash received | 40,000 |
| February 20 | Cash received | 7,500 |
| March 10 | Goods returned by Smart | 7,000 |
| March 25 | Cash received | 6,500 |

Self – Balancing Ledgers

9. A business concern maintains self-balancing ledgers. On the basis of following information, prepare General Ledger Adjustment Account in Debtors Ledger for the month of April, 2019:

| | (₹) |
|---|----------|
| Debit balances in Debtors Ledger on 01-04-2019 | 1,79,100 |
| Credit balances in Debtors Ledger on 01-04-2019 | 4,700 |

| | |
|---|-----------|
| Transactions during the month of April, 2019 are: | |
| Total Sales (including Cash Sales, ₹ 50,000) | 10,47,700 |
| Sales Returns | 16,550 |
| Cash received from debtors | 8,62,850 |
| Bills Receivable received from debtors | 47,500 |
| Bills Receivable dishonoured | 3,750 |
| Cash paid to debtors for returns | 3,000 |
| Transfers to Creditors Ledger | 8,000 |
| Credit balances in Debtors Ledger on 30-04-2019 | 4,900 |

Financial Statements of Not-For-Profit Organizations

10. Doctor Dinesh after retiring from Govt. service, started private practice on 1st April, 2018 with ₹ 1,00,000 of his own and ₹ 1,50,000 borrowed at an interest of 12% per annum on the security of his life policies. His accounts for the year were kept on a cash basis and the following is his summarized cash account:

| Receipts | ₹ | Payments | ₹ |
|--------------------|----------|---------------------------------|----------|
| Own capital | 1,00,000 | Medicines purchased | 1,22,500 |
| Loan | 1,50,000 | Surgical equipments | 1,25,000 |
| Prescription fees | 3,30,000 | Motor car | 1,60,000 |
| Visiting fees | 1,25,000 | Motor car expenses | 60,000 |
| Fees from lectures | 12,000 | Wages and salaries | 52,500 |
| Pension received | 1,50,000 | Rent of clinic | 30,000 |
| | | General charges | 24,500 |
| | | Household expenses | 90,000 |
| | | Household Furniture | 12,500 |
| | | Expenses on daughter's marriage | 1,07,500 |
| | | Interest on loan | 18,000 |
| | | Balance at bank | 55,000 |
| | | Cash in hand | 9,500 |

One-third of the motor car expense may be treated as applicable to the private use of car and ₹ 15,000 of salaries are in respect of domestic servants.

The stock of medicines in hand on 31st March, 2019 was valued at ₹ 47,500.

You are required to prepare his capital account and income and expenditure account for the year ended 31st March, 2019 and balance sheet as on that date. Ignore depreciation of fixed assets.

Accounts from Incomplete Records

11. Following is the incomplete information of Moonlight Traders:

The following balances are available as on 31.03.2018 and 31.03.2019.

| Balances | 31.03.2018 | 31.03.2019 |
|---|------------|------------|
| Land and Building | 5,00,000 | 5,00,000 |
| Plant and Machinery | 2,20,000 | 3,30,000 |
| Office equipment | 1,05,000 | 85,000 |
| Debtors (before charging for Bad debts) | ? | 2,25,000 |
| Creditors for purchases | 95,000 | ? |
| Creditors for office expenses | 20,000 | 15,000 |
| Stock | ? | 65,000 |
| Long term loan from SBI @ 12%. | 1,60,000 | 100,000 |
| Bank | 25,000 | ? |

| Other Information | In ₹ |
|---|----------|
| Collection from debtors | 9,25,000 |
| Payment to creditors for purchases | 5,25,000 |
| Payment of office expenses (excluding interest on loan) | 42,000 |
| Salary paid | 32,000 |
| Selling expenses | 15,000 |
| Cash sales | 2,50,000 |
| Credit sales (80% of total sales) | |
| Credit purchases | 5,40,000 |
| Cash purchases (40% of total purchases) | |
| GP Margin at cost plus 25% | |
| Discount Allowed | 5,500 |
| Discount Received | 4,500 |
| Bad debts (2% of closing debtors) | |
| Depreciation to be provided as follows: | |
| Land and Building | 5% |
| Plant and Machinery | 10% |
| Office Equipment | 15% |

Other adjustments:

- (i) On 01.10.18 they sold machine having Book Value ₹ 40,000 (as on 31.03.2018) at a loss of ₹ 15,000. New machine was purchased on 01.01.2019.
- (ii) Office equipment was sold at its book value on 01.04.2018.
- (iii) Loan was partly repaid on 31.03.19 together with interest for the year.

You are required to prepare Trading, Profit & Loss Account and Balance Sheet as on 31.03.2019.

Hire Purchase Transactions

12. Srikumar bought 2 cars from 'Fair Value Motors Pvt. Ltd. on 1.4.2016 on the following terms (for both cars):

| | |
|--|----------|
| Down payment | 6,00,000 |
| 1 st Installment at the end of first year | 4,20,000 |
| 2 nd Installment at the end of 2 nd year | 4,90,000 |
| 3 rd Installment at the end of 3 rd year | 5,50,000 |

Interest is charged at 10% p.a.

Srikumar provides depreciation @ 25% on the diminishing balances.

On 31.3.2019 Srikumar failed to pay the 3rd installment upon which 'Fair Value Motors Pvt. Ltd.' repossessed 1 car. Srikumar agreed to leave one car with Fair Value Motors Pvt. Ltd. and adjusted the value of the car against the amount due. The car taken over was valued on the basis of 40% depreciation annually on written down basis. The balance amount remaining in the vendor's account after the above adjustment was paid by Srikumar after 3 months with interest @ 20% p.a.

You are required to:

- (i) Calculate the cash price of the cars and the interest paid with each installment.
- (ii) Prepare Cars Account in the books of Srikumar assuming books are closed on March 31, every year.

Figures may be rounded off to the nearest rupee.

Investment Accounts

13. A Pvt. Ltd. follows the calendar year for accounting purposes. The company purchased 5,000 (nos.) 13.5% Convertible Debentures of Face Value of ₹ 100 each of P Ltd. on 1st May 2018 @ ₹ 105 on cum interest basis. The interest on these instruments is payable on 31st March & 30th September respectively. On August 1st 2018 the company again

purchased 2,500 of such debentures @ ₹ 102.50 each on cum interest basis. On 1st October, 2018 the company sold 2,000 Debentures @ ₹ 103 each. On 31st December, 2018 the company received 10,000 equity shares of ₹ 10 each in P Ltd. on conversion of 20% of its holdings. Interest for 3 months on converted debentures was also received on 31.12.2018. The market value of the debentures and equity shares as at the close of the year were ₹ 106 and ₹ 9 respectively. Prepare the Debenture Investment Account & Equity Shares Investment Account in the books of A Pvt. Ltd. for the year 2018 on Average Cost Basis.

Insurance Claim for loss of stock

14. On 2.6.2019 the stock of Mr. Black was destroyed by fire. However, following particulars were furnished from the records saved:

| | ₹ |
|--|----------|
| Stock at cost on 1.4.2018 | 1,35,000 |
| Stock at 90% of cost on 31.3.2019 | 1,62,000 |
| Purchases for the year ended 31.3.2019 | 6,45,000 |
| Sales for the year ended 31.3.2019 | 9,00,000 |
| Purchases from 1.4.2019 to 2.6.2019 | 2,25,000 |
| Sales from 1.4.2019 to 2.6.2019 | 4,80,000 |

Sales up to 2.6.2019 includes ₹ 75,000 being the goods not dispatched to the customers. The sales (invoice) price is ₹ 75,000.

Purchases up to 2.6.2019 includes a machinery acquired for ₹ 15,000.

Purchases up to 2.6.2019 does not include goods worth ₹ 30,000 received from suppliers, as invoice not received up to the date of fire. These goods have remained in the godown at the time of fire. The insurance policy is for ₹ 1,20,000 and it is subject to average clause. Ascertain the amount of claim for loss of stock.

Issues in Partnership Accounts

15. Laurel and Hardy are partners of the firm LH & Co., from 1.4.2013. Initially both of them contributed ₹ 1,00,000 each as capital. They did not contribute any capital thereafter. They maintain accounts of the firm on mercantile basis. They were sharing profits and losses in the ratio of 5:4. After the accounts for the year ended 31.3.2017 were finalized, the partners decided to share profits and losses equally with effect from 1.4.2013.

It was also discovered that in ascertaining the results in the earlier years certain adjustments, details of which are given below, had not been noted.

| Year ended 31 st March | 2014 | 2015 | 2016 | 2017 |
|---|----------|----------|----------|----------|
| | ₹ | ₹ | ₹ | ₹ |
| Profit as per accounts prepared and finalized | 1,40,000 | 2,60,000 | 3,20,000 | 3,60,000 |
| Expenses not provided for (as at 31 st March) | 30,000 | 20,000 | 36,000 | 24,000 |
| Incomes not taken into account (as at 31 st March) | 18,000 | 15,000 | 12,000 | 21,000 |

The partners decided to admit Chaplin as a partner with effect from 1.4.2017. It was decided that Chaplin would be allotted 20% share in the firm and he must bring 20% of the combined capital of Laurel and Hardy.

Following is the Balance sheet of the firm as on 31.3.2017 before admission of Chaplin and before adjustment of revised profits between Laurel and Hardy.

Balance Sheet of LH & Co. as at 31.3.2017

| Liabilities | ₹ | Assets | ₹ |
|-------------------|----------|---------------------|----------|
| Capital Accounts: | | Plant and machinery | 60,000 |
| Laurel | 2,11,500 | Cash on hand | 10,000 |
| Hardy | 1,51,500 | Cash at bank | 5,000 |
| Trade Payables | 2,27,000 | Stock in trade | 3,10,000 |
| | | Trade Receivables | 2,05,000 |
| | 5,90,000 | | 5,90,000 |

You are required to prepare:

- Profit and Loss Adjustment account;
- Capital accounts of the partners; and
- Balance Sheet of the firm after the admission of Chaplin.

Accounting in Computerized Environment

- A large size hospital decided to outsource the accounting functions. Hospital invited proposals from vendors through open tender and received three proposals. How will you select the vendor?

Applicability of Accounting Standards

AS 1 Disclosure of Accounting Policies

- (a) State whether the following statements are 'True' or 'False'. Also give reason for your answer.

- (i) Certain fundamental accounting assumptions underline the preparation and presentation of financial statements. They are usually specifically stated because their acceptance and use are not assumed.
- (ii) If fundamental accounting assumptions are not followed in presentation and preparation of financial statements, a specific disclosure is not required.
- (iii) All significant accounting policies adopted in the preparation and presentation of financial statements should form part of the financial statements.
- (iv) Any change in an accounting policy, which has a material effect should be disclosed. Where the amount by which any item in the financial statements is affected by such change is not ascertainable, wholly or in part, the fact need not to be indicated.
- (v) There is no single list of accounting policies which are applicable to all circumstances.

AS 2 Valuation of Inventories

- (b) Hello Ltd. purchased goods at the cost of ₹ 20 lakhs in October. Till the end of the financial year, 75% of the stocks were sold. The Company wants to disclose closing stock at ₹ 5 lakhs. The expected sale value is ₹ 5.5 lakhs and a commission at 10% on sale is payable to the agent. You are required to ascertain the value of closing stock?

AS 3 Cash Flow Statements

18. (a) Intelligent Ltd., a non-financial company has the following entries in its Bank Account. It has sought your advice on the treatment of the same for preparing Cash Flow Statement.
- (i) Loans and Advances given to the following and interest earned on them:
 - (1) to suppliers
 - (2) to employees
 - (3) to its subsidiaries companies
 - (ii) Investment made in subsidiary Smart Ltd. and dividend received
 - (iii) Dividend paid for the year
 - (iv) TDS on interest income earned on investments made
 - (v) TDS on interest earned on advance given to suppliers
- Discuss in the context of AS 3 Cash Flow Statement.

Depreciation Accounting as per AS 10 Property, Plant and Equipment

- (b) In the year 2016-17, an entity has acquired a new freehold building with a useful life of 50 years for ₹ 90,00,000. The entity desires to calculate the depreciation charge per annum using a straight-line method. It has identified the following components (with no residual value of lifts & fixtures at the end of their useful life) as follows:

| Component | Useful life (Years) | Cost |
|-----------------------|---------------------|--------------------|
| Land | Infinite | ₹ 20,00,000 |
| Roof | 25 | ₹ 10,00,000 |
| Lifts | 20 | ₹ 5,00,000 |
| Remainder of building | 50 | ₹ 55,00,000 |
| | | <u>₹ 90,00,000</u> |

Calculate depreciation for the year 2016-17 as per componentization method. After 25 years, when the roof will require replacement at the end of its useful life, the carrying amount will be nil and the cost of replacing the roof will be recognized as a new component.

AS 7 Construction Contracts

19. (a) On 1st December, 2018, "Sampath" Construction Company Limited undertook a contract to construct a building for ₹ 108 lakhs. On 31st March, 2019 the company found that it had already spent ₹ 83.99 lakhs on the construction. A prudent estimate of additional cost for completion was ₹ 36.01 lakhs.

You are required to compute the amount of provision for foreseeable loss, which must be made in the Final Accounts for the year ended 31st March, 2019 based on AS 7 "Accounting for Construction Contracts."

AS 9 Revenue Recognition

- (b) The Board of Directors decided on 31.3.2019 to increase the sale price of certain items retrospectively from 1st January, 2019. In view of this price revision with effect from 1st January 2019, the company has to receive ₹ 15 lakhs from its customers in respect of sales made from 1st January, 2019 to 31st March, 2019. Accountant cannot make up his mind whether to include ₹ 15 lakhs in the sales for 2018-2019. Advise.

AS 10 Property, Plant and Equipment

20. (a) Shrishti Ltd. contracted with a supplier to purchase machinery which is to be installed in its Department A in three months' time. Special foundations were required for the machinery which were to be prepared within this supply lead time. The cost of the site preparation and laying foundations were ₹ 1,41,870. These activities were supervised by a technician during the entire period, who is employed for this purpose of ₹ 45,000

per month. The technician's services were given by Department B to Department A, which billed the services at ₹ 49,500 per month after adding 10% profit margin.

The machine was purchased at ₹ 1,58,34,000 inclusive of IGST @ 12% for which input credit is available to Shrishti Ltd. ₹ 55,770 transportation charges were incurred to bring the machine to the factory site. An Architect was appointed at a fee of ₹ 30,000 to supervise machinery installation at the factory site.

Ascertain the amount at which the Machinery should be capitalized under AS 10 considering that IGST credit is availed by the Shristhi Limited. Internally booked profits should be eliminated in arriving at the cost of machine.

AS 13 Accounting for Investments

- (b) Z Bank has classified its total investment on 31-3-2018 into three categories (a) held to maturity (b) available for sale (c) held for trading as per the RBI Guidelines.

'Held to maturity' investments are carried at acquisition cost less amortized amount. 'Available for sale' investments are carried at marked to market. 'Held for trading' investments are valued at weekly intervals at market rates. Net depreciation, if any, is charged to revenue and net appreciation, if any, is ignored. Comment whether the policy of the bank is in accordance with AS 13?

SUGGESTED ANSWERS/HINTS

1. (a)

Oliva Company Ltd.

Statement of Profit and loss for the year ended 31.03.2019

(₹)

| | Particulars | Note | Amount |
|-----|---|------|------------------|
| I | Revenue from operations | | 17,10,000 |
| II | Other income (3,900 +300) | | <u>4,200</u> |
| III | Total Revenue (I +II) | | <u>17,14,200</u> |
| IV | Expenses: | | |
| | Cost of materials consumed | 10 | 12,64,200 |
| | Purchases of inventory-in-trade | | -- |
| | Changes in inventories of finished goods, work-in-progress and inventory-in-Trade | 11 | (13,500) |
| | Employee benefit expenses | 12 | 44,700 |
| | Finance costs | | -- |
| | Depreciation and amortization expenses | | 18,240 |

| | | | |
|-------------|---|----|------------------|
| | Other expenses | 13 | <u>3,51,510</u> |
| | Total Expenses | | <u>16,65,150</u> |
| V | Profit before exceptional and extraordinary items and tax | | 49,050 |
| VI | Exceptional items | | -- |
| VII | Profit before extraordinary items and tax | | 49,050 |
| VIII | Extraordinary items | | -- |
| IX | Profit before tax | | 49,050 |
| X | Tax expense (40% of 49,050) | | 19,620 |
| XI | Profit/Loss for the period from continuing operations | | 29,430 |

Oliva Company Ltd.
Balance Sheet for the year ended 31.03.2019

| | Particulars | Note | Amount |
|------------|---------------------------------|------|-----------------|
| 1 | Equity and Liabilities | | |
| | (i) Shareholders' funds | | |
| | (a) Share Capital | | 3,15,000 |
| | (b) Reserves and surplus | 1 | 50,430 |
| 2) | Non-current liabilities | | |
| | (a) Long-term borrowings | 2 | 23,300 |
| (3) | Current Liabilities | | |
| | (a) Short-term borrowings | 3 | 6,000 |
| | (b) Trade payables | | 3,27,000 |
| | (c) Other current liability | 4 | 73,000 |
| | (d) Short term provision | 5 | <u>19,620</u> |
| | | | <u>8,14,350</u> |
| II | ASSETS | | |
| (1) | Non current assets | | |
| | (a) Property, Plant & equipment | | |
| | (i) Tangible assets | 6 | 2,04,160 |
| | (b) Non-current investments | | 7,500 |
| (2) | Current assets | | |
| | (a) Current investments | | 4,500 |
| | (b) Inventories | 7 | 85,800 |

| | | | |
|-----------------------------------|---|--|-----------------|
| (c) Trade receivables | | | 2,38,500 |
| (d) Cash and cash equivalents | | | 2,71,100 |
| (e) Short-term loans and advances | 8 | | 2,490 |
| (f) Other current assets | 9 | | <u>300</u> |
| | | | <u>8,14,350</u> |

Notes to accounts

| No | Particulars | | Amount | Amount |
|----|--|----------------|-----------------|--------|
| 1. | Reserve & Surplus | | | |
| | Profit & Loss Account: Balance b/f | | 48,000 | |
| | Net Profit for the year | | 29,430 | |
| | Less: Interim Dividend including DDT | | <u>(27,000)</u> | 50,430 |
| 2. | Long term borrowings | | | |
| | Secured loans (21,000 less current maturities 1,000) | | 20,000 | |
| | Fixed Deposits: Unsecured | | <u>3,300</u> | 23,300 |
| 3. | Short term borrowings | | | |
| | Secured loans | | 4,500 | |
| | Fixed Deposits -Unsecured | | <u>1,500</u> | 6,000 |
| 4. | Other current liabilities | | | |
| | Expenses Payable (67,500 + 4,500) | | 72,000 | |
| | Current maturities of long term borrowings | | <u>1,000</u> | 73,000 |
| 5. | Short term provisions | | | |
| | Provision for Income tax | | | 19,620 |
| 6. | Tangible Assets | | | |
| | Building | 1,01,000 | | |
| | Less: Depreciation @ 2% | <u>(2,020)</u> | 98,980 | |
| | Plant & Machinery | 70,400 | | |
| | Less: Depreciation @ 10% | <u>(7,040)</u> | 63,360 | |
| | Furniture | 10,200 | | |
| | Less: Depreciation @ 10% | <u>(1,020)</u> | 9,180 | |
| | Motor vehicles | 40,800 | | |

| | | | | |
|-----|---|----------------|-----------------|--------------|
| | Less: Depreciation @ 20% | <u>(8,160)</u> | <u>32,640</u> | 2,04,160 |
| 7 | Inventory | | | |
| | Raw Material | | 25,800 | |
| | Finished goods | | <u>60,000</u> | 85,800 |
| 8. | Short term Loans & Advances | | | |
| | General Charges prepaid | | | <u>2,490</u> |
| 9. | Other Current Assets | | | |
| | Interest accrued | | | 300 |
| 10. | Cost of material consumed | | | |
| | Opening inventory of raw material | 30,000 | | |
| | Add: Purchases | 12,15,000 | | |
| | Stores & spare parts consumed | <u>45,000</u> | 12,90,000 | |
| | Less: Closing inventory | | <u>(25,800)</u> | 12,64,200 |
| 11. | Changes in inventory of Finished Goods & WIP | | | |
| | Closing Inventory of Finished Goods | | 60,000 | |
| | Less: Opening Inventory of Finished Goods | | <u>46,500</u> | 13,500 |
| 12. | Employee Benefit expenses | | | |
| | Salary & Wages (40,200 + 4,500) | | | 44,700 |
| 13. | Other Expenses | | | |
| | Manufacturing Expenses (2,70,000 + 67,500) | | 3,37,500 | |
| | General Charges (16,500 – 2,490) | | <u>14,010</u> | 3,51,510 |

(b) Computation of Effective Capital

| | ₹ |
|--|--------------------|
| Paid-up share capital- | |
| 15,000, 14% Preference shares | 15,00,000 |
| 1,20,000 Equity shares | 96,00,000 |
| Capital reserves (excluding revaluation reserve) | 45,000 |
| Securities premium | 50,000 |
| 15% Debentures | <u>65,00,000</u> |
| (A) | <u>1,76,95,000</u> |

| | | |
|---------------------------------------|-------|------------------|
| Investments | | 75,00,000 |
| Profit and Loss account (Dr. balance) | | <u>15,25,000</u> |
| | (B) | <u>90,25,000</u> |
| Effective capital | (A-B) | <u>86,70,000</u> |

2. **Cash flow Statement for the year ending 31st March, 2019**

| | | Particulars | ₹ | ₹ |
|-----|----|---|---------------|-----------------|
| 1 | | Cash Flow from Operating Activities | | |
| | A. | Closing balance as per Profit and Loss Account | | 27,000 |
| | | Less: Opening balance as per Profit and Loss Account | | (18,000) |
| | | Add: Dividend declared during the year | | 37,000 |
| | | Add: Interim dividend paid during the year | | 10,000 |
| | | Add: Transfer to reserve | | 10,000 |
| | | Add: Provision for Tax | | <u>32,000</u> |
| | B. | Net profit before taxation, and extra-ordinary item | | 98,000 |
| | C. | Add: Items to be added | | |
| | | Depreciation | 18,000 | |
| | | Loss on sale of Plant | 3,000 | |
| | | Goodwill written off | <u>13,000</u> | 34,000 |
| | D. | Less: Dividend Income | | <u>(1,500)</u> |
| | E. | Operating profit before working capital changes [B + C - D] | | 1,30,500 |
| | F. | Add: Decrease in Current Assets and Increase in Current Liabilities | | |
| | | Decrease in Inventories | 7,000 | |
| | | Increase in Trade Payables | <u>21,000</u> | 28,000 |
| | G. | Less: Increase in Trade Receivables | | <u>(33,000)</u> |
| | H. | Cash generated from operations (E+F-G) | | 1,25,500 |
| | I. | Less: Income taxes paid | | <u>(28,000)</u> |
| | J. | Net Cash from (used in) operating activities | | <u>97,500</u> |
| II. | | Cash Flows from investing activities: | | |
| | | Purchase of Plant | | (1,34,000) |
| | | Sale of Land | | 50,000 |

| | | | |
|------|--|---|-----------------|
| | | Sale of plant | 12,000 |
| | | Purchase of investments | (25,600) |
| | | Dividend Received | <u>2,100</u> |
| | | Net cash used in investing activities | <u>(95,500)</u> |
| III. | | Cash Flows from Financing Activities: | |
| | | Proceeds from issue of equity share capital | 1,00,000 |
| | | Redemption of preference shares | (50,000) |
| | | Interim Dividend (inclusive of DDT) paid | (10,000) |
| | | Final dividend (inclusive of DDT) paid | <u>(27,000)</u> |
| | | Net cash from financing activities | <u>13,000</u> |
| IV. | | Net increase in cash and cash equivalents (I+II+III) | 15,000 |
| V. | | Cash and cash equivalents at beginning of period | <u>17,000</u> |
| VI. | | Cash and cash equivalents at end of period (IV+V) | <u>32,000</u> |

1. **Land and Building Account**

| Particulars | ₹ | Particulars | ₹ |
|--|-----------------|--------------------|-----------------|
| To Balance b/d | 1,00,000 | By Bank A/c (Sale) | 50,000 |
| To Capital Reserve A/c (Profit on sale/revaluation) | 25,000 | By Balance c/d | 75,000 |
| | <u>1,25,000</u> | | <u>1,25,000</u> |

2. **Plant and Machinery Account**

| Particulars | ₹ | Particulars | ₹ |
|------------------------|-----------------|--|-----------------|
| To Balance b/d | 90,000 | By Depreciation A/c | 18,000 |
| To Bank A/c (Purchase) | 1,34,000 | By Bank A/c (sale) | 12,000 |
| | | By Profit and Loss A/c (Loss on sale) | 3,000 |
| | | By Balance c/d | <u>1,91,000</u> |
| | <u>2,24,000</u> | | <u>2,24,000</u> |

3. **Investments Account**

| Particulars | ₹ | Particulars | ₹ |
|--------------------|----------|-----------------------------|----------|
| To Balance b/d | 10,000 | By Bank A/c (Div. received) | 600 |

| | | | |
|-----------------------|---------------|----------------|---------------|
| To bank A/c (Purchase | <u>25,600</u> | By Balance c/d | <u>35,000</u> |
| | 35,600 | | 35,600 |

3. Pre-incorporation period is for two months, from 1st April, 2018 to 31st May, 2018. 10 months' period (from 1st June, 2018 to 31st March, 2019) is post-incorporation period.

**Statement showing calculation of profit/losses for
pre and post incorporation periods**

| | <i>Pre-Inc</i> ₹ | <i>Post Inc</i> ₹ |
|-----------------------------|---------------------|----------------------|
| Gross Profit | 50,000 | 4,00,000 |
| Bad debts Recovery | <u>14,000</u> | _____ |
| | 64,000 | 4,00,000 |
| Less: Salaries | 24,000 | 1,20,000 |
| Audit fees | - | 12,000 |
| Depreciation | 3,000 | 16,250 |
| Sales commission | 2,000 | 16,000 |
| Bad Debts (49,000 + 14,000) | 7,000 | 56,000 |
| Interest on Debentures | — | 36,000 |
| Rent | <u>4,000</u> | <u>34,400</u> |
| Net Profit | <u>24,000</u> | <u>1,09,350</u> |

* Pre-incorporation profit is a capital profit and will be transferred to Capital Reserve.

Working Notes:

- (i) Calculation of ratio of Sales

Sales from April to September = 6,00,000 (1,00,000 p.m. on average basis)

October to March = ₹ 12,00,000 (2,00,000 p.m. on average basis)

Thus, sales for pre-incorporation period = ₹ 2,00,000

post-incorporation period = ₹ 16,00,000

Sales are in the ratio of 1:8

- (ii) Gross profit, sales commission and bad debts written off have been allocated in pre and post incorporation periods in the ratio of Sales.
- (iii) Rent, salary are allocated on time basis.
- (iv) Interest on debentures is allocated in post incorporation period.
- (v) Audit fees charged to post incorporation period as relating to company audit.

- (vi) Depreciation of ₹ 18,000 divided in the ratio of 1:5 (time basis) and ₹ 1,250 charged to post incorporation period.
- (vii) Bad debt recovery of ₹ 14,000/- is allocated in pre-incorporation period, being sale made in 2015-16.

(viii) Rent

(₹ 38,400 – Additional rent for 6 months) ₹

[38,400- 14,400 (2,400 x 6) = ₹ 24,000 i.e. 2,000 per month]

1/4/18 -31/5/18 (2,000 x 2) = 4,000

1/6/18-31/3/19 – [(2,000 x 10) +14,400] = 34,400

38,400

4. Journal Entries in the books of Manoj Ltd.

| | | | ₹ | ₹ |
|-----------|--|--|----------|----------|
| 1-4-20X1 | Equity share final call A/c Dr. | | 5,40,000 | |
| | To Equity share capital A/c | | | 5,40,000 |
| | (For final calls of ₹ 2 per share on 2,70,000 equity shares due as per Board's Resolution dated....) | | | |
| 20-4-20X1 | Bank A/c Dr. | | 5,40,000 | |
| | To Equity share final call A/c | | | 5,40,000 |
| | (For final call money on 2,70,000 equity shares received) | | | |
| | Securities Premium A/c Dr. | | 75,000 | |
| | Capital Redemption Reserve A/c Dr. | | 1,20,000 | |
| | General Reserve A/c Dr. | | 3,60,000 | |
| | Profit and Loss A/c (b.f.) Dr. | | 1,20,000 | |
| | To Bonus to shareholders A/c | | | 6,75,000 |
| | (For making provision for bonus issue of one share for every four shares held) | | | |
| | Bonus to shareholders A/c Dr. | | 6,75,000 | |
| | To Equity share capital A/c | | | 6,75,000 |
| | (For issue of bonus shares) | | | |

Extract of Balance Sheet as at 30th April, 20X1 (after bonus issue)

| | ₹ |
|---|------------------|
| <u>Authorised Capital</u> | |
| 30,000 12% Preference shares of ₹ 10 each | 3,00,000 |
| 4,00,000 Equity shares of ₹ 10 each | <u>40,00,000</u> |
| <u>Issued and subscribed capital</u> | |
| 24,000 12% Preference shares of ₹10 each, fully paid | 2,40,000 |
| 3,37,500 Equity shares of ₹ 10 each, fully paid | 33,75,000 |
| (Out of the above, 67,500 equity shares @ ₹ 10 each were issued by way of bonus shares) | |
| <u>Reserves and surplus</u> | |
| Profit and Loss Account | 4,80,000 |

5.

In the books of Preet Limited**Journal Entries**

| | | ₹ | ₹ |
|-------|---|---|---|
| (i) | Equity Share Capital (₹ 100) A/c Dr. 20,00,000 To Share Surrender A/c 10,00,000 To Equity Share Capital (₹ 10) A/c 10,00,000 (Sub-division of 20,000 equity shares of ₹ 100 each into 2,00,000 equity shares of ₹ 10 each and surrender of 1,00,000 of such sub-divided shares as per capital reduction scheme) | | |
| (ii) | 15% Debentures A/c Dr. 3,00,000 Accrued Interest A/c (proportionate 50%) Dr. 45,000 To Reconstruction A/c 3,45,000 (Transferred 50% of the claims of the debenture holders to Reconstruction A/c in consideration of which 10% Preference shares are being issued, out of share surrender A/c as per capital reduction scheme) | | |
| (iii) | Trade payables A/c Dr. 1,04,000 To Reconstruction A/c 1,04,000 | | |

| | | | | |
|------|--|-----|-----------|-----------|
| | (Transferred claims of the trade payables to Reconstruction A/c, 25% of which is reduction and equity shares are issued in consideration of the balance amount) | | | |
| (iv) | Share Surrender A/c | Dr. | 10,00,000 | |
| | To 10% Preference Share Capital A/c | | | 2,00,000 |
| | To Equity Share Capital A/c | | | 78,000 |
| | To Reconstruction A/c | | | 7,22,000 |
| | (Issued preference and equity shares to discharge the claims of the debenture holders and the trade payables respectively as per scheme and the balance in share surrender account is transferred to reconstruction account) | | | |
| (v) | Reconstruction A/c | Dr. | 11,71,000 | |
| | To Profit & Loss A/c | | | 11,60,000 |
| | To Capital Reserve A/c | | | 11,000 |
| | (Adjusted debit balance of profit and loss account against reconstruction account and the balance is transferred to Capital Reserve account) | | | |

Preet Limited (and reduced)**Balance Sheet as on 31st March, 2019**

| Particulars | Notes No. | ₹ |
|-------------------------------|-----------|------------------|
| Equity and Liabilities | | |
| 1 Shareholders' funds | | |
| a) Share capital | 1 | 12,78,000 |
| b) Reserves and Surplus | 2 | 11,000 |
| 2 Non-current liabilities | | |
| Long-term borrowings | 3 | 3,00,000 |
| 3 Current liabilities | | |
| a) Other current liabilities | 4 | 45,000 |
| b) Short-term provisions | 5 | 72,000 |
| Total | | <u>17,06,000</u> |

| | | |
|--------------------------------|---|------------------|
| Assets | | |
| 1 Non-current assets | | |
| a) Property, Plant & Equipment | | |
| i) Tangible assets | 6 | 7,00,000 |
| 2 Current assets | | |
| a) Inventories | | 5,06,000 |
| b) Trade receivables | | 4,60,000 |
| c) Cash and cash equivalents | 7 | <u>40,000</u> |
| Total | | <u>17,06,000</u> |

Notes to Accounts

| | | ₹ |
|----|--|------------------|
| 1. | Share Capital | |
| | 1,07,800, Equity shares of ₹ 10 each | 10,78,000 |
| | 20,000, 10% Preference shares of ₹ 10 each | <u>2,00,000</u> |
| | | <u>12,78,000</u> |
| | (all the above shares are allotted as fully paid up pursuant to capital reduction scheme by conversion of equity shares) | |
| 2. | Reserves and Surplus | |
| | Capital Reserves | 11,000 |
| 3. | Long-term borrowings | |
| | Unsecured | |
| | 15% Debentures | 3,00,000 |
| 4. | Other current liabilities | |
| | Accrued Interest on 15% Debentures | 45,000 |
| 5. | Short-term provisions | |
| | Provision for income tax | 72,000 |
| 6. | Tangible assets | |
| | Machineries | 7,00,000 |
| 7. | Cash and cash equivalents | |
| | Balances with banks | 40,000 |

6. Calculation of Purchase Consideration

| | <i>P Ltd.</i> (₹) | <i>Q Ltd.</i> (₹) |
|---|----------------------|----------------------|
| Assets taken over: | | |
| Goodwill | 50,000 | 1,50,000 |
| Building | 1,00,000 | 1,90,000 |
| Plant & Machinery | 25,000 | 80,000 |
| Furniture & Fixtures | - | 35,000 |
| Inventories | 1,35,000 | 50,000 |
| Trade Receivables | - | 1,42,000 |
| Cash at Bank | - | 58,000 |
| | 3,10,000 | 7,05,000 |
| Less: Liabilities taken over | | |
| 8% Debentures | (1,21,000) | - |
| Trade Payables | - | (1,40,000) |
| Net Assets taken over | 1,89,000 | 5,65,000 |
| To be satisfied by issue of shares of PQ Ltd. of ₹ 10 each at par | 18,900 | 56,500 |

PQ Limited**Balance Sheet as at 1st April, 2019**

| <i>Particulars</i> | <i>Note No.</i> | <i>Amount (₹)</i> |
|----------------------------------|-----------------|-------------------|
| I. Equity and Liabilities | | |
| (1) Shareholder's Funds | | |
| (a) Share Capital | 1 | 7,54,000 |
| (b) Reserve & Surplus | 2 | 11,000 |
| (2) Non-current Liabilities | | |
| (a) Long term borrowings | 3 | 1,10,000 |
| (3) Current Liabilities | | |
| (a) Trade Payables | | 1,40,000 |
| Total | | 10,15,000 |

| | | |
|-------------------------------|---|------------------|
| II. Assets | | |
| (1) Non-current assets | | |
| Property, Plant & Equipment | | |
| Tangible | 4 | 4,30,000 |
| Intangible | 5 | 2,00,000 |
| (2) Current Assets | | |
| a) Inventories | | 1,85,000 |
| b) Trade Receivables | | 1,42,000 |
| c) Cash at Bank | | 58,000 |
| Total | | 10,15,000 |

Notes to Accounts:

| | | ₹ |
|---|---|-----------|
| 1 | Share Capital | |
| | Authorized | |
| | 1,00,000 shares of ₹ 10 each | 10,00,000 |
| | Issued, Subscribed and Paid up | |
| | 75,400 shares of ₹ 10 each | 7,54,000 |
| | (All the above shares are allotted as fully paid up pursuant to scheme of amalgamation without payments being received in cash) | |
| 2 | Reserve & Surplus | |
| | Securities Premium Account | 11,000 |
| 3 | Long term borrowings | |
| | 8 % Debentures | 1,10,000 |
| 4 | Tangible Fixed Assets | |
| | Building | |
| | P Ltd. 1,00,000 | |
| | Q Ltd. <u>1,90,000</u> | 2,90,000 |
| | Plant & Machinery | |
| | P Ltd. 25,000 | |
| | Q Ltd. <u>80,000</u> | 1,05,000 |

| | | | |
|---|-------------------------|-----------------|-----------------|
| 5 | Furniture & Fixture | | |
| | Q Ltd. | | 35,000 |
| | | | 4,30,000 |
| | Intangible Asset | | |
| | Goodwill | | |
| | P Ltd. | 50,000 | |
| | Q. Ltd. | <u>1,50,000</u> | <u>2,00,000</u> |

Working Note:**Computation of Securities Premium**

Debentures issued by PQ Ltd. to the existing debenture holders of P Ltd. at 10% premium.

Securities Premium = ₹ 1,10,000 × 10% = ₹ 11,000.

7.

Calculation of Average Due Date**Taking Base Date 21.07.2018**

| <i>Date of bill</i> | <i>Period</i> | <i>Due Date</i> | <i>Amount</i> | <i>Number of Days from Base Date</i> | <i>Product</i> |
|---------------------|---------------|-----------------|---------------|--------------------------------------|-----------------|
| | | | ₹ | | ₹ |
| 9.4.2018 | 4 months | 12.08.2018 | 3,000 | 22 | 66,000 |
| 18.4.2018 | 3 months | 21.07.2018 | 5,500 | 0 | 0 |
| 25.5.2018 | 6 months | 28.11.2018 | 3,000 | 130 | 3,90,000 |
| 5.6.2018 | 3 months | 8.09.2018 | <u>6,000</u> | 49 | <u>2,94,000</u> |
| | | | <u>17,500</u> | | <u>7,50,000</u> |

$$\text{Average Due Date} = 21\text{st July} + \frac{7,50,000}{17,500} = 21.7.2018 + 43 \text{ days} = 2.09.2018.$$

Since two new bills will be drawn, their due dates will be as follows:

First Bill- 1.7.2018 + 4 months = 4.11.2018;

Second Bill- 1.7.2018+ 6 months = 4.1.2019.

Interest to be charged in respect of the above bills:

1st bill = Interest will be charged on ₹ 10,000 @ 10% p.a. for 63 days (2.09.2018 to 4.11.2018)

$$= ₹ 10,000 \times 10\% \times 63/365 = ₹ 172.60$$

2nd bill = Interest will be charged on ₹ 7,500 (₹ 17,500 - 10,000) @ 10% p.a. for 124 days (2.09.2018 to 4.1.2019)

$$= ₹ 7,500 \times 10\% \times 124/365 = ₹ 254.80.$$

Therefore, the value of the two bills:

$$\text{First bill} = ₹ 10,000$$

$$\text{Second bill} = ₹ (7,500 + 172.60 + 254.80) = ₹ 7,927.4$$

8. **In the books of Mr. Perfect**
Mr. Smart in Account Current with Mr. Perfect
(Interest to 31st March, 2019 @ 12% p.a.)
(By means of product)

| Date 2019 | Particulars | Due Date | Amount ₹ | Days | Product | Date 2019 | Particulars | Due Date | Amount ₹ | Days | Product |
|--------------|--|-------------|---------------|------|------------------|--------------|---------------------------|-------------|---------------|------|------------------|
| Jan 12 | To Sales A/c | Feb. 1 | 30,000 | 58 | 17,40,000 | Jan. 1 | By Balance b/d | Jan. 1 | 3,500 | 90 | 3,15,000 |
| Jan 31 | To Sales A/c | Feb. 15 | 27,500 | 44 | 12,10,000 | Feb. 15 | By Cash A/c | Feb. 15 | 40,000 | 44 | 17,60,000 |
| Mar. 31 | To Interest 3,96,500/365 $\times \frac{12}{100}$ | | 130 | | | Feb. 20 | By Cash A/c | Feb. 20 | 7,500 | 39 | 2,92,500 |
| | | | | | | Mar. 10 | By Sales returns | Mar. 10 | 7,000 | 21 | 1,47,000 |
| | | | | | | Mar. 25 | By Cash A/c | Mar. 25 | 6,500 | 6 | 39,000 |
| Mar. 31 | To Balance c/d | | 6,870 | | | Mar. 31 | By Balance of products | | | | 3,96,500 |
| | | | <u>64,500</u> | | <u>29,50,000</u> | | | | <u>64,500</u> | | <u>29,50,000</u> |

9. **General Ledger Adjustment Account in Debtors Ledger**

| Date | Particulars | ₹ | Date | Particulars | ₹ |
|------------|---------------------------------|----------|------------|---------------------------------|----------|
| 01.04.2019 | To Balance b/d | 4,700 | 1.4.2019 | By Balance b/d | 1,79,100 |
| 01.04.2019 | To Debtors ledger | | 01.04.2019 | By Debtors ledger | |
| to | adjustment A/c: | | to | adjustment A/c: | |
| 30.4.2019 | Cash received | 8,62,850 | 30.4.2019 | Credit sales | 9,97,700 |
| | Sales Returns | 16,550 | | Cash paid for returns | 3,000 |
| | Bills receivable received | 47,500 | | Bills receivable dishonoured | 3,750 |
| | Transfer to creditors ledger | 8,000 | 30.04.2019 | By Balance c/d | 4,900 |

| | | | | | | | |
|------------|----|----------------------|-----|------------------|--|--|------------------|
| 30.04.2019 | To | Balance (bal.fig) | c/d | | | | |
| | | | | <u>2,48,850</u> | | | |
| | | | | <u>11,88,450</u> | | | <u>11,88,450</u> |

10.

Income and Expenditure Account**for the year ended 31st March, 2019**

| | ₹ | | ₹ |
|---|-----------------|-----------------------|-----------------|
| To Medicines consumed | | By Prescription fees | 3,30,000 |
| Purchases 1,22,500 | | By Visiting fees | 1,25,000 |
| Less: Closing Stock <u>(47,500)</u> | 75,000 | By Fees from lectures | 12,000 |
| To Motor car expense (60,000 x 2/3) | 40,000 | | |
| To Salaries (₹ 52,500 – ₹ 15,000) | 37,500 | | |
| To Rent for clinic | 30,000 | | |
| To General charges | 24,500 | | |
| To Interest on loan | 18,000 | | |
| To Excess of Income over Expenditure | <u>2,42,000</u> | | |
| | <u>4,67,000</u> | | <u>4,67,000</u> |

Capital Account**for the year ended 31st March, 2019**

| | ₹ | | ₹ |
|--|-----------------|-----------------------------|-----------------|
| To Drawings: | | By Cash/bank | 1,00,000 |
| Motor car expenses 20,000 | | By Cash/bank (pension) | 1,50,000 |
| Household expenses 90,000 | | By Net income from practice | 2,42,000 |
| Marriage expenses 1,07,500 | | (dерived from Income | |
| To Salary of domestic servants | 15,000 | and Expenditure A/c) | |
| To Household furniture | 12,500 | | |
| To Balance c/d | <u>2,47,000</u> | | |
| | <u>4,92,000</u> | | <u>4,92,000</u> |

Balance Sheet as on 31st March, 2019

| Liabilities | ₹ | Assets | ₹ |
|-------------|----------|--------------------|----------|
| Capital | 2,47,000 | Motor car | 1,60,000 |
| Loan | 1,50,000 | Surgical equipment | 1,25,000 |

| | | | |
|--|-----------------|--------------------|-----------------|
| | | Stock of medicines | 47,500 |
| | | Cash at bank | 55,000 |
| | | Cash in hand | <u>9,500</u> |
| | <u>3,97,000</u> | | <u>3,97,000</u> |

11.

In the Books of Moonlight Traders
Trading Account for the year ended 31.03.2019

| <i>Particulars</i> | ₹ | <i>Particulars</i> | ₹ |
|---------------------------------------|------------------|--------------------|------------------|
| To Opening Stock A/c (Bal. fig.) | 1,65,000 | By Sales (W.N.1) | 12,50,000 |
| To Purchases (W.N.2) | 9,00,000 | By Closing Stock | 65,000 |
| To Gross profit (12,50,000x25/125) | <u>2,50,000</u> | | |
| | <u>13,15,000</u> | | <u>13,15,000</u> |

Profit and Loss Account for the year ended 31.03.2019

| <i>Particulars</i> | ₹ | <i>Particulars</i> | ₹ |
|--|-----------------|--------------------|-----------------|
| To Discount | 5,500 | By Gross profit | 2,50,000 |
| To Salaries Expenses | 32,000 | By Discount | 4,500 |
| To Office expenses (W.N.3) | 37,000 | | |
| To Selling expenses | <u>15,000</u> | | |
| | 84,000 | | |
| To Interest on loan (12% on ₹1,60,000) | 19,200 | | |
| To Bad debts (2% of ₹2,25,000) | 4,500 | | |
| To Loss on sale of Machinery | 15,000 | | |
| To Depreciation: | | | |
| Land & Building | 25,000 | | |
| Plant & Machinery(W.N 4b) | 23,750 | | |
| Office Equipment (W.N. 5) | <u>12,750</u> | | |
| | 61,500 | | |
| To Net profit after tax | <u>64,800</u> | | |
| | <u>2,54,500</u> | | <u>2,54,500</u> |

Balance sheet as on 31.3.2019

| <i>Liabilities</i> | ₹ | ₹ | <i>Assets</i> | ₹ |
|--------------------|----------|---|--|----------|
| Capital (W.N. 6) | 8,95,500 | | Land and Building (5,00,000-25,000) | 4,75,000 |

| | | | | |
|----------------------------------|---------------|------------------|---|------------------|
| Add: Net Profit | <u>64,800</u> | 9,60,300 | Plant and Machinery (W.N.4a) (3,30,000-21,750) | 3,08,250 |
| Creditors for Purchases (W.N. 8) | | 1,05,500 | Office Equipment (85,000-12,750) | 72,250 |
| Outstanding expenses | | 15,000 | Debtors less Bad debts (W.N. 7) | 2,20,500 |
| Loan from SBI | | 1,00,000 | Stock | 65,000 |
| | | | Bank Balance (W.N. 9) | 39,800 |
| | | <u>11,80,800</u> | | <u>11,80,800</u> |

Working Notes:**1. Calculation of Total Sales**

| | ₹ |
|--------------------------------------|-----------|
| Cash Sales | 2,50,000 |
| Credit Sales (80% of total sales) | |
| Cash Sales (20% of total sales) | |
| Thus total Sales (2,50,000 x 100/20) | 12,50,000 |
| Credit Sales (12,50,000 x 80/100) | 10,00,000 |

2. Calculation of Total Purchases

| | ₹ |
|---|----------|
| Credit Purchases | 5,40,000 |
| Cash Purchases (40% of total purchases) | |
| Credit Purchases (60% of total purchases) | |
| Thus total Purchases (5,40,000 x 100/60) | 9,00,000 |
| Cash Purchases 9,00,000 x 40/100) | 3,60,000 |

3. Office Expenses Account

| | ₹ | | ₹ |
|----------------|---------------|----------------------|---------------|
| To Bank A/c | 42,000 | By Balance b/d | 20,000 |
| To Balance c/d | 15,000 | By Profit & loss A/c | 37,000 |
| | <u>57,000</u> | | <u>57,000</u> |

4. (a) **Plant and Machinery Account**

| | ₹ | | ₹ |
|--------------------|-----------------|--------------------|-----------------|
| To Opening balance | 2,20,000 | By Sale | 40,000 |
| To Purchases | <u>1,50,000</u> | By Closing Balance | <u>3,30,000</u> |
| | <u>3,70,000</u> | | <u>3,70,000</u> |

(b) **Depreciation calculations on Plant & Machinery**

| | ₹ |
|--|---------------|
| Depreciation on 1,80,000 x 10% (for full year) | 18,000 |
| 1,50,000 x 10% x 3/12 (for 3 months) | 3,750 |
| 40,000 x 10% x 6/12 (for 6 months) | <u>2,000</u> |
| | <u>23,750</u> |

(c) **Sale of Machinery Account**

| | Amount (₹) | | Amount (₹) |
|----------------------|---------------|------------------------|---------------|
| To Plant & Machinery | 40,000 | By Depreciation | 2,000 |
| | | By Profit and Loss A/c | 15,000 |
| | | By Bank | <u>23,000</u> |
| | <u>40,000</u> | | <u>40,000</u> |

5. **Depreciation calculations on Office Equipments**

| | ₹ |
|---|---------------|
| Opening Balance | 1,05,000 |
| Less: Closing Balance | <u>85,000</u> |
| Sale of Office Equipments | <u>20,000</u> |
| Balance of Office Equipments after sale | <u>85,000</u> |
| Depreciation @15% | <u>12,750</u> |

6. **Opening Balance Sheet as on 31.03.2018**

| | ₹ | | ₹ |
|---------------------|----------|-------------------|----------|
| Creditors | 95,000 | Land & Building | 5,00,000 |
| Creditor for Exp. | 20,000 | Plant & Machinery | 2,20,000 |
| Loan | 1,60,000 | Office Equipment | 1,05,000 |
| Capital (Bal. fig.) | 8,95,500 | Debtors | 1,55,500 |

| | | | |
|--|-----------|-------|-----------|
| | | Stock | 1,65,000 |
| | | Bank | 25,000 |
| | 11,70,500 | | 11,70,500 |

7. **Sundry Debtors A/c**

| | ₹ | | ₹ |
|----------------|-----------|--------------|-----------|
| To Balance b/d | 1,55,500 | By Bank | 9,25,000 |
| To Sales | 10,00,000 | By Discount | 5,500 |
| | | By Bad debts | 4,500 |
| | | By Bal. c/d | 2,20,500 |
| | 11,55,500 | | 11,55,500 |

8. **Sundry Creditors A/c**

| | ₹ | | ₹ |
|----------------|----------|----------------|----------|
| To Bank | 5,25,000 | By Balance b/d | 95,000 |
| To Discount | 4,500 | By Purchases | 5,40,000 |
| To Balance c/d | 1,05,500 | | |
| | 6,35,000 | | 6,35,000 |

9. **Bank Account**

| | ₹ | | ₹ |
|-----------------------------------|-----------|--------------------------|-----------|
| To Balance b/d | 25,000 | By Creditors | 5,25,000 |
| To Debtors | 9,25,000 | By Office Expenses | 42,000 |
| To Cash Sales | 2,50,000 | By Salary Expense | 32,000 |
| To Sale of Machinery (W.N. 4c) | 23,000 | By Selling Expenses | 15,000 |
| To Sale of equipment | 20,000 | By Purchases (cash) | 3,60,000 |
| | | By Purchase of Machinery | 1,50,000 |
| | | By Bank Loan & Interest | 79,200 |
| | | By Balance c/d | 39,800 |
| | 12,43,000 | | 12,43,000 |

12. (i) Calculation of Interest and Cash Price

| No. of installments | Outstanding balance at the end after the payment of installment | Amount due at the time of installment | Outstanding balance at the end before the payment of installment | Interest | Outstanding balance at the beginning |
|---------------------|---|---------------------------------------|--|---------------------------------|--------------------------------------|
| [1] | [2] | [3] | [4] = 2 + 3 | [5] = $4 \times \frac{10}{110}$ | [6] 4-5 |
| 3 rd | - | 5,50,000 | 5,50,000 | 50,000 | 5,00,000 |
| 2 nd | 5,00,000 | 4,90,000 | 9,90,000 | 90,000 | 9,00,000 |
| 1 st | 9,00,000 | 4,20,000 | 13,20,000 | 1,20,000 | 12,00,000 |

Total cash price = ₹ 12,00,000+ 6,00,000 (down payment) = ₹ 18,00,000.

(ii) In the books of Srikumar
Cars Account

| Date | Particulars | ₹ | Date | Particulars | ₹ |
|----------|--------------------------|-----------|-----------|---|-----------|
| 1.4.2016 | To Fair Value Motors A/c | 18,00,000 | 31.3.2017 | By Depreciation A/c | 4,50,000 |
| | | | | By Balance c/d | 13,50,000 |
| | | 18,00,000 | | | 18,00,000 |
| 1.4.2017 | To Balance b/d | 13,50,000 | 31.3.2018 | By Depreciation A/c | 3,37,500 |
| | | | | By Balance c/d | 10,12,500 |
| | | 13,50,000 | | | 13,50,000 |
| 1.4.2018 | To Balance b/d | 10,12,500 | 31.3.2019 | By Depreciation A/c | 2,53,125 |
| | | | | By Fair Value Motors A/c (Value of 1 Car taken over after depreciation for 3 years @ 40% p.a.) [9,00,000 - (3,60,000+2,16,000+1,29,600)] | 1,94,400 |
| | | | | By Loss on surrender transferred to Profit and Loss A/c (Bal. fig.) | 1,85,288 |
| | | | | By Balance c/d $\frac{1}{2} (10,12,500 - 2,53,125)$ | 3,79,687 |
| | | 10,12,500 | | | 10,12,500 |

13.

Books of A Pvt. Ltd.**Investment in 13.5% Convertible Debentures in P Ltd. Account****(Interest payable 31st March & 30th September)**

| Date | Particulars | Nominal | Interest | Amount | Date | Particulars | Nominal | Interest | Amount |
|---------|-------------|-----------------|---------------|-----------------|----------|------------------------|-----------------|---------------|-----------------|
| | | ₹ | ₹ | ₹ | | | ₹ | ₹ | ₹ |
| 2018 | | | | | 2018 | | | | |
| May 1 | To Bank | 5,00,000 | 5,625 | 5,19,375 | Sept. 30 | By Bank (6 months Int) | | 50,625 | |
| Aug. 1 | To Bank | 2,50,000 | 11,250 | 2,45,000 | Oct 1 | By Bank | 2,00,000 | | 2,06,000 |
| Oct 1 | To P&L A/c | | | 2,167 | | | | | |
| Dec. 31 | To P&L A/c | | 52,313 | | Dec. 31 | By Equity share | 1,10,000 | | 1,12,108 |
| | | | | | Dec. 31 | By Bank (See note1) | | 3,713 | |
| | | | | | Dec. 31 | By Balance c/d | 4,40,000 | 14,850 | 4,48,434 |
| | | <u>7,50,000</u> | <u>69,188</u> | <u>7,66,542</u> | | | <u>7,50,000</u> | <u>69,188</u> | <u>7,66,542</u> |

Note 1: ₹ 3,713 received on 31.12.2018 represents interest on the debentures converted till date of conversion.

Note 2: Cost being lower than Market Value the debentures are carried forward at Cost.

Investment in Equity shares in P Ltd. Account

| Date | Particulars | Nominal | Amount | Date | Particulars | Nominal | Amount |
|--------|---------------|-----------------|-----------------|--------|-------------|-----------------|-----------------|
| | | ₹ | ₹ | | | ₹ | ₹ |
| 2018 | | | | 2018 | | | |
| Dec 31 | To 13.5% Deb. | 1,00,000 | 1,12,108 | Dec.31 | By P&L A/c | | 22,108 |
| | | | | Dec.31 | By Bal. c/d | 1,00,000 | 90,000 |
| | | <u>1,00,000</u> | <u>1,12,108</u> | | | <u>1,00,000</u> | <u>1,12,108</u> |

Note 1: Cost being higher than Market Value the shares are carried forward at Market Value.

Working Notes:

- Interest paid on ₹ 5,00,000 purchased on May 1st, 2018 for the month of April 2018, as part of purchase price: $5,00,000 \times 13.5\% \times 1/12 = ₹ 5,625$
- Interest received on 30th Sept. 2018

$$\text{On ₹ 5,00,000} = 5,00,000 \times 13.5\% \times \frac{1}{2} = 33,750$$

$$\text{On ₹ 2,50,000} = 2,50,000 \times 13.5\% \times \frac{1}{2} = \underline{16,875}$$

Total ₹ 50,625

3. Interest paid on ₹ 2,50,000 purchased on Aug. 1st 2018 for April 2018 to July 2018 as part of purchase price:
 $2,50,000 \times 13.5\% \times 4/12 = ₹ 11,250$
4. Loss on Sale of Debentures
 Cost of acquisition
 $(₹ 5,19,375 + ₹ 2,45,000) \times ₹ 2,00,000 / ₹ 7,50,000 = 2,03,833$
 Less: Sale Price (2,000 x 103) = 2,06,000
 Profit on sale = ₹ 2,167
5. Interest on 1,100 Debentures (being those converted) for 3 months i.e. Oct-Dec. 2018
 $1,10,000 \times 13.5\% \times 3/12 = ₹ 3,713$
6. Cost of Debentures converted to Equity Shares
 $(₹ 5,19,375 + ₹ 2,45,000) \times 1,10,000 / 7,50,000 = ₹ 1,12,108$
7. Cost of Balance Debentures
 $(₹ 5,19,375 + ₹ 2,45,000) \times ₹ 4,40,000 / ₹ 7,50,000 = ₹ 4,48,434$
8. Interest on Closing Debentures for period Oct.- Dec. 2018 carried forward (accrued interest)
 $₹ 4,40,000 \times 13.5\% \times 3/12 = ₹ 14,850$

14.

In the books of Mr. Black

Trading Account for the year ended 31.3.2019

| | ₹ | | ₹ |
|------------------|------------------|---|------------------|
| To Opening Stock | 1,35,000 | By Sales | 9,00,000 |
| To Purchases | 6,45,000 | By Closing Stock at cost | 1,80,000 |
| To Gross Profit | 3,00,000 | $\left(1,62,000 \times \frac{100}{90}\right)$ | |
| | <u>10,80,000</u> | | <u>10,80,000</u> |

Memorandum Trading A/c
for the period from 1.4.2019 to 02.06.2019

| | ₹ | | ₹ |
|----------------------------|----------|--------------------------|----------|
| To Opening Stock (at cost) | 1,80,000 | By Sales | 4,80,000 |
| To Purchases 2,25,000 | | Less: Goods not | |
| Add: Goods received but | | dispatched <u>75,000</u> | 4,05,000 |

| | | | | |
|------------------------------|----------|----------|-------------------------------------|----------|
| invoice not received | 30,000 | | By Closing stock (Balancing figure) | 1,50,000 |
| | 2,55,000 | | | |
| Less: Machinery | 15,000 | 2,40,000 | | |
| To Gross Profit (Refer W.N.) | | 1,35,000 | | |
| | | 5,55,000 | | 5,55,000 |

Calculation of Insurance Claim

$$\text{Claim subject to average clause} = \left(\frac{\text{Actual loss of stock}}{\text{Value of stock on the date of fire}} \times \text{Amount of policy} \right)$$

$$= 1,20,000 \times \left(\frac{1,50,000}{1,50,000} \right) = ₹ 1,20,000$$

Working Note:

$$\text{G.P. ratio} = \frac{3,00,000}{9,00,000} \times 100 = 33\frac{1}{3}\%$$

$$\text{Amount of Gross Profit} = ₹ 4,05,000 \times 33\frac{1}{3}\% = ₹ 1,35,000$$

15. (i) Profit and Loss Adjustment Account*

| | ₹ | | ₹ |
|--|----------|--|----------|
| To Expenses not provided for (years 2014-2017) | 1,10,000 | By Income not considered (for years 2014-2017) | 66,000 |
| | | By Partners' capital accounts (loss) | |
| | | Laurel | 22,000 |
| | | Hardy | 22,000 |
| | 1,10,000 | | 1,10,000 |

(ii) Partners' Capital Accounts

| | Laurel ₹ | Hardy ₹ | Chaplin ₹ | | Laurel ₹ | Hardy ₹ | Chaplin ₹ |
|-------------------------|-------------|------------|--------------|----------------|-------------|------------|--------------|
| To P & L Adjustment A/c | 22,000 | 22,000 | - | By Balance b/d | 2,11,500 | 1,51,500 | - |
| To Hardy | 60,000 | | | By Laurel | - | 60,000 | - |

* It is assumed that expenses and incomes not taken into account in earlier years were fully ignored. Further, it has been considered that they are still outstanding and accrued on 1.4.2017.

| | | | | | | | |
|----------------|-----------------|-----------------|---------------|----------------|-----------------|-----------------|---------------|
| To Balance c/d | <u>1,29,500</u> | <u>1,89,500</u> | <u>63,800</u> | By Cash | - | - | 63,800 |
| | <u>2,11,500</u> | <u>2,11,500</u> | <u>63,800</u> | | <u>2,11,500</u> | <u>2,11,500</u> | <u>63,800</u> |
| | | | | By Balance b/d | 1,29,500 | 1,89,500 | 63,800 |

(iii)

Balance Sheet of LH & Co.**as on 1.4.2017****(After admission of Chaplin)**

| <i>Liabilities</i> | ₹ | <i>Assets</i> | ₹ |
|----------------------|-----------------|--------------------------------|-----------------|
| Capital accounts: | | Plant and machinery | 60,000 |
| Laurel | 1,29,500 | Trade receivables | 2,05,000 |
| Hardy | 1,89,500 | Stock in trade | 3,10,000 |
| Chaplin | 63,800 | Accrued income | 66,000 |
| Trade payables | 2,27,000 | Cash on hand (10,000 + 63,800) | 73,800 |
| Outstanding expenses | <u>1,10,000</u> | Cash at bank | <u>5,000</u> |
| | <u>7,19,800</u> | | <u>7,19,800</u> |

Working Notes:**1. Computation of Profit and Loss distributed among partners**

| | ₹ | | |
|---|-----------------|-----------------|------------------|
| Profit for the year ended 31.3.2014 | | | 1,40,000 |
| 31.3.2015 | | | 2,60,000 |
| 31.3.2016 | | | 3,20,000 |
| 31.3.2017 | | | <u>3,60,000</u> |
| Total Profit | | | <u>10,80,000</u> |
| | <i>Laurel</i> | <i>Hardy</i> | <i>Total</i> |
| | ₹ | ₹ | ₹ |
| Profit shared in old ratio i.e 5:4 | 6,00,000 | 4,80,000 | 10,80,000 |
| Profit to be shared as per new ratio i.e. 1:1 | <u>5,40,000</u> | <u>5,40,000</u> | <u>10,80,000</u> |
| Excess share | <u>60,000</u> | | |
| Deficit share | | <u>(60,000)</u> | |

Laurel to be debited by ₹ 60,000 and Hardy to be credited by ₹ 60,000.

2. Capital brought in by Chaplin

| | ₹ |
|--|-----------------|
| Capital to be brought in by Chaplin must be equal to 20% of the combined capital of Laurel and Hardy | |
| Capital of Laurel (2,11,500 – 22,000 – 60,000) | 1,29,500 |
| Capital of Hardy (1,51,500 – 22,000 + 60,000) | <u>1,89,500</u> |
| Combined Capital | <u>3,19,000</u> |
| 20% of the combined capital brought in by Chaplin (20% of ₹ 3,19,000) | <u>63,800</u> |

16. The proposals will be evaluated and vendor will be selected considering the following criteria:
1. Quantum of services provided and whether the same matches with the requirements of the hospital.
 2. Reputation and background of the vendor.
 3. Comparative costs of the various propositions.
 4. Organizational set up of the vendor particularly technical staffing to obtain services without inordinate delay.
 5. Assurance of quality, confidentiality and secrecy.
 6. Data storage and processing facilities.
17. (a) (i) **False;** As per AS 1 “Disclosure of Accounting Policies”, certain fundamental accounting assumptions underlie the preparation and presentation of financial statements. They are usually not specifically stated because their acceptance and use are assumed. Disclosure is necessary if they are not followed.
- (ii) **False;** As per AS 1, if the fundamental accounting assumptions, viz. Going Concern, Consistency and Accrual are followed in financial statements, specific disclosure is not required. If a fundamental accounting assumption is not followed, the fact should be disclosed.
- (iii) **True;** To ensure proper understanding of financial statements, it is necessary that all significant accounting policies adopted in the preparation and presentation of financial statements should be disclosed. The disclosure of the significant accounting policies as such should form part of the financial statements and they should be disclosed in one place.
- (iv) **False;** Any change in the accounting policies which has a material effect in the current period or which is reasonably expected to have a material effect in later periods should be disclosed. Where such amount is not ascertainable, wholly or

in part, the fact should be indicated.

- (v) **True;** As per AS 1, there is no single list of accounting policies which are applicable to all circumstances. The differing circumstances in which enterprises operate in a situation of diverse and complex economic activity make alternative accounting principles and methods of applying those principles acceptable.
- (b) As per para 5 of AS 2 "Valuation of Inventories", the inventories are to be valued at lower of cost or net realizable value.

In this case, the cost of inventory is ₹ 5 lakhs. The net realizable value is ₹ 4.95 lakhs (₹ 5.5 lakhs less cost to make the sale @ 10% of ₹ 5.5 lakhs). So, the closing stock should be valued at ₹ 4.95 lakhs.

18. (a) (i) Loans and advances given and interest earned

- | | |
|---------------------------------|---------------------|
| (1) to suppliers | Operating Cash flow |
| (2) to employees | Operating Cash flow |
| (3) to its subsidiary companies | Investing Cash flow |

(ii) Investment made in subsidiary company and dividend received

Investing Cash flow

(iii) Dividend paid for the year

Financing Cash Outflow

(iv) TDS on interest income earned on investments made

Investing Cash Outflow

(v) TDS on interest earned on advance given to suppliers

Operating Cash Outflow

(b) Statement showing amount of depreciation as per Componentization Method

| Component | Depreciation (Per annum) (₹) |
|-----------------------|---------------------------------|
| Land | Nil |
| Roof | 40,000 |
| Lifts | 25,000 |
| Remainder of Building | <u>1,10,000</u> |
| | <u>1,75,000</u> |

19. (a) Calculation of foreseeable loss for the year ended 31st March, 2019
(as per AS 7 "Construction Contracts")

| | (₹ in lakhs) |
|--|-----------------|
| Cost incurred till 31 st March, 2019 | 83.99 |
| Prudent estimate of additional cost for completion | <u>36.01</u> |
| Total cost of construction | 120.00 |
| Less: Contract price | <u>(108.00)</u> |
| Foreseeable loss | <u>12.00</u> |

According to para 35 of AS 7 (Revised 2002) "Construction Contracts", when it is probable that total contract costs will exceed total contract revenue; the expected loss should be recognized as an expense immediately. Therefore, amount of ₹12 lakhs is required to be provided for in the books of Sampath Construction Company for the year ended 31st March, 2019.

- (b) Price revision was effected during the current accounting period 2018-2019. As a result, the company stands to receive ₹ 15 lakhs from its customers in respect of sales made from 1st January, 2019 to 31st March, 2019. If the company is able to assess the ultimate collection with reasonable certainty, then additional revenue arising out of the said price revision may be recognised in 2018-2019 vide para 10 of AS 9.

20. (a) Calculation of Cost of Fixed Asset (i.e. Machinery)

| Particulars | | ₹ |
|------------------------------------|---|--------------------|
| Purchase Price | Given (₹ 158,34,000 x 100/112) | 1,41,37,500 |
| Add: Site Preparation Cost | Given | 1,41,870 |
| Technician's Salary | Specific/Attributable overheads for 3 months (See Note) (45,000 x3) | 1,35,000 |
| Initial Delivery Cost | Transportation | 55,770 |
| Professional Fees for Installation | Architect's Fees | 30,000 |
| Total Cost of Asset | | <u>1,45,00,140</u> |

- (b) As per AS 13 'Accounting for Investments', the accounting standard is not applicable to Bank, Insurance Company, Mutual Funds. In this case Z Bank is a bank, therefore, AS 13 does not apply to it. For banks, the RBI has issued separate guidelines for classification and valuation of its investment and Z Bank should comply with those RBI Guidelines/Norms. Therefore, though Z Bank has not followed the provisions of AS 13, yet it would not be said as non-compliance since, it is complying with the norms stipulated by the RBI.