## CHAPTER 2 : ANALYSIS OF FINANCIAL STATEMENTS

1. Profit \& Loss Account of Ankita Ltd. for the year ended 31st March, 2014 and 2015 are as follows :

|  | 2014 <br> Rs. | 2015 |
| :--- | :--- | :--- |
| Rs. |  |  |

Prepare comparative statement from the above.
2. The income statements of a concern are given for the years ending on 31st December, 2013 and 2014. You are required to prepare a comparative income statement.
Income Statements for the year ending 2013 and 2014

|  | 2013 | 2014 |
| :--- | :--- | :--- |
| Sales | $6,50,000$ | $7,25,000$ |
| Cost of Sales | $4,25,000$ | $5,00,000$ |
| Gross Profit | 2.25 .000 | 2.25 .000 |
| Less : Operating Expenses : |  |  |
| Selling \& Distribution Expenses | 60,000 | 75,000 |
| General Expenses | 25,000 | 40,000 |
| Total Operating Expenses | 85,000 | $1,15,000$ |
| Net Profit during the year | 1.40 .000 | 1.10 .000 |

3. Prepare Comparative Statement of Deepika Ltd. from the following for the year ended 1st March, 2014 and 2015.

|  |  |  | 2015 | 2014 |
| :--- | :--- | :--- | :--- | :--- |
| Current Assets : |  |  |  |  |
| Cash |  |  | 427 | 149 |
| Other Current Assets |  |  | 2,266 | 411 |
| Total |  |  | 2.693 | 560 |
| Property Plant etc. |  |  | 379 | 188 |
| Intangible Assets |  | 194 | 106 |  |
| Other Assets |  | 47 | 17 |  |
| Total Assets |  |  | 3.313 | 871 |

4. Prepare Comparative Statement from the following for the year ended 31st March. Eastern Ltd.

|  | 2015 | 2014 |
| :--- | :--- | :--- |
|  | Rs. | Rs. |
| Capital | 1 | 45 |
| Reserves | 2.928 | 544 |
| Total | 2.929 | 589 |

5. Prepare Horizontal Analysis from the following and comment in brief.

|  | 2015 | 2014 |
| :--- | :--- | :--- |
| Net Sales | 2.75 .000 | 2.25 .000 |
| Expenses: |  |  |
| Cost of Goods sold | $1,94,000$ | $1,65,000$ |
| Engineering, Selling \& Administrative Expenses | 54,000 | 48,000 |
| Interest Expenses | 5,000 | 5,000 |
| Income tax Expenses | 9,000 | 3,000 |
| Other Expenses (Income) | 1,000 | $(1,000)$ |
| Total Expenses | 2.63 .000 | 2.20 .000 |
| Net Income | 12,000 | 5,000 |

6. From the following accounting statements of Krish Ltd. for the year ended 31st March, 2014 and 31st March, 2015; present a Comparative Income Statement and comments.
Profit \& Loss A/c for the year ended

|  | 31.3 .2014 | 31.3 .2015 |  | 31.3 .2014 | 31.3 .2015 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| To Cost of goods sold | 1,200 | 1,500 | By Net Sales | 1,600 | 2,000 |
| To Operating Expenses |  |  |  |  |  |
| To Administrative Exps. | 40 | 40 |  |  |  |
| To Selling Expenses | 60 | 80 |  |  |  |
| To Net Profits | 300 | 380 |  | - | - |
|  | 1.600 | 2.000 |  | 1.600 | 2.000 |

7. Following are the financial statements of Vatsal Ltd.

Comparative Income Statement for the years ended 31st December, 2013 and 2014 :

|  | 2013 | 2014 |
| :--- | :--- | :--- |
| Net Sales | 800 | 1,000 |
| Cost of Goods sold | 600 | 750 |
| Gross Profit | 200 | 250 |
| Operating Expenses : |  |  |
| Administration Expenses | 20 | 20 |
| Selling Expenses | 30 | 40 |
| Total Operating Expenses | 50 | 60 |
| Operating Profit | 150 | 190 |

Comparative Balance Sheet as on 31st December, 2013 and 2014

|  | 2013 | 2014 |
| :--- | :--- | :--- |
| Assets : |  |  |
| Current Assets | 500 | 740 |
| Fixed Assets | 800 | 780 |
| 'Total Assets | 1.300 | 1.520 |
| Liabilities : |  |  |
| Current Liabilities | 300 | 425 |
| Long-term Liabilities 6\% Debentures | 100 | 150 |
| Total Liabilities | 400 | 575 |
| Capital and Reserves : |  |  |
| 6\% Preference Capital | 300 | 300 |
| Equity Capital | 400 | 400 |
| Reserves | 200 | 245 |
| Total : Shareholders Funds | 900 | 945 |
| Total: Liabilities and Capital | 1.300 | 1.520 |
| Your |  |  |

You are required to interpret the above statements by preparing comparative common size statements with brief comments.
8. From the following particulars relating to N.R. Pura Ltd., prepare a Comparative Income Statement.

|  | $2014(?)$ | $2015(?)$ |
| :--- | :--- | :--- |
| Sales | 58,000 | 65,200 |
| Cost of Goods Sold | 47,600 | 49,200 |
| Administration Expenses | 1,016 | 1,000 |
| Selling Expenses | 1,840 | 1,920 |
| Non-operating Expenses | 140 | 155 |
| Non-operating Income | 96 | 644 |
| Sales Returns | 2,000 | 1,200 |
| Tax Rate | $43.75 \%$ | $43.75 \%$ |

9. The following are the Balance Sheets of A Company Ltd. (Rs. in lakhs)

|  | 1.1 .2014 | 31.12 .2014 |
| :--- | :--- | :--- |
| Assets : |  |  |
| Net Fixed Assets | 900 | 1,000 |
| Cash | 50 | 50 |
| Marketable Securities | 100 | - |
| Debtors | 100 | 400 |
| Stock of Goods | 600 | 800 |
| Total | 1.750 | 2.250 |
| Liabilities : |  |  |
| Equity Shares | 500 | 500 |
| Reserves | 400 | 600 |


| Long-term Debt | 100 | 100 |
| :--- | :--- | :--- |
| Creditors | 200 | 250 |
| Payables | 450 | 650 |
| Provisions | 100 | 150 |
| Total | 1.750 | 2.250 |

From the above data, prepare a Comparative Balance Sheet with increase or decrease in both amount ind percentage.
10. From the following Profit \& Loss Accounts and Balance Sheets of A Shree Sadgura Ltd. for the years 2013 and 2014, you are required to prepare a Comparative Income Statement and a comparative Balance Sheet.

Shree Sadguru Ltd. Profit \& Loss A/c

|  | 2013 | 2014 |  | 2013 | 2014 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| To Opening Stock | 80,000 | $1,20,000$ | By Sales | $6,00,000$ | $10,00,000$ |
| To Purchases | $3,00,000$ | $8,00,000$ | By Closing Stock | $1,20,000$ | $3,00,000$ |
| To Wages | $1,00,000$ | $1,60,000$ |  |  |  |
| To Factory Expenses | 80,000 | $1,00,000$ |  |  |  |
| To Gross Profit c/d | $1,60,000$ | $1,20,000$ |  | - | - |
|  | 7.20 .000 | 13.00 .000 |  | 7.20 .000 | 13.00 .000 |
| To Salaries | 10,000 | 12,000 | By Gross Profit b/d | $1,60,000$ | $1,20,000$ |
| To Rent \& Rates | 8,000 | 10,000 | By Interest | 500 | 500 |
| To Carriage Outwards | 12,000 | 10,000 |  |  |  |
| To Delivery Expenses | 6,000 | 3,000 |  |  |  |
| To Advertisement | 15,000 | 10,000 |  |  |  |
| To Bad Debts | 1,000 |  |  |  |  |
| To Non-Operating |  |  |  |  |  |
| Expenses $\quad$ Provision for | 13,000 | 13,000 |  |  |  |
| To $\quad 38000$ | 28,000 |  | - | - |  |
| To Net Profit |  |  |  | 1.60 .500 | 1.20 .500 |
| to General Reserve | 57,500 | $34 ; 500$ |  |  |  |
|  | 1.60 .500 | 1.20 .500 |  |  |  |

Balance Sheet as on 31»* December, 2013 and 2014

| Liabilities | 2013 | 2014 | Assets | 2013 | 2014 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Share Capital: |  |  | Fixed Assets | $5,00,000$ | $8,00,000$ |
| Equity Share Capital | $6,00,000$ | $6,00,000$ | Less : Depreciation | 67,000 | 80,000 |
| Preference Share |  |  |  | $4,33,000$ | $7,20,000$ |
| Capital | - | $4,00,000$ | Investments (at cost) | 50,000 | 80,000 |
| General Reserve | $1,37,500$ | $1,72,000$ | Current Assets : |  |  |
| $8 \%$ Debentures | $1,00,000$, | 50,000 | Stock | $1,20,000$ | $3,00,000$ |
| Bank Loan | - | $2,00,000$ | Debtors | $2,00,000$ | $2,39,000$ |
| Sundry Creditors | 32,500 | 50,000 | Bank | 80,000 | $1,47,000$ |


| Provision for Taxation | 30,000 | 24,000 | Cash | 17,000 | 10,000 |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  | 9.00 .000 | 14.96 .000 |  | 9.00 .000 | 14.96 .000 |

11. Prepare common size statement from the following for the year ended 31st March 2015.

|  |  |
| :--- | :--- |
| Sales | 3,189 |
| Less : Cost of Sales | 1,458 |
| Gross Profit | 1,731 |
| Less : Operating Expenses : |  |
| Sales Expenses | 246 |
| Administrative Expenses | 140 |
| R \& D Expenses | 225 |
| Other Expenses | 470 |
| Net Profit before tax | 650 |
| Less : Income tax | 251 |
| Net Profit after tax | 399 |

12. Prepare common size statement from the following for the year ended 31st March, 2015.

| Liabilities |  |  |
| :--- | :--- | :--- |
| Creditors |  | 33 |
| Other Current Liabilities |  | 307 |
| Total Current Liabilities |  | 340 |
| Long-term Loans |  | 44 |
| Total Liabilities |  | 384 |
| Share Capital | 1 |  |
| Reserves |  | 2,928 |
| Total | 2,929 |  |
| Total Liabilities | 3,313 |  |

13. Following are the common size statements of Sun Ltd. and Moon Ltd. for the year ended 31st March, 2015. Comment in brief.

|  | Sun Ltd. | Moon Ltd. |
| :--- | :--- | :--- |
| Revenues | $100.0 \%$ | $100.0 \%$ |
| Cost of Revenues | 45.7 | 36.3 |
| Gross Profit | 54.3 | 63.7 |
| Sales \& Marketing Expenses | 7.7 | 21.8 |
| General \& Administrative Expenses | 4.4 | 7.3 |
| Research \& Development Expenses | 7.1 | 10.3 |
| Other Expenses (Income) | 14.7 | $(11.5)$ |
| Net Profit | 20.4 | 35.8 |
| Income tax | 7.9 | 12.3 |
| Net Profit after tax | $12.5 \%$ | $23.5 \%$ |

14. The Profit \& Loss Account of a Company is given below (Rupees in lakhs). Profit \& Loss A/c

|  | 2013 | 2014 |  | 2013 | 2014 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| To Cost of Goods sold | 600 | 750 | By Net Sales | 800 | 1,000 |
| To Operating Expenses: |  |  | By Non-operating |  |  |
| Admn. Expenses | 30 | 40 | Income | 50 | 100 |
| Selling Expenses | 40 | 50 |  |  |  |
| To Non-operating | 30 | 40 |  |  |  |
| To Net Profit | 150 | 220 |  | - | - |
|  | 850 | 1.100 |  | 850 | 1.100 |

You are required to prepare a common-size income statement \& interpret changes.
15. From the following accounting statements of Aum Prabhu Shanti Ltd., for 31st December, 2014 present a common-size analysis of the company and comment.

| Assets : |  | - |
| :---: | :---: | :---: |
| Current: Cash |  | 10,000 |
| Investments |  | 40,000 |
| Debtors |  | 30,000 |
| Stock |  | 35,000 |
| Current Assets |  | 1,15,000 |
| Non-current : Land \& Buildings |  | 1,85,000 |
| Total Assets |  | 3.00 .000 |
| Liabilities : |  |  |
| Creditors |  | 20,000 |
| Bills Payable |  | 15,000 |
| Outstanding Expenses |  | 10,000 |
| Provision of Income-Tax |  | 20,000 |
| Current Liabilities | . (A) | 65,000 |
| 10\% Debentures | 50,000 |  |
| Preference Share Capital |  | 50,000 |
| Equity Share Capital |  | 1,00,000 |
| Reserves \& Surplus |  | 35,000 |
| Non-current Liabilities | (B) | 2.35 .000 |
| Total Liabilities | ( $\mathrm{A}+\mathrm{B}$ ) | 3.00.000 |

Profit \& Loss A/c for the year ending $\mathbf{3 1}^{\text {st }}$ December, 2014

|  |  |  |
| :--- | :--- | :--- |
| Net Sales. |  | $3,00,000$ |
| Less : Cost of Goods sold |  | $1,75,000$ |
| Gross Margin |  | $1,25,000$ |
| Less : Operating Expenses : |  |  |
| Selling | 20,000 |  |
| Administrative | 25,000 |  |
| Finance | 10,000 | 55,000 |
| Oross Operating Profit |  | 70,000 |
| Depreciation |  | 15,000 |
| Net Operating Profit |  | 55,000 |
| Less : Interest Charges |  | 5,000 |
| Income before Tax (IBIT) | 50,000 |  |

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| . Less : Income Tax @ 40\% |  | 20,000 |
| :--- | :--- | :--- |
| Net Income after Tax |  | 30.000 |

16. The following figures are extracted from the annual reports of a company (? in lakh).

|  | 2011 | 2012 | 2013 | 2014 | 2015 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Cost of Material | 200 | 220 | 200 | 250 | 150 |
| Labour Cost | 150 | 140 | 175 | 150 | 200 |
| Other Conversion Costs | 200 | 150 | 175 | 140 | 150 |
| Total Manufacturing Cost of Goods sold | 550 | 510 | 550 | 540 | 500 |
| Sales | 1,000 | 1,100 | 950 | 1,000 | 1,200 |
| Gross Profit | 450 | 590 | 400 | 460 | 700 |
| Operating Expenses | 200 | 220 | 180 | 200 | 300 |
| Profit | 250 | 370 | 220 | 260 | 400 |

From the above :
i) Prepare Common-size Comparative Income Statement.
ii) Calculate trend ratios for each item taking 2011 as the base year.
17. From the following data, calculate the trend percentages :

|  | 2013 | 2014 | 2015 |
| :--- | :--- | :--- | :--- |
| Sales | $6,00,000$ | $8,00,000$ | $10,00,000$ |
| Cost of Goods sold | $3,00,000$ | $5,00,000$ | $6,00,000$ |
| Selling Expenses | $1,00,000$ | $1,50,000$ | $2,00,000$ |
| Administrative Expenses | 50,000 | 60,000 | 80,000 |
| Non-Operating Expenses | 30,000 | 40,000 | 20,000 |

18. Pass and Fail are partners of a firm carrying on business, a) Their position as on 31^* December, 2013, 2014 and 2015 are as follows :

| Liabilities | March 15 | March 14 | March 13 | Assets | March 15 | March 14 | March 13 |
| :--- | :---: | :---: | :---: | :--- | :--- | :---: | :---: | :---: |
| Partners Capitals | 400 | 340 | 300 | Fixed Assets Current | 400 | 360 | 280 |
| General Reserve | 100 | 100 | 100 | Assets : |  |  |  |
| Secured Loans | 60 | 60 | 50 | Stock Debtors | 160 | 150 | 135 |
| Unsecured Loan | 160 | 180 | 140 | Loan \& Advances | 200 | 160 | 140 |
| Sundry Creditors | 160 | 90 | 45 | Cash \& Bank | 100 | 80 | 60 |
|  |  |  |  | Balances | 20 | 20 | 20 |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  | 8.80 .000 | 7.70 .000 | 6.35 .000 |

b) Summarised Income Statement for the year ended :

|  | 31.12 .2015 | 31.12 .2014 | 31.12 .2013 |
| :--- | :--- | :--- | :--- |
| Income |  |  |  |
| Sales | $40,00,000$ | $36,00,000$ | $30,00,000$ |
| Less : Cost of Sales | $28,00,000$ | $24,00,000$ | $20,00,000$ |
| Gross Profit | $12,00,000$ | $12,00,000$ | $10,00,000$ |


| Less : Expenses | $8,00,000$ | $8,00,000$ | $7,00,000$ |
| :--- | :--- | :--- | :--- |
| Net Profit | 4.00 .000 | 4.00 .000 | 3.00 .000 |

Work out trend percentages and give your interpretations on the same. Also prepare vertical statements.
19. Following are the Trading \& Profit and Loss Accounts of Chaitali Ltd. for the years ended

| Particulars | $2014(?)$ | $2015(?)$ | Particulars | $2014(?)$ | $2015(?)$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| To Opening Stock | $1,25,000$ | 150.000 | By Sales | 2.50 .000 | $4,00,000$ |
| To Purchases | $2,00,000$ | $4,00,000$ | By Closing Stock | 1.50 .000 | $2,90,000$ |
| To Carriage Inward | 10,000 | 30,000 | Total |  |  |
| To Gross Profit C/D | 65,000 | 1.10 .000 |  |  |  |
| Total | 4.00 .000 | 6.90 .000 |  | 4.00 .000 | 6.90 .000 |


| To Office Expenses | 30,000 | 25,000 | By Gross Profit b/d | 65,000 | $1,10,000$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| To Selling Expenses | 15,000 | 30,000 |  |  |  |
| To Finance Expenses | 5,000 | 10,000 |  | - |  |
| To Net Profit c/d | 15,000 | 45,000 | - |  |  |
| Total | 65.000 | 1.10 .000 | Total | 65.000 | 1.10 .000 |

20. Complete the following Comparative Statement of ND Ltd. and capital.

| Particulars | Amount (?) |  |  | Change |
| :--- | :---: | :---: | :---: | :---: |
|  | 31.03 .2014 | 31.03 .2015 | Increase or <br> Decrease ( $+/-)$ | Percentage of <br> change ( $+/-)$ |
| Sources of Fund Equity Share <br> Capital | $?$ | $2,00,000$ | $?$ | Nil |
| Preference Share Capital | $1,50,000$ | $?$ | $(-) 50,000$ | $?$ |
| Reserves and Surplus | $?$ | $?$ | $?$ | $?$ |
|  | $5,30,000$ | $?$ | $?$ | $?$ |
| Less : Accumulated Losses | $?$ | 20,000 | p | Nil |
| Shareholder's Fund | $?$ | $?$ | $(-) 1,26,000$ | $?$ |
| Loan Fund 10\% Debentures | $?$ | $?$ | $?$ | $?$ |
| Sources of Funds | $7,10,000$ | $?$ | $?$ | $?$ |
| Application of Funds <br> Fixed Assets | $5,30,000$ | $?$ | $(-) 30,000$ | $?$ |
| Investment | $?$ | $?$ | $?$ | $(-) 50,000$ |
| Working Capital | $?$ | $?$ | $(-) 96,000$ | $(-) 120$ |
| Application of Funds | $?$ | $?$ | $?$ |  |

21. Prepare a Comparative Revenue Statement in Vertical Form from the following details: Nilkamal Ltd.

## Profit \& Loss A/c for the year eneded 31st March

| Particulars | 2014 | 2015 | Particulars | 2014 | 2015 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| To Opening Stock | $2,25,000$ | $3,00,000$ | By Sales | $45,00,000$ | $60,00,000$ |
| To Purchases | $22,50,000$ | $32,10,000$ | By Closing Stock | $3,00,000$ | $3,60,000$ |
| To Interest on Deb. | $1,50,000$ | $1,50,000$ | By Dividend | 12,000 | 39,000 |
| To Depreciation : |  |  | By Profit on Sale |  |  |
| Furniture | 15,000 | 15,000 | of Machinery | 24,000 | - |
| Machinery | 36,000 | 30,000 |  |  |  |
| To Administrative |  |  |  |  |  |
| Expenses | $2,94,000$ | $4,41,000$ |  |  |  |
| To Selling Expenses | $4,56,000$ | $7,53,000$ |  |  |  |
| To Carriage Outward | 75,000 | $3,15,000$ |  |  |  |
| To Loss by Fire | - | 15,000 |  |  |  |
| To Wages | $1,95,000$ | $3,00,000$ |  | - | - |
| To Provision for Tax | $5,70,000$ | $4,35,000$ |  | 48.36 .000 | 63.99 .000 |
| To Net Profit | $5,70,000$ | $4,35,000$ |  |  |  |
|  | 48.36 .000 | 63.99 .000 |  |  |  |

22. From the following balance sheet as on 31st March, 2014 and 31st March, 2015 of M/s. Successful Ltd. Prepare Comparative balance sheet for analysis purpose in vertical form.

| Assets : |  | 2014 | 2015 |
| :--- | :--- | :--- | :--- |
| Cash and Bank Balance |  | $6,00,000$ | $2,00,000$ |
| Short Term Investments |  | $2,00,000$ | $9,00,000$ |
| Accounts Receivable |  | $13,00,000$ | $10,00,000$ |
| Inventories |  | $15,00,000$ | $5,00,000$ |
| Prepaid Income Tax |  | $2,50,000$ | $2,00,000$ |
| Other Current Assets |  | $3,00,000$ | $2,50,000$ |
|  | 41.50 .000 | 30.50 .000 |  |
| Land and Building |  | $4,00,000$ | $2,50,000$ |
| Machinery |  | $6,00,000$ | $5,00,000$ |
| Furniture |  | $1,50,000$ | $1,00,000$ |
| Leasehold Land |  | $2,50,000$ | $2,50,000$ |
|  | $14,00,000$ | $11,00,000$ |  |
|  |  | 55.50 .000 | 41.50 .000 |
| Liabilities : |  | $12,00,000$ | $8,00,000$ |
| Bills Payable |  | $10,00,000$ | $5,00,000$ |
| Accounts Payable |  | $5,00,000$ | $2,00,000$ |
| Accrued Compensation and Employee Benefit | $2,00,000$ | $1,00,000$ |  |
| Income Tax Payable |  | 29.00 .000 | 16.00 .000 |
|  |  |  |  |
| Equity Capital |  | $6,00,000$ | $20,00,000$ |
| Reserve |  | $26,50,000$ | $2,50,000$ |
|  |  | 55.50 .000 | $41.50,000$ |
|  |  |  |  |

23. From the following Income Statement of M/s. Shritej Ltd., prepare the commonsize Revenue statement with amount and percentage in vertical form suitable for analysis. Income Statement for the year Ended on 31st March, 2015

| Particulars |  | Particulars |  |
| :--- | :--- | :--- | :--- |
| To Opening Stock of Finished Goods | $2,00,000$ | By Sales of Finished Goods | $10,00,000$ |
| To Material Consumed | $6,00,000$ | By Closing Stock of Finished |  |
|  |  | Goods | 45,000 |
|  | $1,25,000$ | Fy Goods Distributed as | 5,000 |
| To Wages | $1,25,000$ |  | - |
| To Factory Overhead | - |  | 10.50 .000 |
| To Gross Profit | 10.50 .000 |  | 0 |
|  | 1,500 | By Gross Profit | $2,65,000$ |
| To Staff Salaries | 10,000 | By Commission |  |
| To Telephone Charges | 10,000 |  |  |
| To Director's Fees | 12,500 |  |  |
| To Depreciation on Office Furniture | 5,000 |  |  |
| To Advertisement Expenses | 8,000 |  | - |
| To Free Samples | 5,000 |  | 2.65 .000 |
| To Publicity Expenses | 5,000 |  | $1,00,000$ |
| To Interest on Debentures | 88,000 |  | 88,000 |
| To Interest on Loan | 2.65 .000 |  | - |
| To Net Profit | 70,000 | By Balance b/d | 1.88 .000 |
|  |  | By Net Profit |  |
| To Proposed Dividend | $1,18,000$ |  |  |
| To Balance Tfd. to | 1.88 .000 |  |  |
| Balance Sheet |  |  |  |
|  |  |  |  |

24.From the following information prepare the common size revenue statement with amount and \% for the year ended on 31st March, 2015 in vertical form suitable for analysis :
Particulars
Opening Stock
\% on Net Sales of Rs. 5,00,000
Closing Stock
2
$\begin{array}{ll}\text { Closing Stock } & 3 \\ \text { Purchase } & 52\end{array}$
Office Expenses
4.75

Other Administrative Expenses
5.75

Distribution Expenses 6

Selling Expenses 4

Interest (Dr.) 1.50

Indirect W ages 1.50

Direct Wages 2
Provision for income tax is to be made @ $25 \%$ on net profit before tax.
25. Complete the following common size Income Statement:

| Particulars |  | $\%$ |
| :--- | :--- | :--- |
| Gross Sales | $9,90,000$ | $?$ |
| Less: Sales Return | $?$ | 10 |


| Net Sales | $?$ | $?$ |
| :--- | :--- | :--- |
| Less : Cost of Sales | $?$ | 40 |
| Gross Profit | $?$ |  |
| Less : Operating Expenses <br> a) Administrative Expenses | $?$ | $?$ |
| b) Finance Expenses | $?$ | 2 |
| c) Selling and Distribution Expenses | 72,000 | $?$ |
| Operating Net Profit | $?$ | $?$ |
| Add : Non Operating Income | 45,000 | $?$ |
| Less : Non Operating Expenses | $?$ | 15 |
| Net Profit before Tax | $?$ | 30 |

26. From the following financial statement of Royal Limited prepare a Common Size Financial Statement and give your comments on them.

Profit and Loss Accoun for the vear ended 31* March 2015

| Particulars |  | Particulars |  |
| :--- | :--- | :--- | :--- |
| To Opening Stock | 80,000 | By Sales | $4,00,000$ |
| To Purchases | $2,40,000$ | By Closing Stock | $1,20,000$ |
| To Wages | 50,000 |  |  |
| To Factory Overheads | 50,000 |  | - |
| To Gross Profit, c/d | $1,00,000$ |  | 5.20 .000 |
|  | 5.20 .000 |  | $1,00,000$ |
| To Administrative Expenses | 15,000 | By Gross profit b/d | 6,000 |
| To Selling and Distribution | 10,000 | By Dividend Received |  |
| To Depreciation | 13,000 |  | - |
| To Interest on Debentures | 4,000 |  | 1.06 .000 |
| To Net profit c/d | 64,000 |  | 40,000 |
|  | 1.06 .000 |  | 64,000 |
| To Preference Dividend | 3,000 | By Balance b/d | - |
| To Provision for Tax (2008) | 21,000 | By Net profit b/d | 1.04 .000 |
| To Surplus to Balance Sheet | 80,000 |  |  |
|  | $1,04.000$ |  |  |

Balance Sheet as on 31* March. 2015

| Liabilities |  | Assets |  |
| :--- | :--- | :--- | :--- |
| Equity Share Capital | $2,00,000$ | Goodwill | $1,00,000$ |
| Preference Share Capital | $1,00,000$ | Plant and Machinery | $1,00,000$ |
| General Reserves | 20,000 | Land and Building | $1,40,000$ |
| Profit \& Loss A/c Bal. | 80,000 | Furniture | 20,000 |
| Provision for Tax | 21,000 | Stock | $1,20,000$ |
| Bills Payable | 39,000 | Bills Receivable | 16,000 |
| Creditors | 100,000 | Debtors | 40,000 |
| Bank Overdraft | 20,000 | Bak | 44,000 |
|  | 580,000 |  | 580,000 |

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27. From the following Balance sheets as on 31s March 2014 and 31 March 2015 of M/s. Dhoom Pvt. Ltd. Prepare Common Size Financial Statements in vertical form.
Balance Sheet

| Liabilities | 2014 | 2015 | Assets | 2014 | 2015 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Share Capital | $4,00,000$ | $5,00,000$ | Fixed Assets | $5,40,000$ | $6.72,000$ |
| General Reserve | 20,000 | 40,000 | Investments | $1,30,000$ | 90,000 |
| Profit \& Loss A/c | 50,000 | 60,000 | Stock | 90,000 | 85,000 |
| 12\% Debentures | $1,00,000$ | $1,50,000$ | Debtors | 25,000 | 45,000 |
| Creditors | $1,35,000$ | 45,000 | Bills Receivable | - | 35,000 |
| Proposed Dividend | 40,000 | 50,000 | Cash | 10,000 | 5,000 |
| Provision for Tax | 60,000 | 80,000 | Bank | 8,000 | - |
| Bank Overdraft | - | 10,000 | Misc. Expenditure | 2,000 | 3,000 |
|  | 8.05 .000 | 9.35 .000 |  | 8.05 .000 | 9.35 .000 |

28. Shiv Leela Ltd. furnishes you with the following Financial Statements.

| Liabilities | Rs. | Assets | Rs. |
| :--- | :--- | :--- | :--- |
| Share Capital : |  | Building 2,00,000 |  |
| Equity | $1,00,000$ | Less : Depreciation 15,000 | $1,85,000$ |
| 12\% Preference | 50,000 | Short Term Investments | 40,000 |
| Reserves \& Surplus | 35,000 | Stock | 35,000 |
| 10\% Debentures (secured by |  | Debtors | 30,000 |
| Mortgage) | 50,000 | Bank | 10,000 |
| Bills Payable | 15,000 |  |  |
| Creditors for Goods | 20,000 |  |  |
| Outstanding Expenses | 10,000 |  |  |
| Provision for Taxation | 10,000 |  | - |
| Proposed Dividends | 10,000 |  | 3.00 .000 |


|  |  |  |  |
| :--- | :--- | :--- | :--- |
| To Opening Stock | 30,000 | By Sales |  |
| To Purchases | 180,000 | By Closing Stock | $3,00,000$ |
| To Expenses : | 25,000 |  | 35,000 |
| Administration | 30,000 |  |  |
| Selling | 5,000 |  |  |
| Financing | 15,000 |  |  |
| To Depreciation | 10,000 |  |  |
| To Provision for Taxation | 10,000 |  | 3.35 .000 |
| To Proposed Dividend | 30.000 |  |  |
| To Balance C/f | 3.35 .000 |  |  |
|  |  |  |  |

You are required to :
a) Convert the above into common-size statements in Vertical form.
b) Comment on above briefly
29. Following is the Balance Sheet of Kedar Ltd. as on 31st March, 2015.

| Equity \& Liabilities | Rs. | Assets | Rs. |
| :--- | :--- | :--- | :--- |
| Equity Share Capital | $2,00,000$ | Fixed Assets | $4,50,000$ |
| $10 \%$ Preference Share Capital | $2,50,000$ | Investments | $2,00,000$ |
| General Reserve | $1,50,000$ | Stock | 75,000 |
| Profit and Loss Account | 30,000 | Debtors | $2,50,000$ |
| $12 \%$ Debentures | $1,20,000$ | Bills Receivable | $1,25,000$ |
| Creditors | $3,00,000$ | Cash | 40,000 |
| Bills Payable | 80,000 | Preliminary Expenses | 10,000 |
| Outstanding Expenses | 20,000 |  | - |
| Total | 11.50 .000 | Total | 11.50 .000 |

Prepare a Common Size Balance Sheet from the above in vertical form.
30. From the following financial statements of Loyal Limited, prepare a common and give your comments on them.
Profit \& Loss A/c

|  |  |  |  |
| :--- | :--- | :--- | :--- |
| To Opening Stock | $4,00,000$ | By Sales | $20,00,000$ |
| To Purchases | $12,00,000$ | By Closing Stock | $6,00,000$ |
| To Wages | $2,50,000$ |  |  |
| To Factory Overheads | $2,50,000$ |  | - |
| To Gross Profit c/d | $5,00,000$ |  | 26.00 .000 |
|  | 26.000000 |  | $5,00,000$ |
| To Administrative Expenses | 75,000 | By Gross Profit b/d | 30,000 |
| To Selling of |  | By Dividend |  |
| Distribution Expenses | 50,000 |  |  |
| To Depreciation | 65,000 |  | 5.30 .000 |
| To Interest on Debentures | 20,000 |  | $2,00,000$ |
| To Net Profit c/f | $3,20,000$ |  | $3,20,000$ |
|  | 5.30 .000 |  | - |
| To Preference Dividend | 15,000 | By Balance b/d | 5.20 .000 |
| To Provision for Tax (2006) | $1,05,000$ | By Net Profit b/d |  |
| To Surplus to Balance Sheet | $4,00,000$ |  |  |
|  | $5.20,000$ |  |  |

## Balance Sheet as on 31rt March, 2015

| Liabilities |  | Assets |  |
| :--- | :--- | :--- | :--- |
| Equity Share Capital | $10,00,000$ | Goodwill | $5,00,000$ |
| Preference Share Capital | $5,00,000$ | Plant and Machinery | $5,00,000$ |
| General Reserve | $1,00,000$ | Land and Building | $8,00,000$ |
| Profit and Loss A/c Balance | $4,00,000$ | Furniture | $1,00,000$ |
| Provision for Tax | $1,05,000$ | Stock | $5,00,000$ |
| Bills Payable | $1,95,000$ | Bills Receivable | 80,000 |


| Bank Overdraft | $1,00,000$ | Debtors | $2,00,000$ |
| :--- | :--- | :--- | :--- |
| Creditors | $5,00,000$ | Bank | $2,20,000$ |
|  | 29.00 .000 |  | 29.00 .000 |

31. Lehman Brothers Income Statement for last four years ending 31s March, 2012, 2013, 2014 and 2015 shows following position. Prepare Trend Revenue statement in vertical form suitable (taking 31-3-12 as the base year)

| Particulars | Ending on $31^{\text {st }}$ March (Rupees in Crores) |  |  |  |
| :--- | :---: | :---: | :---: | :---: |
|  | 2012 | 2013 | 2014 | 2015 |
| Sales | 70 | 60 | 50 | 30 |
| Material Consumed | 21 | 18 | 15 | 9 |
| Wages | 7 | 6 | 2 | 1 |
| Gross Profit | $?$ | $?$ | $?$ | $\bullet$ |
| Office Rent | 7 | 7 | 7 | 7 |
| Office Salary | 14 | 14 | 14 | 3.50 |
| Other Administrative Expenses | 17.50 | 15 | 12.50 | 7.50 |
| Sales Promotion Expenses | 3.50 | 3 | 2.50 | 1.50 |
| Interest on Debentures | 10 | 10 | 10 | 10 |
| Dividend Received | 0.50 | 0.40 | 0.30 | 0.20 |

32. The following is financial information of ZN Ltd. for 3 years ended on 31st December every year.

| Particulars | 2013 | 2014 | 2015 |
| :--- | :---: | :---: | :---: |
| Share Capital | $1,50,000$ | $1,80,000$ | $1,90,000$ |
| Gross Profit | $3,50,000$ | $3,50,000$ | $4,00,000$ |
| Current Liabilities | 40,000 | $?$ | $?$ |
| Fixed Assets | $2,40,000$ | $2,50,000$ | $2,35,000$ |
| long Term Loan | $1,00,000$ | $?$ | $1,20,000$ |
| Cost of Goods Sold | $?$ | $4,00,000$ | $3,00,000$ |
| Working Capital | 60,000 | 45,000 | $1,40,000$ |
| Net Worth | $2,00,000$ | $2,20,000$ | $2,55,000$ |
| Current Assets | $?$ | $1,20,000$ | $2,00,000$ |
| Sales | $5,50,000$ | $7,50,000$ | $?$ |
| Capital Employed | $3,00,000$ | $?$ | $?$ |
| Reserve and Surplus | $?$ | 40,000 | 65,000 |

33. From the following Balance Sheets of Chetan Ltd. Prepare Trend Percentage statement in vertical form.

| Particulars | 2013 | 2014 | 2015 |
| :--- | :--- | :--- | :--- |
| Equity \& Liabilities |  |  |  |
| Equity Share Capital | 500 | 800 | 900 |
| $12 \%$ Preference Share Capital | 400 | 200 | 300 |

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| General Reserve | 120 | 210 | 280 |
| :--- | :--- | :--- | :--- |
| $14 \%$ Debentures | 100 | 250 | 150 |
| Creditors | 80 | 120 | 140 |
| Bills Payable | 100 | 80 | 60 |
| Outstanding Expenses | 20 | 30 | 10 |
|  | 1.320 | 1.690 | 1.840 |
| Assets |  |  |  |
| Fixed Assets | 500 | 700 | 700 |
| Investments | 300 | 330 | 420 |
| Stock | 200 | 100 | 200 |
| Debtors | 150 | 200 | 250 |
| Bills Receivable | 90 | 270 | 200 |
| Cash | 50 | 70 | 60 |
| Preliminary Expenses | 30 | 20 | 10 |
| Total | 1.320 | 1.690 | 1.840 |

34. Statement of M/s. Joshi Ltd. for the year ended 31st March.

| Particulars | Amount (? |  | in Lakhs) |  | Percentage Trend |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2011 | 2012 | 2013 | 2014 | 2011 | 2012 | 2013 | 2014 |
| Net Sale |  | 4,800 |  | 4,000 | 100 | 120 | 80 | 100 |
| 1-ess : Cost of Goods Sold |  |  | 2,560 | 3,000 | 100 | 110 | 100 |  |
| Gross Profit | 1,440 |  | 640 |  | 100 |  | 44.44 |  |
| Add : Non Operating Income | 300 | 180 | 270 |  | 100 | 60 | 90 | 50 |
| -ess : Non Operating Expenses | 20 |  | 16 | 32 | 100 | 40 |  | 160 |
| Profit Before Interest \& Tax | 1,720 | 2,156 | 894 | 1,118 | 100 |  |  | 65 |
| less : Interest |  | 80 | 240 | 120 | 100 |  | 600 |  |
| Profit Before Tax | 1,680 |  | 654 |  | 100 |  |  | 59.40 |
| 1ess : Tax | 840 |  |  | 499 | 100 |  | 38.93 |  |
| Profit After Tax | 840 | 1,038 | 327 |  | 100 |  |  | 59.40 |
| Less : Dividend | 20 |  | 18 | 6 | 100 |  | 90 | 30 |
| Net Earning | 820 | 820 | 309 | 493 | 100 | 100 |  |  |

35. From the following prepare trend revenue statement of Moon Limited after arranging in Vertical form (Ignore decimals):

| Particulars | $31-03-2012$ | $31-03-13$ | $31-03-14$ |
| :--- | :--- | :--- | :--- |
| Sales | $2,00,000$ | $2,50,000$ | $2,60,000$ |
| Materials Consumed | 30,000 | 50,000 | 50,000 |
| Direct Wages | 15,000 | 15,000 | 18,000 |
| Gross Profit | $?$ | $?$ | $?$ |
| Office Salaries | 12,000 | 14,000 | 15,000 |
| Office Rent | 3,000 | 4,000 | 5,000 |


| Other Admin. Expenses | 4,000 | 5,000 | 5,000 |
| :--- | :--- | :--- | :--- |
| Selling \& Distribution Expenses | 10,000 | 15,000 | 18,000 |
| Bad Debts | 1,000 | 1,500 | 500 |
| Debentures Interest | 3,000 | 3,000 | 3,000 |
| Dividend Received | 4,000 | 4,000 | 4,000 |
| Provision for Tax | $40 \%$ | $40 \%$ | $40 \%$ |

