

**CBSE Class 12 Accountancy**  
**Sample Paper 07 (2019-20)**

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**Maximum Marks: 80**

**Time Allowed: 3 hours**

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**General Instructions:**

- i. This question paper contains two parts – A and B.
  - ii. Part A is compulsory for all.
  - iii. Part B has two options – Analysis of Financial Statements and Computerised Accounting.
  - iv. Attempt only one option of Part B.
  - v. All parts of a question should be attempted at one place.
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**Section A**

1. Distinguish between fund based accounting and non fund accounting?
2. A partner may wish withdrawn from a firm for various reasons like old age, on health ground, misunderstanding with other partners. Such a situation is called:
  - a. Dissolution of partnership firm
  - b. Retirement of a partner
  - c. Death of a partner
  - d. Admission of a partner
3. What is meant by the dissolution of a firm?
4. According to Section 30 of Partnership Act 1932:
  - a. New partner is allowed to share old profits
  - b. A Minor can be admitted as a partner by the consent of all partners for the time being.
  - c. New partner will bring capital and goodwill in cash
  - d. New partner will inspect the books of accounts

5. What are the provisions In the absence of partnership deed?
6. State the ratio in which the partners share profits or losses on the revaluation of assets and liabilities when there is a change in profit sharing ratio amongst the existing partners.
7. Why are 'reserves and surplus' distributed at the time of reconstitution of the firm?
8. Give the meaning of 'reconstitution of a partnership firm'.
9. X, Y and Z are partners sharing profits in the ratio of  $\frac{1}{2}$ ,  $\frac{2}{5}$  and  $\frac{1}{10}$ . Find the new 2: 5: 10 ratios of remaining partners, if Z retires.

10. Fill in the blanks:

Revaluation account is a \_\_\_\_\_ account.

11.
  - i. Partners' Capital Accounts
  - ii. Partners' loan accounts
  - iii. Loan by the spouse of a partner;

Which account(s) will not be transferred to Realisation" Account?

12. XYZ Co. Ltd., issued 10000, 10% debentures of Rs.100 each at a premium of Rs.5 payable as follows On application Rs. 40, on Allotment Rs. 65 (including premium) All the debentures were subscribed and money was received, at the time of allotment Securities premium account is to be credited with.....
  - a. Rs.60,000
  - b. Rs.50,000
  - c. Rs.55,000
  - d. Rs.65,000

13. Fill in the blanks:

Part of issued capital applied by public for subscription is known as \_\_\_\_\_ capital.

14. Calculate interest on drawings of Mr. X @ 10% p.a. if he withdrawn Rs. 1000 per month

- i. in the beginning of each Month
- ii. In the middle each of month
- iii. at end of each month.

**OR**

'Income and expenditure account of a not-for-profit organisation is akin to profit and loss account of a business concern' Explain the statement.

15. Sandeep, Praveen, and Tara are partners sharing profits in the ratio of 3: 2: 1. On 1st April 2012, Sandeep gave the notice to retire from the firm. Praveen and Tara decided to share future profits, in the ratio of 2: 3. The capital accounts of Praveen and Tara after all adjustments showed a balance of Rs. 64,000 and Rs. 1,00,000 respectively. The total amount to be paid to Sandeep was Rs. 1,23,000. This amount was to be paid by Praveen and Tara in such a way that their capitals become proportionate to their new profit-sharing ratio.

Pass necessary journal entries for the above transactions in the books of the firm. Show your workings clearly.

16. Pappu and Munna are partners in a firm sharing profits in the ratio of 3: 2. The Partnership Deed provided that Pappu was to be paid salary of Rs 2,500 per month and Munna was to get a commission of Rs 10,000 per year. Interest on capital was to be allowed @ 5% p.a. and interest on drawings was to be charged @ 6% p.a. Interest on Pappu's drawings was? 1,250 and on Munna's drawings Rs 425. Capital of the partners were Rs 2,00,000 and Rs 1,50,000 respectively and were fixed. The firm earned a profit of Rs 90,575 for the year ended 31st March, 2004. Prepare the Profit and Loss Appropriation Account of the firm.

**OR**

A firm earns a profit of Rs 30,000 per year. In the same business, a 10% return is generally expected. The total assets of the firm are Rs 2,50,000. The value of outsiders' liabilities is Rs 40,000. Find the value of Goodwill.

17. Y Ltd. forfeited 1,500 shares of Rs. 10 each (Rs. 7 called-up) for non-payment of the allot money of Rs. 4 per share including Rs. 1 as premium. Of these 1,000 shares were

reissue M at per share as Rs. 7 called-up. Journalise the above transactions in the books of Y.

18. The amount of sundry assets transferred to Realisation Account was Rs 80,000. 60% of them have been sold at a profit of Rs. 2,000. 20% of the remaining were sold at a discount of 30% and remaining were taken over by Ramlal (a partner) at book value. Journalise.
19. Following is the receipts and payments account of Delhi Football Club for the year ended 31st December, 2013

**Receipt and Payments Account**  
for the ended 31st December, 2013

| Receipts                   | Amt<br>(Rs.) | Payments  | Amt<br>(Rs.) |
|----------------------------|--------------|---|--------------|
| To Balance b/d             | 1,800        | By Building   | 40,000       |
| To Donations for building  | 50,000       | By Match expenses   | 9,000        |
| To Life membership fees    | 4,000        | By Furniture  | 12,100       |
| To Match fund              | 8,000        | By Investments (Purchased on 1st April, 2013 @ 10% per annum) | 16,000       |
| To Subscriptions           | 5,200        |   |              |
| To Lockers rent            | 400          | By Salaries   | 7,000        |
| To Interest on investments | 1,000        | By Insurance  | 350          |
| To Sale of furniture       | 10,000       | By Sundry expenses  | 470          |
| (Book value Rs. 8,000)     |              | By Balance c/d  | 480          |
|                            |              |   |              |

|                  |               |  |               |
|------------------|---------------|--|---------------|
| To Entrance fees | 5,000         |  |               |
|                  | <u>85,400</u> |  | <u>85,400</u> |

### Additional Information

1. During the year, 2013 the club had 550 members and each paying an annual subscription of Rs. 10.
2. 50% of the entrance fees is to be capitalised.
3. Donations for building includes 10% general donations.
4. Salaries outstanding as on 1st January, 2013 was Rs. 1,000 and as on 31st December, 2013 was Rs. 500.

Prepare 'income and expenditure account' of the club for the year ending 31st December, 2013.

20. Pass the necessary journal entries at the time of issue and redemption of Debentures in the following cases:
  - i. 10,000, 10% Debentures of Rs. 120 each issued at 5% premium, repayable at par.
  - ii. 20,000, 9% Debentures of Rs. 200 each issued at 20% premium, repayable at 30% premium.

### OR

On 1st April, 2015, JK Ltd issued 8,000, 9% debentures of Rs.1,000 each at a discount of 6%, redeemable at a premium of 5% after 3 years. The company closes its book on 31st March every year. Interest on 9% debentures is payable on 30th September and 31st March every year. The rate of tax deducted at source is 10%.

Pass necessary journal entries for the issue of 9% debentures and debenture interest for the year ended 31st March, 2016.

21. Jain & Gupta were partners sharing profits in the ratio of 3 : 2. Their balance sheet on March 31st, 2011 was as follows :

| Liabilities | (Rs)   | Assets |  | (Rs)   |
|-------------|--------|--------|--|--------|
| Creditors   | 20,000 | Cash   |  | 14,800 |
|             |        |        |  |        |

|                 |          |                           |            |          |
|-----------------|----------|---------------------------|------------|----------|
| Bills Payable   | 3,000    | Debtors                   | 20,500     |          |
| Bank Overdraft  | 17,000   | Less: Prov. for Bad Debts | <u>300</u> | 20,200   |
| Reserve         | 15,000   | Stock                     |            | 20,000   |
| Jain's Capital  | 70,000   | Plant                     |            | 40,000   |
| Gupta's Capital | 60,000   | Building                  |            | 70,000   |
|                 |          | Motor Vehicles            |            | 20,000   |
|                 | 1,85,000 |                           |            | 1,85,000 |

They agreed to admit Mishra for 1/4th share from 1-4-2011 subject to the following terms :

- Mishra to bring in capital equal to 1/4th of the total capital of Jain & Gupta after all adjustments including premium for goodwill.
- Building to be appreciated by Rs 14,000 and stock to be depreciated by Rs 6,000.
- Provision for bad debts on Debtors to be raised to Rs 1,000.
- A provision be made for Rs 1,800 for outstanding legal charges.
- Mishra's Share of goodwill/premium was calculated at Rs 10,000.

Prepare Revaluation Account, Partners' Capital Accounts and the Balance Sheet of the new firm on Mishra's admission.

**OR**

A and B are in partnership sharing profit and losses equally on 31st March 2007, their Balance Sheet stood as follows:

| <b>Liabilities</b> |                 | <b>(Rs)</b> | <b>Assets</b> | <b>(Rs.)</b> |
|--------------------|-----------------|-------------|---------------|--------------|
| Creditors          |                 | 80,000      | Cash          | 30,000       |
| General Reserve    |                 | 40,000      | Debtors       | 2,30,000     |
| A's Capital        | 1,50,000        |             | Stock         | 10,000       |
| B's Capital        | <u>1,30,000</u> | 2,80,000    | Fixtures      | 30,000       |
|                    |                 |             | Land          | 1,00,000     |

|  |  |          |  |          |
|--|--|----------|--|----------|
|  |  | 4,00,000 |  | 4,00,000 |
|--|--|----------|--|----------|

On the same date, C was admitted into the firm subject to the following terms:

- a. C will be entitled to a 1/3rd share of the profits;
- b. C will bring in Rs. 1,70,000 of which Rs. 50,000 will be treated as his share of goodwill;
- c. Rs. 10,000 is to be provided for Doubtful Debts;
- d. Fixtures are to be decreased by Rs. 6,000;
- e. The stock is to be revalued at Rs. 12,000;
- f. Capitals of old partners are to be re-adjusted on the basis of C's capital. Adjustment of capital will be made through cash.

You are required to prepare the Revaluation Account, Partners' Capital Accounts, Cash Account and the Balance Sheet of the firm after the admission of C.

22. EF Ltd. invited applications for issuing 80,000 equity shares of Rs.50 each at a premium of 20%. The amount was payable as follows :

On Application: Rs.20 per share (including premium Rs.5)

On Allotment: Rs.15 per share (including premium Rs.5)

On First Call: Rs.15 per share

On Second and Final call: Balance amount

Applications for 1,20,000 shares were received. Applications for 20,000 shares were rejected and pro-rata allotment was made to the remaining applicants.

Seema, holding 4,000 shares failed to pay the allotment money. Afterwards, the first call was made. Seema paid allotment money along with the first call. Sahaj who had applied for 2,500 shares failed to pay the first call money. Sahaj's shares were forfeited and subsequently reissued to Geeta for Rs.60 per share, Rs.50 per share paid up. Final call was not made.

Pass necessary journal entries for the above transactions in the books of EF Ltd. by opening calls-in-arrears account.

**OR**

XL Ltd invited applications for issuing 1,00,000 equity shares of Rs. 10 each at par. The

amount was payable as follows

On application — Rs. 3 per share.

On allotment — Rs. 4 per share.

On first and final call — Rs. 3 per share

The issue was over-subscribed by three times. Applications for 20% shares were rejected and the money refunded. Allotment was made to the remaining applications as follows

| Category | Number of Shares Applied | Number of Shares Allotted |
|----------|--------------------------|---------------------------|
| I        | 1,60,000                 | 80,000                    |
| II       | 80,000                   | 20,000                    |

Excess money received with applications was adjusted towards sums due on allotment and first and final call. All calls were made and were duly received except the final call by a shareholder belonging to category who has applied for 320 shares. His shares were forfeited. The forfeited shares were re-issued at Rs. 15 per share fully up.

Pass necessary journal entries for the above transactions in the book of XL Ltd. Open calls m-arrears and calls in advance account whenever required.

### Section B

23. Which of the following is not concerned with the calculation of Cost of Revenue from Operations?
- a. Opening Inventory
  - b. Indirect Expenses
  - c. Net Purchases
  - d. Direct Expenses
24. What does 'Interest Coverage Ratio' indicate?
25. Cost of Revenue from Operations is Rs. 5,00,000. The opening stock is Rs. 40,000 and



the closing stock is Rs. 60,000 (at cost). Calculate inventory turnover ratio.

26. State any two limitations of financial statement analysis.
27. G Ltd is carrying on a paper manufacturing business. In the current year, it purchased machinery for Rs. 30,00,000; it paid salaries of Rs.60,000 to its employees, it required funds for expansion and therefore, issued shares of Rs. 20,00,000. It earned a profit of Rs. 9,00,000 for the current year. Find out cash flows from operating activities.
28. State true or false:

**Capital Reserve** recorded under Share Capital (subhead) in Shareholders fund (major head).

29. Match the following:

|   |                            |
|---|----------------------------|
| (a) Cash budget is prepared for         | (i) Marketable security    |
| (b) cash flow statement is prepared for | (ii) cash payment of wages |
| (c) cash equivalents include            | (iii) Future period        |
| (d) cash flow from operating activity   | (iv) Past period           |

30. Under what major heads and sub-heads, the following items will appear in the balance sheet of a company as per Schedule III, Part I of the Companies Act, 2013
- i. Tax reserve
  - ii. Interest on calls-in-advance
  - iii. Stores and spares

**OR**

Statement of Profit and Loss of Hira Lal & Co. for the years ended 31st March 2013 and 2012 i

| Particulars | 31st<br>March<br>2013(Rs.) | 31st March<br>2012(Rs.) |
|-------------|----------------------------|-------------------------|
|             |                            |                         |

|                            |          |          |
|----------------------------|----------|----------|
| Revenue from Operations    | 2,12,500 | 2,42,500 |
| Cost of Materials Consumed | 1,22,500 | 1,30,000 |
| Empolyees Benefit Expenses | 22,500   | 30,000   |
| Net Profit                 | 67,500   | 82,500   |

Prepare Comparative Statement of Profit and Loss.

31. **Following is the statement of profit and loss of Raj Ltd for the year ended 31st March 2011.**

| Particulars                     | Amt (Rs.) |
|---------------------------------|-----------|
| Revenue from Operations         | 2,00,000  |
| (+) Other Incomes               | 15,000    |
| Total Incomes                   | 2,15,000  |
| Expenses                        |           |
| Cost of Revenue from Operations | 1,10,000  |
| Operating Expenses              | 5,000     |
| Total Expenses                  | 1,15,000  |
| Profit before Tax               | 1,00,000  |
| (-) Income Tax                  | (40,000)  |
| Profit after Tax                | 60 000    |

Prepare a common-size statement of profit and loss of Raj Ltd for the year ended 31st March. 2011.

**OR**

From the following information provided, prepare a comparative statement for the period 2008 and 2009.

| Particulars | 2008 Amt (Rs.) | 2009 Amt (Rs.) |
|-------------|----------------|----------------|
|             |                |                |

|                         |                                |                                |
|-------------------------|--------------------------------|--------------------------------|
| Revenue from Operations | 6,00,000                       | 8,00,000                       |
| Gross Profit            | 40% on Revenue from Operations | 50% on Revenue from Operations |
| Administrative Expenses | 20% of Gross Profit            | 15% of Gross Profit            |
| Income Tax              | 50%                            | 50%                            |

32. From the following prepare cash flow statement as per AS - 3

| Liabilities            | 2010     | 2011     | Assets                         | 2010     | 2011     |
|------------------------|----------|----------|--------------------------------|----------|----------|
| Share Capital          | 2,88,000 | 3,20,000 | Fixed Assets                   | 2,40,000 | 4,00,000 |
| Reserves And Surpluses | 64,000   | 80,000   | Less: Accumulated Depreciation | 64,000   | 1,20,000 |
| Bank Loan              | 80,000   | 60,000   |                                | 1,76,000 | 2,80,000 |
| creditors              | 2,48,000 | 2,40,000 | Goodwill                       | 64,000   | 56,000   |
| bills payable          | -----    | 4,000    | Investment                     | 72,000   | 88,000   |
| Proposed Dividend      | 36,000   | 48,000   | Stock                          | 1,60,000 | 1,80,000 |
| Income Tax Payable     | 20,000   | 24,000   | Debtors                        | 1,60,000 | 1,52,000 |
|                        | .....    | .....    | Bank                           | 1,04,000 | 20,000   |
|                        | 7,36,000 | 7,76,000 |                                | 7,36,000 | 7,76,000 |

**Additional information:**

- During the year a part of the machinery costing Rs. 40,000 was sold for Rs. 20,000.
- Depreciation provided during the year Rs. 80,000.
- Interim Dividend paid during the year Rs. 20,000.

**CBSE Class 12 Accountancy**  
**Sample Paper 07 (2019-20)**

**Solution**  
**Section A**

1.

|      | <b>Basis</b>      | <b>Fund Based Accounting</b>   | <b>Non fund based Accounting</b>  |
|------|-------------------|--|---|
| i)   | Accounting base   | It is on cash basis.   | It is an accrual basis.   |
| ii)  | Economic interest | Owners have no economic interests.   | Owners have economic interest in the form of profit.  |
| iii) | Funds             | Specific funds are used for specific purposes except for general fund.                               | Funds can be used for any profit earning purpose.   |
| iv)  | Usual earnings    | Usually expenditure is more than income known as deficit.  | The result of matching of revenue and expenses may either be profit or loss.                    |
| v)   | Accountability    | Accountability is towards law, regulations, legislature, parliament contributors and donors of fund. | Accountability is towards all stock holders, viz, owners creditors, government regulations etc. |

2. (b) Retirement of a partner

**Explanation:** A partner can get retirement in the following ways:

- (1) With the consent of all the partners
- (2) Due to ill health
- (3) Agreement/contract is over
- (4) By giving notice

3. Dissolution of a firm means the dissolution of partnership among all the partners of the firm along with the termination of the firm's business and settlements of all its liabilities as well as settle all its internal accounts .

4. (b) A Minor can be admitted as a partner by the consent of all partners for the time being.

**Explanation:** As per the law a minor cannot be admitted in any contracts. But with the consent of all the existing partners as per section 30 of the partnership act a minor can be admitted into a partnership firm as a partner for the time being.

5. Following provisions are applicable in the absence of partnership deed or if the Partnership Deed is silent:
  1. No partner is entitled to interest on capital.
  2. No interest on drawing is to be charged from partners.
  3. Partners are entitled to share the profits/Losses equally.
  4. No one partner is entitled to get remuneration/salary/commission for taking part in the carrying of firm's business.
  5. Interest on partner loan will be allowed @ 6% p.a. whether firm is in profit or loss.
6. At the time of change in profit sharing ratio among the existing partners, Gain or loss on revaluation are distributed in existing partners in old profit sharing ratio,
7. New partner is not entitled to any share in Reserves and surplus at the time of reconstitution of the firm because they are earned/accrued by the old partners so undistributed profits or losses are always distributed among old partners in old Profit-sharing ratio.
8. Any change in the existing agreement of partnership is reconstitution of a partnership firm. As a result, the existing agreement comes to an end and the new agreement comes into existence. But, the firm continues its business as earlier and Reconstitution of a firm always leads to change in profit-sharing ratio among partners.
9. Old ratio of X : Y : Z is  $\frac{1}{2}$ ,  $\frac{2}{5}$  and  $\frac{1}{10}$  or 5 : 4 : 1  
On retirement of Z, New profit sharing ratio, of X and Y is i.e.  $\frac{5}{9}$  and  $\frac{4}{9}$  or 5:4
10. Nominal
11. Partners' Capital Accounts and Partners' Loan Accounts are not transferred to the Realisation Account because both these accounts are internal accounts.

12. (b) Rs.50,000

**Explanation:** Rs.50 000

10,000 debentures X Premium amount Rs. 5= Rs. 50,000

13. Subscribed

14. **Interest on Drawing** =  $Amount \times \frac{Rate}{100} \times \frac{months.as.per.Average.Method}{12}$

Case (i) Interest on Drawing =  $Amount \times \frac{Rate}{100} \times \frac{6.5}{12}$

$1,000 \times 12 \times \frac{10}{100} \times \frac{6.5}{12} = \text{Rs. } 650$

Case (ii) Interest on drawing =  $Amount \times \frac{Rate}{100} \times \frac{6}{12}$

$1,000 \times 12 \times \frac{10}{100} \times \frac{6}{12} = \text{Rs. } 600$

Case (iii) Interest on drawing =  $Amount \times \frac{Rate}{100} \times \frac{5.5}{12}$

$1,000 \times 12 \times \frac{Rate}{100} \times \frac{5.5}{12} = \text{Rs. } 550$

**OR**

The role of a non-trading firm is to provide services to its members. However, in order to do the same, it needs to earn some revenue and incur certain expenditures. When a non-profit firm does so, it needs to prepare an income and expenditure account, which can help it in ascertaining the surplus earned or deficiency incurred during a period. The Income and Expenditure Account is a summary of all items of incomes and expenses which relate to the ongoing accounting year. It is prepared with the objective of finding out the surplus or deficit arising out of current incomes over current expenses. It is quite similar to the Trading and Profit and Loss Account of a trading concern and is prepared in an exact manner. Income and Expenditure Account is a nominal account. Therefore, the rule of nominal account (debit all expenses and losses and credit all incomes and gains) is followed while preparing it. While preparing the account, only items of revenue nature are recorded and all items of capital nature are ignored.

15.

**Journal**

| Date | Particulars |  | L.F. | Dr.(Rs.) | Cr.(Rs.) |
|------|-------------|--|------|----------|----------|
|      |             |  |      |          |          |

|  |                          |     |  |          |          |
|--|--------------------------|-----|--|----------|----------|
|  | Bank A/c                 | Dr. |  | 1,23,000 |          |
|  | To Praveen's Capital A/c |     |  |          | 50,800   |
|  | To Tara's Capital A/c    |     |  |          | 72,200   |
|  | Sandeep's Capital A/c    | Dr. |  | 1,23,000 |          |
|  | To Bank A/c              |     |  |          | 1,23,000 |

### Working Notes:

### CAPITAL A/C

| PARTICULAR  | SANDEEP  | PARVEEN  | TARA     | PARTICULAR    | SANDEEP  | PARVEEN  | TARA     |
|-------------|----------|----------|----------|---------------|----------|----------|----------|
| TO BAL. C/D |          | 1,14,800 | 1,72,200 | BY BAL. B/D   | 1,23,000 | 64,000   | 1,00,000 |
| TO CASH     | 1,23,000 |          |          | BY CASH (B.F) |          | 50,800   | 72,200   |
|             | 1,23,000 | 1,14,800 | 1,72,200 |               | 1,23,000 | 1,14,800 | 1,72,200 |

- a. Total Adjusted Capital of the New Firm :

Capital of Sandeep = 1,23,000

Capital of Praveen = Rs. 64,000

Capital of Tara = Rs. 1,00,000

(+) = Rs. 2,87,000

- b. Praveen and Tara will contribute firm's capital (Rs. 2,87,000) in the ratio of 2: 3.

Praveen's New Capital = Rs. 1,14,800

Tara's New Capital = Rs. 1,72,200

Amount to be paid by Praveen = New Capital - Old Capital

= Rs. 1,14,800 - Rs. 64,000

= Rs. 50,800

- c. Amount to be paid by Tara = New Capital - Old Capital

= Rs. 1,72,000 - Rs. 1,00,000

= Rs. 72,200.

16. The profit and loss appropriation account is an extension of the profit and loss account. The main intention of preparing a profit and loss appropriation account is to show the distribution of profits among the partners.

### Profit and Loss Appropriation Account for the year ended 31st March, 2004

| Dr.                       |        |        |  |       | Cr.    |
|---------------------------|--------|--------|--|-------|--------|
| Particulars               |        | (Rs)   | Particulars                              |       | (Rs)   |
| To Pappu's Salary         |        | 30,000 | By Net Profit as per Profit and Loss A/c |       | 90,575 |
| To Munna's Commission     |        | 10,000 | By Interest on Drawings:                 |       |        |
| To Interest on Capitals:  |        |        | Pappu                                    | 1,250 |        |
| Pappu                     | 10,000 |        | Munna                                    | 425   | 1,675  |
| Munna                     | 7,500  | 17,500 |  |       |        |
| To Profit transferred to: |        |        |  |       |        |
| Pappu's Current A/c       | 20,850 |        |  |       |        |
| Munna's Current A/c       | 13,900 | 34,750 |  |       |        |
|                           |        | 92,250 |  |       | 92,250 |

### OR

Under this method, goodwill is calculated by taking average super profit as the value of an annuity over a certain number of years. The present value of this annuity is computed by discounting at the given rate of interest (normal rate of return). This discounted present value of the annuity is the value of goodwill.

#### Calculation of Goodwill

Total Capitalised value of the firm

$$= \frac{\text{Actual Profit}}{\text{Rate of Normal Profits}} \times 100$$

$$= \frac{30,000}{10} \times 100 = \text{Rs } 3,00,000$$

Net Tangible Assets of the firm = Total Tangible Assets - Outsider's Liabilities'

$$= \text{Rs } 2,50,000 - \text{Rs } 40,000$$

$$= \text{Rs } 2,10,000$$

Goodwill = Total Capitalised Value - Net Assets



= Rs 3,00,000 - Rs 2,10,000

= Rs 90,000

17. In this question first shares are forfeited than reissued where

Forfeiture of shares means the process where the company forfeits the shares of a member or shareholder who fails to pay the call on shares or instalments of the issue price of his shares within a certain period of time after they fall due.

**In the Books of Y Ltd.**

**Journal**

| Date | Particulars   |     | L.F. | Dr.<br>(Rs.) | Cr.<br>(Rs.) |
|------|---|-----|------|--------------|--------------|
|      | Share Capital A/c (1,500 × 7)   | Dr. |      | 10,500       |              |
|      | Securities Premium Reserve A/c (1,500 × 1)  | Dr. |      | 1,500        |              |
|      | To Forfeited Shares A/c (1,500 × 4)   |     |      |              | 6,000        |
|      | To Share Allotment A/c (1,500 × 4)<br>(Being 1,500 shares forfeited for non-payment of allotment money) |     |      |              | 6,000        |
|      | Bank A/c (1,000 × 6)  | Dr. |      | 6,000        |              |
|      | Forfeited Shares A/c (1,000 × 1)  | Dr. |      | 1,000        |              |
|      | To Share Capital A/c<br>(Being 1,000 shares reissued @ 6 per share as 7 called-up)                      |     |      |              | 7,000        |
|      | Forfeited Shares A/c  | Dr. |      | 3,000        |              |
|      | To Capital Reserve A/c (Note)<br>(Being the transfer of gain (profit) on reissue)                       |     |      |              | 3,000        |

18.

**JOURNAL**

|  |  |  |  |        |        |
|--|--|--|--|--------|--------|
|  |  |  |  | Amount | Amount |
|--|--|--|--|--------|--------|

| Date | Particulars  |     | L.F. | Rs.    | Rs.    |
|------|--|-----|------|--------|--------|
|      | Bank A/c   | Dr. |      | 54,480 |        |
|      | To Realisation A/c<br>(Being assets having the book value of Rs. 48,000 were sold for Rs. 50,000 and assets having the book value of Rs. 6,400 were sold for Rs. 4,480)  |     |      |        | 54,480 |
|      | Ramlal's Capital A/c   | Dr. |      | 25,600 |        |
|      | To Realisation A/c<br>(Being assets having the book value of Rs. 24,000 were taken over by Ramlal at this value)   |     |      |        | 25,600 |
|      | or   |     |      |        |        |
|      | Bank A/c   | Dr. |      | 54,480 |        |
|      | Ramlal's Capital A/c   | Dr. |      | 25,600 |        |
|      | To Realisation A/c   |     |      |        | 80,400 |
|      | (Being assets having the book value of Rs. 48,000 were sold for Rs. 50,000 and assets having the book value of Rs. 6,400 were sold for Rs. 4,480 & assets having the book value of Rs. 24,000 were taken over by Ramlal at this value) |     |      |        |        |

### Working Notes :

#### i. Calculation of amount realised from assets

a.

|                     |        |
|---------------------|--------|
| 60% of Rs. 80,000   | 48,000 |
| Add: Profit on Sale | 2,000  |
|                     | 50,000 |

b.

|  |       |
|--|-------|
| 30% of the remaining<br>(i.e, (20/100 (Rs. 80,000 - Rs. 48,000)) | 6,400 |
| Less: 30% Discount   | 1,920 |
|  | 4,480 |

Total amount realised from assets Rs. 50,000 + Rs. 4,480 = Rs. 54,480

ii. Calculation of value of assets taken off by Ramlal

|                                  |        |
|----------------------------------|--------|
| The total Book value of assets   | 80,000 |
| Less: Book Values of assets sold | 54,400 |
|                                  | 25,600 |

19.

**Income and Expenditure Account**  
for the year ended 31st December, 2013

| Dr                        |              |              |   |            | Cr           |
|---------------------------|--------------|--------------|---|------------|--------------|
| Expenditure               |              | Amt<br>(Rs.) | Income  |            | Amt<br>(Rs.) |
| To Salaries               | 7,000        |              | By Donations for Building(10%)<br>$\left(\frac{10}{100} \times 50,000\right)$ |            | 5,000        |
| Add: Outstanding Salaries |              |              | By Subscription received during the year                                      | 5,200      |              |
|                           | <u>500</u>   |              | Add: Subscription outstanding (Note 1)  | <u>300</u> | 5,500        |
|                           | 7,500        |              | By Locker Rent  |            | 400          |
| (-) Outstanding Salaries  |              |              | By Profit on Sale of Furniture  |            | 2,000        |
| 1st January, 2013         | <u>1,000</u> | 6,500        | (10,000-8,000)  |            |              |
| To Insurance              |              | 350          | By Entrance Fees(note 4)  |            | 2,500        |

|  |  |               |  |            |               |
|--|--|---------------|--|------------|---------------|
|  |  |               | $\left(5,000 \times \frac{50}{100}\right)$ |            |               |
| To Sundry Expenses                                 |  | 470           | By Interest on Investments                 | 1,000      |               |
| To Match Expenses<br>(Note 3)                      |  |               | add : Accrued Interest (Note 2)            | <u>200</u> | 1,200         |
| (9,000-8,000)                                      |  | 1,000         |  |            |               |
| To Surplus-Excess of<br>Income over<br>Expenditure |  | <u>8,280</u>  |  |            |               |
|  |  | <u>16,600</u> |  |            | <u>16,600</u> |

### Working Notes :

|       |  |                |
|-------|--|----------------|
| (i)   | Calculation of outstanding subscription for the current year :   |                |
|       | Subscription for 2013 = $550 \times 10 =$  | 5,500          |
|       | (-) Subscription received during the year  | <u>5,200</u>   |
|       | Subscription Due (2013)  | 300            |
| (ii)  | Calculation of Accrued Interest on Investments :   |                |
|       | Interest earned on investment = $16,000 \times \frac{10}{100} \times \frac{9}{12}$   | 1,200          |
|       | Less :Interest received during the year  | <u>(1,000)</u> |
|       | Accrued interest   | 200            |
| (iii) | Match fund is Rs. 8,000 whereas match expenses are Rs. 9,000,therefore, the difference of Rs.1,000 will be debited to the Income & Expenditure A/c |                |
| (iv)  | 50% of entrance fees is capitalised, so it will be recorded in the Liability side of Balance Sheet.  |                |

20.

### Journal

| Date | Particulars |  | L.F | Debit(Rs.) | Credit(Rs.) |
|------|-------------|--|-----|------------|-------------|
|      |             |  |     |            |             |

|                           |   |     |  |           |           |
|---------------------------|---|-----|--|-----------|-----------|
| (i)At time of issue       | Bank A/c  | Dr. |  | 12,60,000 | ...       |
|                           | To Debentures application and Allotment A/c                 |     |  | ...       | 12,60,000 |
|                           | (Being receipt of Application money)                        |     |  | ...       | ...       |
|                           | Debentures Application and Allotment A/c                    | Dr. |  | 12,60,000 | ...       |
|                           | To 10% Debentures A/c                                       |     |  | ...       | 12,00,000 |
|                           | To Securities Premium A/c                                   |     |  | ...       | 60,000    |
|                           | (Being Issue of 10% Debenture at Premium Redeemable at par) |     |  | ...       | ...       |
| At the time of redemption | 10% Debentures A/c  | Dr. |  | 12,00,000 | ...       |
|                           | To Debentures Holders A/c                                   |     |  | ...       | 12,00,000 |
|                           | (Being amount due to Debentures holders)                    |     |  | ...       | ...       |
|                           | Debentures holders A/c                                      | Dr. |  | 12,00,000 | ...       |
|                           | To Bank A/c   |     |  | ...       | 12,00,000 |
|                           | (Being the amount paid to debentures)                       |     |  | ...       | ...       |
| (ii)At time of issue      | Bank A/c  | Dr. |  | 48,00,000 | ...       |
|                           | To Debentures Application and Allotment A/c                 |     |  | ...       | 48,00,000 |
|                           | (Being Receipt of Application money)                        |     |  | ...       | ...       |
|                           |   |     |  |           |           |

|                           |   |     |  |           |           |
|---------------------------|---|-----|--|-----------|-----------|
|                           | Debentures Application and Allotment A/c                        | Dr. |  | 48,00,000 | ...       |
|                           | Loss on Issue of Debentures A/c                                 | Dr. |  | 12,00,000 | ...       |
|                           | To 9% Debentures A/c  |     |  | ...       | 40,00,000 |
|                           | To Securities Premium Reserve A/c                               |     |  | ...       | 8,00,000  |
|                           | To Premium on Redemption of Debentures A/c                      |     |  | ...       | 12,00,000 |
|                           | (Being Issue of 9% Debentures at premium redeemable at premium) |     |  | ...       | ...       |
| At the time of redemption | 9% Debentures A/c   | Dr. |  | 40,00,000 | ...       |
|                           | Premium on Redemption of Debentures A/c                         | Dr. |  | 12,00,000 | ...       |
|                           | To Debentures holders A/c                                       |     |  | ...       | 52,00,000 |
|                           | (Being amount due to Debentures holder)                         |     |  | ...       | ...       |
|                           | Debenture holders A/c   | Dr. |  | 52,00,000 | ...       |
|                           | To Bank A/c   |     |  | ...       | 52,00,000 |
|                           | (Being the amount paid to Debentures holders)                   |     |  | ...       | ...       |

**Note :** 1. It is assumed that Debenture Redemption Reserve and Debenture Redemption Investment have been made as per the provisions of the act. And also after redemption Debenture Redemption Reserve has been transferred to General Reserve.

2. Premium payable at the time of redemption of debenture is a loss. And it is accounted at the time of issue due to Prudence Concept.

3. When amount on issue of debenture is received in a single installment, Debenture Application and Allotment account is credited instead of Debenture Application account.

**OR**  
**Books Of J.K. Ltd.**  
**JOURNAL**

| Date   | Particulars   |    | L.F. | Amt (Dr)  | Amt (Cr)  |
|--------|---|----|------|-----------|-----------|
| 2015   |   |    |      |           |           |
| Apr 1  | Bank A/c (8,000*940)  | Dr |      | 75,20,000 |           |
|        | To Debenture Application and Allotment A/c<br>(Being debenture application money received)  |    |      |           | 75,20,000 |
| Apr 1  | Debenture Application and Allotment A/c   | Dr |      | 75,20,000 |           |
|        | Loss on Issue of Debentures A/c<br>[8,000*(50+60)]  | Dr |      | 8,80,000  |           |
|        | To 9% Debentures A/c<br>(8,000*1,000)   |    |      |           | 80,00,000 |
|        | To Premium on Redemption of Debentures A/c<br>(8,000*50)<br>(Being debenture application money transferred to debentures account) |    |      |           | 4,00,000  |
| Sep 30 | Debenture Interest A/c  | Dr |      | 3,60,000  |           |
|        | To Debentureholders' A/c  |    |      |           | 3,24,000  |
|        | To T.D.S. Payable A/c<br>(Being amount of interest due and tax deducted at source)  |    |      |           | 36,000    |

|        |  |    |  |          |          |
|--------|--|----|--|----------|----------|
| Sep 30 | Debenture holders' A/c   | Dr |  | 3,24,000 |          |
|        | T.D.S. Payable A/c   | Dr |  | 36,000   |          |
|        | To Bank A/c<br>(Being interest paid to debenture holders and TDS deposited with government )                                   |    |  |          | 3,60,000 |
| 2016   |  |    |  |          |          |
| Mar 31 | Debenture Interest A/c   | Dr |  | 3,60,000 |          |
|        | To Debentureholders' A/c   |    |  |          | 3,24,000 |
|        | To T.D.S. Payable A/c<br>(Being amount of interest due and tax deducted at source)   |    |  |          | 36,000   |
| Mar 31 | Debentureholders' A/c  | Dr |  | 3,24,000 |          |
|        | T.D.S. Payable A/c   | Dr |  | 36,000   |          |
|        | To Bank A/c<br>(Being interest paid to debenture holders and TDS deposited with government)                                    |    |  |          | 3,60,000 |
| Mar 31 | Statement of Profit and Loss(finance cost)   | Dr |  | 7,20,000 |          |
|        | To Debenture Interest A/c (3,60,000+3,60,000)<br>(Being annual debenture interest transferred to statement of profit and loss) |    |  |          | 7,20,000 |

### Working Notes



| <b>Loss on Issue of Debentures</b>            | <b>Amt (Rs)</b> |
|---|-----------------|
| Discount on issue = $8,000 \times 60$         | 4,80,000        |
| (+) Premium on redemption = $8,000 \times 50$ | 4,00,000        |
| Total   | Rs,8,80,000     |

2. Discount or Loss on issue of Debentures is a loss for the company, which should be written off as early as possible but within the tenure of debentures.

3. Interest is not paid on Debentures issued as Collateral Security.

4. Interest on debenture is accounted as paid to Debenture Holders net of T.D.S. amount. Therefore, net amount of interest ( amount of interest less T.D.S. ) is paid to debenture Holders and amount of T.D.S. is deposited in Government Account.

5. Debenture Interest for Six Months :

$$80,00,000 \times \frac{9}{100} \times \frac{6}{12} = Rs.3,60,000$$

6. Tax Deducted at Source :

$$3,60,000 \times \frac{10}{100} = Rs.36,000$$

21.

### Revaluation Account

| <b>Dr.</b>                                       |  |       |                 | <b>Cr.</b> |
|--|--|-------|-----------------|------------|
| Particulars                                      |  | (Rs)  | Particulars     | (Rs)       |
| To Stock A/c                                     |  | 6,000 | By Building A/c | 14,000     |
| To Provision for doubtful debts A/c (1000-300)   |  | 700   |                 |            |
| To Provision for legal charges                   |  | 1,800 |                 |            |
| To Profit transferred to partners' capital A/Cs: |  |       |                 |            |
|  |  |       |                 |            |

|                     |       |        |  |        |
|---------------------|-------|--------|--|--------|
| Jain ( 5500 x 3/5)  | 3,300 |        |  |        |
| Gupta ( 5500 x 2/5) | 2,200 | 5,500  |  |        |
|                     |       | 14,000 |  | 14,000 |

### Partner's Capital Account

| Dr.            |         |          |           |                    |         |          | Cr.       |
|----------------|---------|----------|-----------|--------------------|---------|----------|-----------|
| Particulars    | Jain(₹) | Gupta(₹) | Mishra(₹) | Particulars        | Jain(₹) | Gupta(₹) | Mishra(₹) |
| To Balance c/d | 88,300  | 72,200   | 40,125    | By Balance b/d     | 70,000  | 60,000   | ---       |
|                |         |          |           | By Cash A/c        | --      | --       | 40,125    |
|                |         |          |           | By Mishra's C/A    | 6,000   | 4,000    | ---       |
|                |         |          |           | By Revaluation A/c | 3,300   | 2,200    | --        |
|                |         |          |           | By Reserves        | 9,000   | 6,000    | --        |
|                | 88,300  | 72,200   | 40,125    |                    | 88,300  | 72,200   | 40,125    |

### Balance Sheet

as at 1st April 2011

| Liabilities                 |  | (Rs)   | Assets                    |                | (Rs)   |
|-----------------------------|--|--------|---------------------------|----------------|--------|
| Creditors                   |  | 20,000 | Cash (cash a/c in w.n)    |                | 54,925 |
| Bills Payable               |  | 3,000  | Debtors                   | 20,500         |        |
| Bank Overdraft              |  | 17,000 | Less: Prov. for Bad Debts | <u>1,000</u>   | 19,500 |
| Provision for Legal Charges |  | 1800   | Stock                     | (20,000-6,000) | 14,000 |
| Capitals:                   |  |        | Motor Vehicle             |                | 20,000 |
|                             |  |        |                           |                |        |

|        |        |           |              |                |          |
|--------|--------|-----------|--------------|----------------|----------|
| Jain   | 88,300 |           | Plant        |                | 40,000   |
| Gupta  | 72,200 |           | Building     | (70,000+14000) | 84,000   |
| Mishra | 40,125 | 2,00,625  | Mishra's c/a |                | 10,000   |
|        |        | 2,,42,425 |              |                | 2,42,425 |

### Working Notes:

1. Mishra's capital =  $\frac{1}{4}$  (Jain's capital + Gupta's capital after all adjustment)
2. Jain's capital after all adjustment =88300
3. Gupta's capital after all adjustment =72200
4. Mishra's capital =  $\frac{1}{4}$  (Jain's capital + Gupta's capital after all adjustment)  
i.e  $\frac{1}{4}$  (88,300 + 72,200) =  $\frac{1}{4}$  (1,60,500) = Rs 40,125
5. If the student has debited Mishra's account for his share of goodwill as a premium for goodwill than the same will be transferred in a/c.
6. As it is not mentioned in the question about the goodwill that we have to treat it as non-cash treatment.
- 7.

#### cash a/c

| particular              | amount | particular     | amount |
|-------------------------|--------|----------------|--------|
| To balance b/d          | 14800  |                |        |
| To Mishra's capital a/c | 40125  |                |        |
|                         |        | By balance c/d | 54925  |
|                         | 54925  |                | 54925  |

OR

### Books of A, B, and C Revaluation Account

| Dr.                                 |         |                               |  | Cr.      |
|-------------------------------------|---------|-------------------------------|--|----------|
| Particulars                         | Amt(Rs) | Particulars                   |  | Amt(Rs.) |
| To Provision for Doubtful Debts A/c | 10,000  | By Stock A/c (12,000 -10,000) |  | 2,000    |

|                 |        |                                      |                     |               |
|-----------------|--------|--------------------------------------|---------------------|---------------|
| To Fixtures A/c | 6,000  | By Loss transferred to               |                     |               |
|                 |        | <b>A's Capital</b><br>A/c(14000x1/2) | <b>7,000</b>        |               |
|                 |        | <b>B's Capital</b><br>A/c(14000x1/2) | <b><u>7,000</u></b> | <b>14,000</b> |
|                 | 16,000 |                                      |                     | 16,000        |

### Partner's Capital Accounts

| Particulars                                    | A             | B             | C            | Particulars                             | A        | B        | C        |
|--|---------------|---------------|--------------|---|----------|----------|----------|
| To<br>Revaluation<br>A/c(Loss)                 | 7,000         | 7,000         | --           | By Balance<br>b/d                       | 1,50,000 | 1,30,000 | ---      |
|  |               |               | --           | Reserve A/c                             | 20,000   | 20,000   | ---      |
|  |               |               |              | By Cash A/c                             | --       | --       | 1,20,000 |
| To Balance<br>c/d                              | 1,88,000      | 1,68,000      | 1,20,000     | By<br>Premium<br>for<br>Goodwill<br>A/c | 25,000   | 25,000   | --       |
|  | 1,95,000      | 1,75,000      | 1,20,000     |   | 1,95,000 | 1,20,000 | 1,20,000 |
| <b>To Cash<br/>,a/c<br/>(balance<br/>fig.)</b> | <b>68,000</b> | <b>48,000</b> | <b>.....</b> | BY Balance<br>b/d                       | 1,88,000 | 1,68,000 | 1,20,000 |
| To Balance<br>c/d                              | 1,20,000      | 1,20,000      | 1,20,000     |   |          |          |          |
|  | 1,88,000      | 1,68,000      | 1,20,000     |   | 1,88,000 | 1,68,000 | 1,20,000 |

### Cash Account

| Particulars              | Amt(Rs)  | Particulars           | Amt(Rs.)      |
|--------------------------|----------|-----------------------|---------------|
| To Balance b/d           | 30,000   | By A's Capital A/c    | 68,000        |
| To C's Capital A/c       | 1,20,000 | By B's Capital A/c    | 48,000        |
| To Premium A/c(Goodwill) | 50,000   | <b>By Balance c/d</b> | <b>84,000</b> |
|                          | 2,00,000 |                       | 2,00,000      |

**Balance Sheet**  
as at 31st March 2007

| Liabilities |          | (Rs)            | Assets          |              | (Rs.)           |
|-------------|----------|-----------------|-----------------|--------------|-----------------|
| Creditors   |          | 80,000          | Cash            |              | 84,000          |
| Capitals:   |          |                 | Debtors         | 2,30,000     |                 |
| A           | 1,20,000 |                 | Less: Provision | 10,000       | 2,20,000        |
| B           | 1,20,000 |                 | Stock           | (10000+2000) | 12,000          |
| C           | 1,20,000 | 3,60,000        | Fixtures        |              | 24,000          |
|             |          |                 | Land            |              | 1,00,000        |
|             |          | <b>4,40,000</b> |                 |              | <b>4,40,000</b> |

**Working Note: Calculation of Proportionate Capitals:** Calculation of new share:

1. let the whole share be 1
2. c's share  $\frac{1}{3}$
3. left share =  $1 - \frac{1}{3} = \frac{2}{3}$
4. A's share =  $\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$
5. B's share =  $\frac{2}{3} \times \frac{1}{2} = \frac{1}{3}$
6. C's share =  $\frac{1}{3}$
7. New share = 1:1:1
8. C's Capital = Rs. 1,20,000 for  $\frac{1}{3}$  share  
Total Capital of the firm should be = Rs. 1,20,000 x 3 = 3,60,000  
A's Capital = Rs. 1,20,000 (i.e., Rs 3,60,000 x  $\frac{1}{3}$ )  
B's Capital = 1,20,000 (i.e, Rs 3,60,000 x  $\frac{1}{3}$ )

9. sacrifice ratio = old ratio - new ratio
10. A's sacrifice ratio =  $\frac{1}{2} - \frac{1}{3} = \frac{3}{6} - \frac{2}{6} = \frac{1}{6}$
11. B's sacrifice ratio =  $\frac{1}{2} - \frac{1}{3} = \frac{3}{6} - \frac{2}{6} = \frac{1}{6}$  i.e  
sacrifice ratio is 1:1 goodwill will distribute in this ratio

1. **Treatment of Goodwill:**

| Date      | Particulars   |     | L.F. | Dr.(Rs.) | Cr.(Rs.) |
|-----------|---|-----|------|----------|----------|
| 31.3.2007 | Cash A/c  | Dr. |      | 1,70,000 |          |
|           | To C's Capital A/c  |     |      |          | 1,20,000 |
|           | To Premium A/c (Goodwill)<br>(Being cash brought in by C for his share of capital and goodwill) |     |      |          |          |
| 31.3.2007 | Premium A/c (Goodwill)  | Dr. |      | 50,000   |          |
|           | To A's Capital A/c  |     |      |          | 25,000   |
|           | To B's Capital A/c<br>(Being amount of goodwill distributed among A and B in sacrificing ratio) |     |      |          |          |

22. **Journal Entries**

| Date | Particulars                                  | Dr. (Rs.) | Cr.(Rs.)  |
|------|--|-----------|-----------|
| i    | Bank A/c.....Dr.                             | 24,00,000 |           |
|      | To Equity Share Application A/c              |           | 24,00,000 |
|      | (Being share application money received.)    |           |           |
| ii   | Equity Share Application A/c.....Dr.         | 24,00,000 |           |
|      | To Equity Share Capital A/c                  |           | 12,00,000 |
|      | To Securities premium reserve A/c            |           | 4,00,000  |
|      | To Equity Share Allotment A/c                |           | 4,00,000  |
|      | To Bank A/c                                  |           | 4,00,000  |
|      | (Being share application money transferred.) |           |           |

|      |   |           |           |
|------|---|-----------|-----------|
| iii  | Equity Share Allotment A/c.....Dr.                  | 12,00,000 |           |
|      | To Equity Share Capital A/c                         |           | 8,00,000  |
|      | To Securities Premium Reserve A/c                   |           | 4,00,000  |
|      | (Being share Allotment money due.)                  |           |           |
| iv   | Bank A/c.....Dr.                                    | 7,60,000  |           |
|      | Calls in arrears A/c.....Dr.                        | 40,000    |           |
|      | To Equity Share Allotment A/c                       |           | 8,00,000  |
|      | (Being share allotment money received)              |           |           |
| v    | Equity Share First call A/c.....Dr.                 | 12,00,000 |           |
|      | To Equity Share Capital A/c                         |           | 12,00,000 |
|      | (Being share First call money due on 80,000 shares) |           |           |
| vi   | Bank A/c.....Dr.                                    | 12,10,000 |           |
|      | Calls in arrears A/c (First call).....Dr.           | 30,000    |           |
|      | To Equity Share First call A/c                      |           | 12,00,000 |
|      | To Calls in Arrears A/c (Allotment)                 |           | 40,000    |
|      | (Being share first call money received)             |           |           |
| vii  | Equity Share Capital A/c.....Dr.                    | 80,000    |           |
|      | To Share Forfeiture A/c                             |           | 50,000    |
|      | To Calls in Arrears A/c                             |           | 30,000    |
|      | (Being Sahaj's shares forfeited.)                   |           |           |
| viii | Bank A/c .....Dr.                                   | 1,20,000  |           |
|      | To Equity Share Capital A/c                         |           | 1,00,000  |
|      | To Securities Premium Reserve A/c                   |           | 20,000    |
|      | (Being Sahaj's shares reissued.)                    |           |           |
| ix   | Share Forfeiture A/c .....Dr.                       | 50,000    |           |

|  |   |  |        |
|--|---|--|--------|
|  | To Capital Reserve A/c  |  | 50,000 |
|  | (Being balance of forfeiture transferred to capital reserve.) |  |        |

**OR**

### Working Notes 1.

| Catgory | No of Shares Applied | No of shares Allotted | Excess amount received on Application | Amount to be received On Allotment  | Amount to be adjusted on allotment | Amount to be received on 1st and final Calls | Amount adjust on 1st and Final calls | Amount Refunded                     |
|---------|----------------------|-----------------------|---------------------------------------|-------------------------------------|------------------------------------|--|--------------------------------------|-------------------------------------|
| I       | 1,60,000             | 80,000                | 80,000 shares $\times$ 3 = 2,40,000   | 80,000 shares $\times$ 4 = 3,20,000 | 2,40,000                           | 80,000 shares $\times$ 3 = 2,40,000          | Nil                                  | -                                   |
| II      | 80,000               | 20,000                | 60,000 Shares $\times$ 3 = 1,80,000   | 20,000 shares $\times$ 4 = 80,000   | 80,000                             | 20,000 shares $\times$ 3 = 60,000            | 60,000                               | 40,000                              |
| III     | 60,000               | Nil                   | -                                     | -                                   | -                                  | -  | -                                    | 60,000 shares $\times$ 3 = 1,80,000 |
| Total   | 3,00,000             | 1,00,000              |                                       |                                     | 3,20,000                           |  | 60,000                               | 2,20,000                            |

### Working Notes 2.

No of shares applied = 320 shares

No of shares Allotted = 320 shares  $\times$  80000shares/160000shares = 160 shares

Amount outstanding on 1<sup>st</sup> and final Call= 160 shares  $\times$  3 = Rs.480

### Working Notes 3.



Amount Transfer To Capital Reserve = Rs. 1120 - 0 = Rs.1120

**In the Books of XL limited**  
**Journal**

| Date | Particulars   |     | L.F. | Debit (Rs. ) | Credit (Rs. ) |
|------|---|-----|------|--------------|---------------|
| 1.   | Bank A/c  | Dr. |      | 9,00,000     |               |
|      | To Equity Share Application A/c   |     |      |              | 9,00,000      |
|      | ( Being Amount Received on application of share @3 per share on 300000 shares ) |     |      |              |               |
| 2.   | Equity Share Application A/c  | Dr. |      | 9,00,0000    |               |
|      | To Equity Share Capital A/c   |     |      |              | 3,00,000      |
|      | To Calls -In- Advance A/c   |     |      |              | 3,80,000      |
|      | To Bank A/c   |     |      |              | 2,20,000      |
|      | ( Being amount transfer to capital a/c and adjustment of pro-rata made.)        |     |      |              |               |
| 3.   | Equity Share Allotment A/c  | Dr. |      | 4,00,0000    |               |
|      | To Equity share Capital A/c   |     |      |              | 400,0000      |
|      | ( Being Amount on allotment Due on 100000 shares @4 each.)                      |     |      |              |               |
| 4.   | Bank A/c  | Dr. |      | 80,000       |               |
|      | Calls -In- Advance A/c  | Dr. |      | 3,20,000     |               |
|      | To Equity Share Allotment A/c   |     |      |              | 4,00,000      |
|      | ( Being amount received on Allotment )  |     |      |              |               |
|      |   |     |      |              |               |

|    |  |     |  |          |          |
|----|--|-----|--|----------|----------|
| 5. | Equity Share First & Final call A/c  | Dr. |  | 3,00,000 |          |
|    | To Equity share Capital A/c  |     |  |          | 3,00,000 |
| 6  | Bank A/c   | Dr. |  | 2,39,520 |          |
|    | Calls- in - Arrear A/c   | Dr. |  | 60,000   |          |
|    | Calls - in - Advance A/c   | Dr. |  | 480      |          |
|    | To Equity Share First & Final call A/c                                       |     |  |          | 3,00,000 |
|    | ( Being Amount received on First and Final calls )                           |     |  |          |          |
| 7. | Equity Share Capital A/c   | Dr. |  | 1600     |          |
|    | To Equity Share Forfeited A/c  |     |  |          | 1120     |
|    | To Calls -in - Arrear A/c  |     |  |          | 480      |
|    | ( Being shares forfeited on which amount of call not received )              |     |  |          |          |
| 8. | Bank A/c   | Dr. |  | 2400     |          |
|    | To Equity Share Capital A/c  |     |  |          | 1600     |
|    | To Security premium reserve A/c  |     |  |          | 800      |
|    | ( Being amount received on Shares Re-issued )                                |     |  |          |          |
| 9. | Equity Share Forfeited A/c   | Dr. |  | 1120     |          |
|    | To Capital Reserve A/c   |     |  |          | 1120     |
|    | ( Being amount of share forfeited transfer to Capital Reserve transfer A/c ) |     |  |          |          |

### Section B

#### 23. (b) Indirect Expenses

**Explanation:** Revenue from operations means income generated from the main

activity of business. Indirect expenses are not directly related to the business. Hence it cannot be included in revenue from operations.

24. 'Interest coverage Ratio' deals with the servicing of interest on loan. It is helpful in assessing the security of interest payable on long term debt. Interest coverage ratio is valuable for debenture holders & for long term funds providers. It indicate how many times the interest charges are covered by the profits available to pay interest charges. A long term lender is interested in finding out whether the business will earn sufficient profits to pay interest charges regularly.

$$25. \text{ Inventory Turnover Ratio} = \frac{\text{cost of Revenue from operations}}{\text{Average Stock}}$$

$$\text{Average Stock} = \frac{\text{Opening Stock} + \text{Closing stock}}{2}$$

$$= \frac{Rs.40,000 + Rs.60,000}{2} = Rs. 50,000$$

$$\text{Inventory Turnover Ratio} = \frac{Rs.5,00,000}{Rs.50,000} = 10 \text{ Times}$$

It indicates the 10 times inventory is turned into sales during the year.

26. Limitations of financial statement analysis are

- The results obtained by analysis of financial statements may be misleading due to window dressing
- Financial statement analysis ignore qualitative aspects like quality of management, labour force and public relations.

27. Rs. 9,00,000 profit earned during the year will be the cash flow from operating activities. An activity that directly affects an organization's cash inflows and outflows, and determine its net income. Cash inflows result from sales of goods or services, sale of shares, and from income earned on investments. Cash outflows result from equipment and inventory purchases, interest and principal payments on loans, salaries, dividends, and various other costs and expenses.

28. False

29. (a) - (iii), (b) - (iv), (c) - (i), (d) - (ii)

30. This classification is given as per revised schedule 3 of the company's act, 2013 in order to bring uniformity in classification and to maintain international standards. Current liabilities and assets represent liabilities and assets within 12 month duration.

| Sl.No. | Items                        | Major headings      | Sub-headings              |
|--------|------------------------------|---------------------|---------------------------|
| (i)    | Tax Reserve                  | Current Liabilities | Short-term Provisions     |
| (ii)   | Interest on Calls-in-advance | Current Liabilities | Other Current Liabilities |
| (iii)  | Stores and Spares            | Current Assets      | Inventories               |

**OR**

**Comparative Statement of Profit and Loss**  
for the years ended 31st March 2012 and 2013

| Particulars                       | Note No. | 31st March 2012 Amount (Rs.) | 31st March 2013 Amount (Rs.) | Absolute Change (Increase/ Decrease) (Rs.) | Percentage Change (Increase/ Decrease) (%) |
|-----------------------------------|----------|------------------------------|------------------------------|--|--|
|                                   |          | (A)                          | (B)                          | (C = B - A)                                | (D = $\frac{C}{A} \times 100$ )            |
| <b>I. Revenue from Operations</b> |          | <b>2,42,500</b>              | <b>2,12,500</b>              | <b>(30,000)</b>                            | <b>(12.37)</b>                             |
| <b>II. Expenses:</b>              |          |                              |                              |  |  |
| (a) Cost of Materials Consumed    |          | 1,30,000                     | 1,22,500                     | (7,500)                                    | (5.76)                                     |
| (b) Employee Benefit Expenses     |          | 30,000                       | 22,500                       | (7,500)                                    | (25.00)                                    |
|                                   |          |                              |                              |  |  |

|                                |  |                 |                 |                 |                |
|--------------------------------|--|-----------------|-----------------|-----------------|----------------|
| <b>II. Total Expenses</b>      |  | <b>1,60,000</b> | <b>1,45,000</b> | <b>(15,000)</b> | <b>(9.37)</b>  |
| <b>III. Net Profit(I - II)</b> |  | <b>82,500</b>   | <b>67,500</b>   | <b>(15,000)</b> | <b>(18.18)</b> |

This analysis is being carried out in between the income statements of the various accounting duration of the firm, with other firms in the industry and with the industrial average. This will facilitate the firm to know about the status of itself regarding the financial performance. It facilitates to understand about the changes pertaining to various financial data which closely relevantly connected with the financial performance

31.

**Books of Raj Ltd.**

**Common Size Income Statement**

**as at 31st March, 2011**

| <b>Particulars</b>                | <b>( A )</b> | <b>( % )</b> |
|-----------------------------------|--------------|--------------|
| I. Revenue From Operations        | 200000       | 100          |
| II. Other Income                  | 15000        | 7.5          |
| III. Total Revenue                | 215000       | 107.5        |
| IV. Expenses:                     |              |              |
| Cost of revenue from operation    | 110000       | 55           |
| Operating Expenses                | 5000         | 2.5          |
| Total Expenses                    | 115000       | 57.5         |
| V. Profit Before Tax ( III – IV ) | 100000       | 50           |

**OR**

**Comparative Statement of Profit and Loss**

**for the year ended 31st March, 2009**

|  | <b>31st</b> | <b>31st</b> | <b>Absolute Change<br/>(Increase or</b> | <b>Percentage<br/>Change</b> |
|--|-------------|-------------|---|------------------------------|
|--|-------------|-------------|---|------------------------------|

| <b>Particulars</b>                  | <b>March, 2008<br/>(Rs.)</b> | <b>March, 2009<br/>(Rs.)</b> | <b>Decrease)<br/>(Rs.)</b> | <b>(Increase or<br/>Decrease)<br/>(%)</b> |
|-------------------------------------|------------------------------|------------------------------|----------------------------|---|
| I. Revenue from Operations (Sales)  | 6 ,00,000                    | 8,00,000                     | 2,00,000                   | 33.33                                     |
| II.Total Revenue                    | 6,00,000                     | 8,00,000                     | 2,00,000                   | 33.33                                     |
| III. Expenses:                      |                              |                              |                            |   |
| (a) Cost of Revenue from Operations | 3,60,000                     | 4,00,000                     | 40,000                     | 11.11                                     |
| (b) Administrative Expenses         | 48,000                       | 60,000                       | 12,000                     | 25.00                                     |
| IV. Total Expenses (a+b)            | 4,08,000                     | 4,60,000                     | 52,000                     | 12.74                                     |
| V. Profit before Tax ( I I - IV )   | 1,92,000                     | 3,40,000                     | 1,48,000                   | 77.08                                     |
| VI. Income Tax @ 50%                | (96,000)                     | (1,70,000)                   | (74,000)                   | (77 08)                                   |
| VII. Profit after Tax ( V- VI)      | 96,000                       | 1,70,000                     | 74,000                     | 77.08                                     |

### Working Note

|                                 | <b>2008</b> | <b>2009</b> |
|---------------------------------|-------------|-------------|
| Revenue from operations         | 6,00,000    | 8,00,000    |
| ( - ) Gross profit              | (2,40,000)  | (4,00,000)  |
| Cost of revenue from operations | 3,60,000    | 4,00,000    |
|                                 |             |             |

|                         |                                   |                                    |
|-------------------------|-----------------------------------|------------------------------------|
| Administrative expenses | 20% on Gross profit i e<br>48,000 | 15% on Gross profit i e.<br>60,000 |
|-------------------------|-----------------------------------|------------------------------------|

Comparative statement of P&L A/c is prepared as per Schedule 3, Part 1 of the Companies Act, 2013. A comparative statement is a document that compares a particular financial statement with prior period statements or with the same financial report generated by another company. Analysts and business managers use the income statement, balance sheet and cash flow statement for comparative purposes. The process reveals trends in the financials and compares one company's performance with another business.

## 32. **Cash Flow Statement for the year ended 2011**

### **A: Cash flow from operating activities:**

|   |          |   |
|---|----------|---|
| <b>Profit before Tax and Extraordinary items</b>                        | 1,08,000 | . |
| Adjustments for Non Operating and Non Cash Items:- Add:<br>Depreciation | 80,000   | . |
| Goodwill Written off  | 8,000    | . |
| Less: Profit on sale of Machinery                                       | (4,000)  | . |
| operating profit before working capital changes                         | 1,92,000 | . |
| Add: Decrease in current assets:<br>Debtors                             | 8,000    | . |
| Add: increase in current liability: Bills Payable                       | 4,000    | . |
|   | 2,04,000 | . |
| Less: increase in current assets<br>Stock                               | (20,000) | . |
| less : Decrease in Current Liabilities<br>Creditors                     | (8,000)  | . |
| <b>Cash flow from operating activities</b>                              | 1,76,000 | . |
| Less: Tax paid ( Previous year)   | (20,000) | . |

|  |   |          |
|--|---|----------|
| <b>Net cash flow from operating activities</b> | . | 1,56,000 |
|--|---|----------|

### **B: Cash flow from investing activities**

|  |            |          |
|--|------------|----------|
| Sale of machinery                        | 20,000     | ...      |
| Purchase of fixed assets                 | (2,00,000) | ...      |
| Purchase of investment                   | (16,000)   | ...      |
| <b>Cash flow in investing activities</b> | ...        | 1,96,000 |

### **C: Cash flows from operating activities:**

|   |          |          |          |
|---|----------|----------|----------|
| Issue of Share capital  | ...      | 32,000   | ...      |
| Repayment of bank loan  | ...      | (20,000) | ...      |
| payment of dividend   | ...      | ...      | ...      |
| Regular (Previous Year Amount)  | (36,000) | ...      | ...      |
| Interim   | (20,000) | (56,000) | ...      |
| Cash used in financing activities   | ...      | ...      | (44,000) |
| Total of all three Activities: A + B + C =  | ...      | ...      | (84,000) |
| Add: Cash and Cash equivalents at the beginning of the year (Previous Year Balance) | ...      | ...      | 1,04,000 |
| Cash and Cash equivalents at the end of the year (Current Year Balance)             | ...      | ...      | 20,000   |

### **Working Notes**

(i) Calculation of Profit before tax and extra ordinary items:

| Particulars                | Amount (Rs.) |
|----------------------------|--------------|
| Net profit during the year | 16,000       |
| Proposed dividend          | 48,000       |
|                            |              |



|   |                 |
|---|-----------------|
| Income tax provision ( Current Year)              | 24,000          |
| Interim Dividend                                  | 20,000          |
| <b>Profit before tax and extra ordinary items</b> | <b>1,08,000</b> |

### Fixed Assets Account

| Dr.   |                 |                                  | Cr.             |
|---|-----------------|----------------------------------|-----------------|
| Particulars                                     | Amount<br>(Rs.) | Particulars                      | Amount<br>(Rs.) |
| To balance b/d                                  | 2,400,000       | By Machinery Disposal<br>account | 40,000          |
| To Cash a/c<br>(Balancing Figure)<br>(purchase) | 2,00,000        | By Balance c/d                   | 4,00,000        |
|   | 4,40,000        |                                  | 4,40,000        |

### Machinery Disposal Account

| Particulars            | Amount (Rs.) | Particulars                 | Amount (Rs.) |
|------------------------|--------------|-----------------------------|--------------|
|                        | Rs.          |                             | Rs.          |
| To Fixed Assets a/c    | 40,000       | By cash a/c                 | 20,000       |
| To Profit and loss a/c | 4,000        | By accumulated Depreciation | 24,000       |
| (Balancing Figure)     |              |                             |              |
|                        | 44,000       |                             | 44,000       |

### Accumulated Depreciation Account

| Particulars                                  | Amount<br>(Rs.) | Particulars    | Amount<br>(Rs.) |
|--|-----------------|----------------|-----------------|
| To assets disposal a/c (Balancing<br>figure) | 24,000          | By balance b/d | 64,000          |

|                |          |                         |          |
|----------------|----------|-------------------------|----------|
| To balance c/d | 1,20,000 | By Profit & Loss<br>a/c | 80,000   |
|                | 1,44,000 |                         | 1,44,000 |

### Income Tax Payable Account

| Particulars    | Amount (Rs.) | Particulars          | Amount (Rs.) |
|----------------|--------------|----------------------|--------------|
| To Cash a/c    | 20,000       | By Balance b/d       | 20,000       |
| To Balance c/d | 24,000       | By Profit & Loss a/c | 24,000       |
|                | 44,000       |                      | 44,000       |