

FOUNDATION COURSE

MOCK TEST PAPER

PAPER – 1: PRINCIPLES AND PRACTICE OF ACCOUNTING

Question No. 1 is compulsory.

Answer any **four** questions from the remaining **five** questions.

Wherever necessary, suitable assumptions should be made and disclosed by way of note forming part of the answer.

Working Notes should form part of the answer.

(Time allowed: 3 Hours)

(100 Marks)

1. (a) **State** with reasons whether the following statements are **True or False**:
- (i) When shares are forfeited, the share capital account is debited with called up capital of shares forfeited and the share forfeiture account is credited with calls in arrear of shares forfeited.
 - (iii) Accrual concept implies accounting on cash basis.
 - (iii) Finished goods are normally valued at cost or market price whichever is higher.
 - (iv) Discount at the time of retirement of a bill is a gain for the drawee.
 - (v) Partners can share profits or losses in their capital ratio, when there is no agreement.
 - (vi) Receipts and Payments Account highlights total income and expenditure.
- (6 Statements x 2 Marks = 12 Marks)**
- (b) Explain Cash and Mercantile system of accounting. **(4 Marks)**
- (c) Prepare Journal Entries for the following transactions in the books of Gamma Bros.
- (i) Employees had taken stock worth Rs. 10,000 (Cost price Rs. 7,500) on the eve of Deepawali and the same was deducted from their salaries in the subsequent month.
 - (ii) Wages paid for erection of Machinery Rs. 8,000.
 - (iii) Income tax liability of proprietor Rs. 1,700 was paid out of petty cash.
 - (iv) Purchase of goods from Naveen of the list price of Rs. 2,000. He allowed 10% trade discount, Rs. 50 cash discount was also allowed for quick payment. **(4 Marks)**
2. (a) M/s Kedar, Profit and loss account showed a net profit of Rs. 8,00,000, after considering the closing stock of Rs. 7,50,000 on 31st March, 2017. Subsequently the following information was obtained from scrutiny of the books:
- (i) Purchases for the year included Rs. 30,000 paid for new electric fittings for the shop.
 - (ii) M/s Kedar gave away goods valued at Rs. 80,000 as free samples for which no entry was made in the books of accounts.
 - (iii) Invoices for goods amounting to Rs. 5,00,000 have been entered on 27th March, 2017, but the goods were not included in stock.
 - (iv) In March, 2017 goods of Rs. 4,00,000 sold and delivered were taken in the sales for April, 2017.
 - (v) Goods costing Rs. 1,50,000 were sent on sale or return in March, 2017 at a margin of profit of 33-1/3% on cost. Though approval was given in April, 2017 these were taken as sales for March, 2017.

You are required to **determine** the adjusted net profit for the year ended on 31.3.2017 and calculate the value of stock on 31st March, 2017.

- (b) The M/s LG Transport purchased 10 trucks at Rs. 45,00,000 each on 1st April 2014. On October 1st, 2016, one of the trucks is involved in an accident and is completely destroyed and Rs. 27,00,000 is received from the insurance in full settlement. On the same date, another truck is purchased by the company for the sum of Rs. 50,00,000. The company write off 20% on the original cost per annum. The company observe the calendar year as its financial year.

You are required to prepare the motor truck account for two year ending 31 Dec, 2017.

(10 Marks +10 Marks = 20 Marks)

3. (a) On 1st January, 2018, X's account in Y's ledger showed a debit balance of Rs. 5,000. The following transactions took place between Y and X during the quarter ended 31st March, 2018:

| 2018 | | | Rs. |
|-------|----|--|--------|
| Jan. | 11 | Y sold goods to X | 6,000 |
| Jan. | 24 | Y received a promissory note from X due after 3 months | 5,000 |
| Feb. | 01 | X sold goods to Y | 10,000 |
| Feb. | 04 | Y sold goods to X | 8,200 |
| Feb. | 07 | X returned goods to Y | 1,000 |
| March | 01 | X sold goods to Y | 5,600 |
| March | 18 | Y sold goods to X | 9,200 |
| March | 23 | X sold goods to Y | 4,000 |

Accounts were settled on 31st March, 2018 by means of a cheque. Prepare an Account Current to be submitted by Y to X as on 31st March, 2018, taking interest into account @ 10% per annum. Calculate interest to the nearest multiple of a rupee.

- (b) Mr. B accepted a bill for Rs. 10,000 drawn on him by Mr. A on 1st August, 2017 for 3 months. This was for the amount which B owed to A. On the same date Mr. A got the bill discounted at his bank for Rs. 9,800.

On the due date, B approached A for renewal of the bill. Mr. A agreed on condition that Rs. 2,000 be paid immediately along with interest on the remaining amount at 12% p.a. for 3 months and that for the remaining balance B should accept a new bill for 3 months. These arrangements were carried through. On 31st December, 2017, B became insolvent and his estate paid 40%.

Prepare Journal Entries in the books of Mr. A

(10 Marks +10 Marks = 20 Marks)

4. (a) The Balance Sheet of a Partnership Firm M/s AB & Co consisted of two partners A and B who were sharing Profits and Losses in the ratio of 5 : 3 respectively. The position as on 31-03-2018 was as follows:

| Liabilities | Rs. | Assets | Rs. |
|-------------------|----------|-------------------|----------|
| A's Capital | 4,10,000 | Land & Building | 3,80,000 |
| B's Capital | 3,30,000 | Plant & Machinery | 1,70,000 |
| Profit & Loss A/c | 1,12,000 | Furniture | 1,09,480 |
| Trade Creditors | 54,800 | Stock | 1,45,260 |
| | | Sundry debtors | 60,000 |
| | | Cash at Bank. | 42,060 |
| | 9,06,800 | | 9,06,800 |

On the above date, C was admitted as a partner on the following terms:

- (a) C should get $\frac{1}{5}$ th of share of profits.
- (b) C brought Rs. 2,40,000 as his capital and Rs. 32,000 for his share of Goodwill.
- (c) Plant and Machinery would be depreciated by 15% and Land & Buildings would be appreciated by 40%.

A provision for doubtful debts to be created at 5% on sundry debtors.

An unrecorded liability of Rs. 6,000 for repairs to Buildings would be recorded in the books of accounts.

- (d) Immediately after C's admission, Goodwill brought by him would be adjusted among old partners. Thereafter, the capital accounts of old partners would be adjusted through the current accounts of partners in such a manner that the capital accounts of all the partners would be in their profit sharing ratio.

Prepare Revaluation A/c, Capital Accounts of the partners, New profit sharing ratio and Balance Sheet of the Firm after the admission of C.

- (b) Mr. Kotriwal is engaged in business of selling magazines. Several of his customers pay money in advance for subscribing his magazines. Information related to year ended 31st March 2017 has been given below:

On 1.4.2016 he had a balance of Rs.2,00,000 advance from customers of which Rs.1,50,000 is related to year 2016-17 while remaining pertains to year 2017-18. During the year 2016-17 he made cash sales of Rs. 5,00,000. You are required to compute:

- (i) Total income for the year 2016-17.
- (ii) Total money received during the year if the closing balance in Advance from customers Account is Rs. 1,70,000. **(12 Marks + 8 Marks = 20 Marks)**

- 5. (a) A doctor, after retiring from govt. service, started private practice on 1st April, 2017 with Rs. 20,000 of his own and Rs. 30,000 borrowed at an interest of 15% 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:

| | Rs. | | Rs. |
|---------------------|-----------------|---------------------------------|-----------------|
| Own capital | 20,000 | Medicines purchased | 24,500 |
| Loan | 30,000 | Surgical equipments | 25,000 |
| Prescription fees | 52,500 | Motor car | 32,000 |
| Gifts from patients | 13,500 | Motor car expenses | 12,000 |
| Visiting fees | 25,000 | Wages and salaries | 10,500 |
| Fees from lectures | 2,400 | Rent of clinic | 6,000 |
| Pension received | 30,000 | General charges | 4,900 |
| | | Household expenses | 18,000 |
| | | Household Furniture | 2,500 |
| | | Expenses on daughter's marriage | 21,500 |
| | | Interest on loan | 4,500 |
| | | Balance at bank | 11,000 |
| | | Cash in hand | <u>1,000</u> |
| | <u>1,73,400</u> | | <u>1,73,400</u> |

You are required to prepare his capital account and income and expenditure account for the year ended 31st March, 2018 and balance sheet as on that date. One-third of the motorcar expense may be treated as applicable to the private use of car and Rs. 3,000 of the wages and salaries are in respect of domestic servants.

The stock of medicines in hand on 31st March, 2018 was valued at Rs. 9,500.

- (b) From the information given below, calculate (i) Current Ratio and (ii) Debt to Equity Ratio:

Net Profit of the year Rs. 80,000, Fixed Assets Rs. 2,00,000; Closing Inventory Rs. 10,000; Other Current Assets Rs. 1,00,000; Current Liabilities Rs. 30,000; Share Capital Rs. 1,70,000; 12% Debenture Rs. 60,000. **(15 Marks + 5 Marks = 20 Marks)**

6. (a) Mohan Ltd. invited applications for 15 lakhs shares of Rs. 100 each payable as follows :

| | Rs. |
|-------------------------------------|-----|
| On Application | 20 |
| On Allotment (on 1st June, 2017) | 30 |
| On First Call (on 1st Nov., 2017) | 30 |
| On Final Call (on 1st March., 2018) | 20 |

All the shares were applied for and allotted. A shareholder holding 30,000 shares paid the whole of the amount due along with allotment.

You are required to **prepare** the journal entries for the above-mentioned transactions, assuming all sums due were received. Interest was paid to the shareholder concerned on 1st March, 2018.

- (b) Riya Limited issued 20,000 14% Debentures of the nominal value of Rs.1,00,00,000 as follows:

- (a) To sundry persons for cash at 90% of nominal value of Rs. 50,00,000.
(b) To a vendor for purchase of fixed assets worth Rs. 20,00,000 – Rs. 25,00,000 nominal value.
(c) To the banker as collateral security for a loan of Rs. 20,00,000 – Rs. 25,00,000 nominal value.

You are required to prepare necessary journal entries Journal Entries.

- (c) From the following particulars, **prepare** a Bank Reconciliation Statement for Pathak Ltd. As on 31.3.2017

- (1) Balance as per cash book is Rs. 1,20,000.
(2) Cheques issued but not presented in the bank amounts to Rs. 68,000.
(3) Bank charges amounts to Rs. 300.
(4) Interest credited by bank amounts to Rs. 1,500.

(10 + 5 + 5 = 20 Marks)

OR

- (c) Difference between Going Concern Concept and Cost Concept.

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ANSWERS

1. (a) (i) **False**- When shares are forfeited, the share capital account is debited with called up capital of shares forfeited and the share forfeiture account is credited with amount received on shares forfeited.
- (ii) **False**- Accrual concept implies accounting on 'due' or 'accrual' basis. Accrual basis of accounting involves recognition of revenues and costs as and when they accrue irrespective of actual receipts or payments.
- (iii) **False** - Finished goods are normally valued at cost or net realizable value whichever is lower.
- (iv) **True** - Discount at the time of retirement of a bill is a gain for the drawee and loss for the drawer.
- (v) **False** - According to Partnership Act, in the absence of any agreement to the contrary profits and losses are to be shared equally among partners.
- (vi) **False**- Receipts and payments account is a classified summary of cash receipts and payments over a certain period together with cash and bank balances at the beginning and close of the period.

(b) **Cash and mercantile system:** Cash system of accounting is a system by which a transaction is recognized only if cash is received or paid. In cash system of accounting, entries are made only when cash is received or paid, no entry being made when a payment or receipt is merely due. Cash system is normally followed by professionals, educational institutions or non-profit making organizations.

On the other hand, mercantile system of accounting is a system of classifying and summarizing transactions into assets, liabilities, equity (owner's fund), costs, revenues and recording thereof. A transaction is recognized when either a liability is created/ impaired and an asset is created /impaired. A record is made on the basis of amounts having become due for payment or receipt irrespective of the fact whether payment is made or received actually.

Mercantile system of accounting is generally accepted accounting system by business entities

(c) **Journal Entries in the books of Gamma Bros.**

| | <i>Particulars</i> | <i>Dr.</i> | <i>Cr.</i> |
|------|--|---------------|---------------|
| | | <i>Amount</i> | <i>Amount</i> |
| | | <i>(Rs.)</i> | <i>(Rs.)</i> |
| (i) | Salaries A/c To Purchase A/c (Being entry made for stock taken by employees) | 7,500 | 7,500 |
| (ii) | Machinery A/c To Cash A/c (Being wages paid for erection of machinery) | 8,000 | 8,000 |

| | | | |
|-------|---|-------|-------------|
| (iii) | Drawings A/c To Petty Cash A/c (Being the income tax of proprietor paid out of business money) | 1,700 | 1,700 |
| (iv) | Purchase A/c To Cash A/c To Discount Received A/c (Being the goods purchased from Naveen for Rs. 2,000 @ 10% trade discount and cash discount of Rs. 50) | 1,800 | 1,750 50 |

2. (a) **Profit and Loss Adjustment Account**

| | Rs. | | Rs. |
|--|------------------|---|------------------|
| To Advertisement (samples) | 80,000 | By Net profit | 8,00,000 |
| To Sales | 2,00,000 | By Electric fittings | 30,000 |
| (goods approved in April to be taken as April sales) | | By Samples | 80,000 |
| To Adjusted net profit | 16,80,000 | By Stock (Purchases of March not included in stock) | 5,00,000 |
| | | By Sales (goods sold in March wrongly taken as April sales) | 4,00,000 |
| | | By Stock (goods sent on approval basis not included in stock) | 1,50,000 |
| | <u>19,60,000</u> | | <u>19,60,000</u> |

Calculation of value of inventory on 31st March, 2017

| | Rs. |
|---|------------------|
| Stock on 31 st March, 2017 (given) | 7,50,000 |
| Add: Purchases of March, 2017 not included in the stock | 5,00,000 |
| Goods lying with customers on approval basis | <u>1,50,000</u> |
| | <u>14,00,000</u> |

(b) **Motor Truck A/c**

| Date | Particulars | Amount | Date | Particulars | Amount |
|-------------|---|--------------------|-------------|--------------------------------|--------------------|
| 2016 | | | 2016 | | |
| Jan-01 | To balance b/d | 2,92,50,000 | Oct-01 | By bank A/c | 27,00,000 |
| Oct-01 | To Profit & Loss A/c (Profit on settlement of Truck) | 4,50,000 | Oct-01 | By Depreciation on lost assets | 6,75,000 |
| Oct-01 | To Bank A/c | 50,00,000 | Dec-31 | By Depreciation A/c | 83,50,000 |
| | | | Dec-31 | By balance c/d | <u>2,29,75,000</u> |
| | | <u>3,47,00,000</u> | | | <u>3,47,00,000</u> |
| 2017 | | | 2017 | | |
| Jan-01 | To balance b/d | 2,29,75,000 | Dec-31 | By Depreciation A/c | 91,00,000 |
| | | | Dec-31 | By balance c/d | 1,38,75,000 |
| | | <u>2,29,75,000</u> | | | <u>2,29,75,000</u> |

Working Note:

| | |
|--|------------------|
| 1. To find out loss on Profit on settlement of truck | Rs. |
| Original cost as on 1.4.2014 | 45,00,000 |
| Less: Depreciation for 2014 | <u>6,75,000</u> |
| | 38,25,000 |
| Less: Depreciation for 2015 | <u>9,00,000</u> |
| | 29,25,000 |
| Less: Depreciation for 2016 (9 months) | <u>6,75,000</u> |
| | 22,50,000 |
| Less: Amount received from Insurance company | <u>27,00,000</u> |
| | <u>4,50,000</u> |

3. (a) **In the books of Y**
X in Account Current with Y
(Interest to 31st March, 2018 @ 10% p.a)

| Date | Particulars | Amount | Days | Product | Date | Particulars | Amount | Days | Product |
|--------|----------------|---------------|------|------------------|--------|--|---------------|------|------------------|
| 2018 | | Rs. | | Rs. | 2018 | | Rs. | | Rs. |
| Jan.1 | To Balance b/d | 5,000 | 90 | 4,50,000 | Jan.24 | By Promissory Note (due date 27 th April) | 5,000 | (27) | (1,35,000) |
| Jan.11 | To Sales | 6,000 | 79 | 4,74,000 | Feb. 1 | By Purchases | 10,000 | 58 | 5,80,000 |
| Feb. 4 | To Sales | 8,200 | 55 | 4,51,000 | Feb. 7 | By Sales Return | 1,000 | 52 | 52,000 |
| Mar.18 | To Sales | 9,200 | 13 | 1,19,600 | Mar. 1 | By Purchases | 5,600 | 30 | 1,68,000 |
| Mar.31 | To Interest | 219 | | | Mar.23 | By Purchases | 4,000 | 8 | 32,000 |
| | | | | | Mar.31 | By Balance of Products | | | 7,97,600 |
| | | | | | Mar.31 | By Bank | 3,019 | | |
| | | <u>28,619</u> | | <u>14,94,600</u> | | | <u>28,619</u> | | <u>14,94,600</u> |

Working Note:

Calculation of interest:

$$\text{Interest} = \frac{7,97,600}{365} \times \frac{10}{100} = \text{Rs. } 219 \text{ (approx.)}$$

(b). **Journal Entries in the Books of Mr. A**

| Date | | Particulars | L.F. | Dr. Amount Rs. | Cr. Amount Rs. |
|----------------|---|--|------|----------------|----------------|
| 2017 August | 1 | Bills Receivable A/c To B (Being the acceptance received from B to settle his account) | Dr. | 10,000 | 10,000 |

| | | | | | |
|----------|----|---|-----|--------|--------|
| August | 1 | Bank A/c | Dr. | 9,800 | |
| | | Discount A/c | Dr. | 200 | |
| | | To Bills Receivable | | | 10,000 |
| | | (Being the bill discounted for Rs. 9,800 from bank) | | | |
| November | 4 | B | Dr. | 10,000 | |
| | | To Bank Account | | | 10,000 |
| | | (Being the B's acceptance is to be renewed) | | | |
| November | 4 | B | Dr. | 240 | |
| | | To Interest Account | | | 240 |
| | | (Being the interest due from B for 3 months i.e., $8000 \times 3/12 \times 12\% = 240$) | | | |
| November | 4 | Cash A/c | Dr. | 2,240 | |
| | | Bills Receivable A/c | Dr. | 8,000 | |
| | | To B | | | 10,240 |
| | | (Being amount and acceptance of new bill received from B) | | | |
| December | 31 | B A/c | Dr. | 8,000 | |
| | | To Bills Receivable A/c | | | 8,000 |
| | | (Being B became insolvent) | | | |
| December | 31 | Cash A/c | Dr. | 3,200 | |
| | | Bad debts A/c | Dr. | 4,800 | |
| | | To B | | | 8,000 |
| | | (Being the amount received and written off on B's insolvency) | | | |

4. (a) **Revaluation Account**

| | Rs. | | Rs. |
|--|----------|------------------------|----------|
| To Plant & Machinery (1,70,000 x 15%) | 25,500 | By Land & Building A/c | 1,52,000 |
| To Provision for Bad & Doubtful Debts (60,000 x 5%) | 3,000 | | |
| To Outstanding Repairs to Building | 6,000 | | |
| To A's Capital A/c (5/8) | 73,438 | | |
| To B's Capital A/c (3/8) | 44,062 | | |
| | 1,52,000 | | 1,52,000 |

Capital Accounts of Partners

| | A | B | C | | A | B | C |
|--------------------|----------|----------|----------|----------------------|----------|----------|----------|
| To A's Capital A/c | - | - | 20,000 | By Balance b/d | 4,10,000 | 3,30,000 | - |
| To B's Capital A/c | | | 12,000 | By Revaluation A/c | 73,438 | 44,062 | - |
| To B's Current A/c | - | 68,062 | | By Profit & Loss A/c | 70,000 | 42,000 | - |
| To Balance c/d | 6,00,000 | 3,60,000 | 2,40,000 | By Bank | - | - | 2,72,000 |
| | | | | By C's Capital A/c | 20,000 | 12,000 | - |
| | | | | By A's Current A/c | 26,562 | - | - |
| | 6,00,000 | 4,28,062 | 2,72,000 | | 6,00,000 | 4,28,062 | 2,72,000 |

Calculation of New Profit Sharing Ratio and gaining ratio:

C's Share of Profit = $1/5 = 2/10$

Remaining Share = $1 - 1/5 = 4/5$

A's Share = $5/8 \times 4/5 = 20/40 = 5/10$

B's Share = $3/8 \times 4/5 = 12/40 = 3/10$

New Profit sharing Ratio = 5:3:2

Gaining ratio = 5:3 (same as old profit sharing ratio among old partners)

Balance sheet of AB & Co. as on 31.3.2018

| Liabilities | | Rs. | Assets | | |
|---------------------------------|-----------------|------------------|--------------------|---------------|------------------|
| Capital Accounts: | | | Land & Buildings | | 5,32,000 |
| A | 6,00,000 | | Plant & Machinery | 1,70,000 | |
| B | 3,60,000 | | Less: Depreciation | <u>25,500</u> | 1,44,500 |
| C | <u>2,40,000</u> | 12,00,000 | Furniture | | 1,09,480 |
| B's Current A/c | | 68,062 | Stock | | 1,45,260 |
| Trade Creditors | | 54,800 | Sundry Debtors | 60,000 | |
| Outstanding Repairs to Building | | 6,000 | Less: Provision | <u>3,000</u> | 57,000 |
| | | | Cash at Bank | | 3,14,060 |
| | | | A's current A/c | | <u>26,562</u> |
| | | <u>13,28,862</u> | | | <u>13,28,862</u> |

Working Note:

Required Balance of Capital Accounts

C's Capital after writing off Goodwill = $2,72,000 - 32,000 = 2,40,000$

C's Share of Profit = $1/5$

Thus Capital of the firm shall be = $2,40,000 \times 5 = 12,00,000$

A's Capital = $12,00,000 \times 5/10 = 6,00,000$ and

B's Capital = $12,00,000 \times 3/10 = 3,60,000$

(b) (i) Computation of Income for the year 2016-17:

| | Rs. |
|--|-----------------|
| Money received during the year related to 2016-17 | 5,00,000 |
| Add: Money received in advance during previous years | 1,50,000 |
| Total income of the year 2016-17 | 6,50,000 |

(ii) Advance from Customers A/c

| Date | Particulars | Rs. | Date | Particulars | Rs. |
|------|--|----------|----------|----------------|----------|
| | To Sales A/c (Advance related to current year transferred to sales) | 1,50,000 | 1.4.2016 | By Balance b/d | 2,00,000 |

| | | | | |
|---------|----------------|-----------------|--------------------------------------|-----------------|
| 31.3.17 | To Balance c/d | 1,70,000 | By Bank A/c (Balancing Figure) | 1,20,000 |
| | | 3,20,000 | | 3,20,000 |

So, total money received during the year is:

| | |
|---------------------------------------|------------------------|
| | Rs. |
| Cash Sales during the year | 5,00,000 |
| Add: Advance received during the year | <u>1,20,000</u> |
| Total money received during the year | <u>6,20,000</u> |

5. (a) **Capital Account**

for the year ended 31st March, 2018

| | Rs. | | Rs. |
|----------------------------|---------------|--|-------------------|
| To Drawings: | | By Cash/bank | 20,000 |
| Motor car expenses | 4,000 | By Cash bank (pension) | 30,000 |
| (one-third of Rs. 12,000) | | By Net income from practice | 47,500 |
| Household expenses | 18,000 | (derived from income and expenditure a/c) | |
| Daughter's marriage exp. | 21,500 | | |
| Wages of domestic servants | 3,000 | | |
| Household furniture | 2,500 | | |
| To Balance c/d | <u>48,500</u> | | <u> </u> |
| | <u>97,500</u> | | <u>97,500</u> |

**Income and Expenditure Account
for the year ended 31st March, 2018**

| | Rs. | | Rs. |
|--|----------------|-----------------------|-------------------|
| To Medicines consumed | | By Prescription fees | 52,500 |
| Purchases | 24,500 | By Gift from patients | 13,500 |
| Less: Stock on 31.3.11 | <u>(9,500)</u> | By Visiting fees | 25,000 |
| To Motor car expense | 8,000 | By Fees from lectures | 2,400 |
| To Wages and salaries (Rs. 10,500 – Rs. 3,000) | 7,500 | | |
| To Rent for clinic | 6,000 | | |
| To General charges | 4,900 | | |
| To Interest on loan | 4,500 | | |
| To Net Income | <u>47,500</u> | | <u> </u> |
| | <u>93,400</u> | | <u>93,400</u> |

Balance Sheet as on 31st March, 2018

| Liabilities | Rs. | Assets | Rs. |
|-------------|--------|--------------------|--------|
| Capital | 48,500 | Motor car | 32,000 |
| Loan | 30,000 | Surgical equipment | 25,000 |
| | | Stock of medicines | 9,500 |

| | | |
|--|--------------|---------------|
| | Cash at bank | 11,000 |
| | Cash in hand | <u>1,000</u> |
| | | <u>78,500</u> |

(b) (i) Current Ratio = $\frac{\text{Current Assets}}{\text{Current Liabilities}} = \frac{\text{₹ 1,10,000}}{\text{₹ 30,000}} = 11:3$ or 3.67:1

Current Assets = Closing Inventory + Other Current Assets
= Rs. 10,000 + Rs. 1,00,000 = Rs. 1,10,000

(ii) Debt to Equity Ratio = $\frac{\text{Long term Debt}}{\text{Shareholders' Equity}}$
= $\frac{\text{Debentures}}{\text{Share Capital} + \text{Profit}}$
= $\frac{\text{₹ 60,000}}{\text{₹ 2,50,000}} = 0.24:1$

6. (a) **Journal of Mohan Ltd.**

| 2017 | | | Dr. Rs. in lakhs | Cr. Rs. in lakhs |
|--------|---|------------|---------------------|---------------------|
| June 1 | Bank A/c To Shares Application A/c (Receipt of applications for 15 lakh shares along with application money of Rs. 20 per share.) | Dr. | 300 | 300 |
| June 1 | Share Application and Allotment A/c Share Allotment A/c To Share Capital A/c (The allotment of 15 lakh shares : payable on application Rs. 20 share and Rs. 30 on allotment as per Directors' resolution no... dated...) | Dr. Dr. | 300 450 | 750 |
| June 1 | Bank A/c To Shares Allotment A/c To Calls in Advance A/c [Receipt of money due on allotment @ Rs. 30, also the two calls (Rs. 30 and Rs. 20) on 30,000 shares.] | Dr. | 465 | 450 15 |
| Nov. 1 | Share First Call A/c To Share Capital A/c (The amount due on 15 lakh shares @ Rs. 30 on first call, as per Directors, resolution no... dated...) | Dr. | 450 | 450 |
| | Bank A/c Calls in Advance A/c To Share First Call A/c (Receipt of the first call on 14.7 lakh shares, the balance having been previously received and now debited to call in advance account.) | Dr. Dr. | 441 9 | 450 |

| | | | | |
|-----------------|---|------------|----------|------|
| 2018 March 1 | Share Final Call A/c To Share Capital A/c (The amount due on Final Call on 15 lakh shares @ Rs. 20 per share, as per Directors' resolution no... dated...) | Dr. | 300 | 300 |
| March 1 | Bank A/c Calls in Advance A/c To Share Final Call A/c (Receipt of the moneys due on final call on 14.7 lakhs shares, the balance having been previously received.) | Dr. Dr. | 294 6 | 300 |
| March 1 | Interest on calls in Advance A/c To Shareholder A/c (Being interest on call in advance made due) | Dr. | 0.99 | 0.99 |
| Feb 1 | Shareholder A/c To Bank A/c (Being interest paid) | Dr. | 0.99 | 0.99 |

Working Note:

| | |
|--|--------|
| The interest on calls in advance paid @ 12% on : | Rs. |
| Rs. 9,00,000 (first call) from 1st June to 1st Nov., 2017–5 months | 45,000 |
| Rs. 6,00,000 (final call) from 1st June to 1st March., 2018–9 months | 54,000 |
| Total Interest Amount Due | 99,000 |

(b)

In the books of Riya Company Ltd.

Journal Entries

| Date | Particulars | | Dr. Rs. | Cr. Rs. |
|-------------|--|------------|-----------------------|--------------------|
| (a) | Bank A/c To Debentures Application A/c (Being the application money received on 10,000 debentures @ Rs. 450 each) | Dr. | 45,00,000 | 45,00,000 |
| | Debentures Application A/c Discount on issue of Debentures A/c To 14% Debentures A/c (Being the issue of 10,000 14% Debentures @ 90% as per Board's Resolution No....dated....) | Dr. Dr. | 45,00,000 5,00,000 | 50,00,000 |
| (b) | Fixed Assets A/c To Vendor A/c (Being the purchase of fixed assets from vendor) | Dr. | 20,00,000 | 20,00,000 |
| | Vendor A/c Discount on Issue of Debentures A/c To 14% Debentures A/c (Being the issue of debentures of Rs. 25,00,000 to vendor to satisfy his claim) | Dr. Dr. | 20,00,000 5,00,000 | 25,00,000 |

| | | | | |
|-----|---|-----|-----------|-----------|
| (c) | Bank A/c To Bank Loan A/c (See Note) (Being a loan of Rs. 20,00,000 taken from bank by issuing debentures of Rs.25,00,000 as collateral security) | Dr. | 20,00,000 | 20,00,000 |
|-----|---|-----|-----------|-----------|

Note: No entry is made in the books of account of the company at the time of making issue of such debentures. In the "Notes to Accounts" of Balance Sheet, the fact that the debentures being issued as collateral security and outstanding are shown by a note under the liability secured.

(c) **Pathak Ltd.**

Bank Reconciliation Statement as on 31.3.2017

| Particulars | Rs. |
|---------------------------------------|----------|
| Balance as per cash book | 1,20,000 |
| Add : Cheque issued but not presented | 68,000 |
| Interest credited | 1,500 |
| | 1,89,500 |
| Less : Bank charges | (300) |
| Balance as per pass book | 1,89,200 |

Or

- (c) **Going Concern concept:** The financial statements are normally prepared on the assumption that an enterprise is a going concern and will continue in operation for the foreseeable future. Hence, it is assumed that the enterprise has neither the intention nor the need to liquidate or curtail materially the scale of its operations; if such an intention or need exists, the financial statements may have to be prepared on a different basis and, if so, the basis used is disclosed.

The valuation of assets of a business entity is dependent on this assumption. Traditionally, accountants follow historical cost in majority of the cases.

Cost Concept: By this concept, the value of an asset is to be determined on the basis of historical cost, in other words, acquisition cost. Although there are various measurement bases, accountants traditionally prefer this concept in the interests of objectivity. When a machine is acquired by paying Rs. 5,00,000, following cost concept the value of the machine is taken as Rs. 5,00,000. It is highly objective and free from all bias. Other measurement bases are not so objective. Current cost of an asset is not easily determinable. If the asset is purchased on 1.1.1995 and such model is not available in the market, it becomes difficult to determine which model is the appropriate equivalent to the existing one. Similarly, unless the machine is actually sold, realisable value will give only a hypothetical figure. Lastly, present value base is highly subjective because to know the value of the asset one has to chase the uncertain future.