

Time Allowed: 40 mins.

Maximum Marks: 20

1. Calculate Debt-Equity Ratio from the following information.

Fixed Assets(Gross)	Rs. 6,00,000
Accumulated depreciation	Rs. 1,00,000
Non- current Investments	Rs. 30,000
Long term loans and advances	Rs. 20,000
Current Assets	Rs. 2,50,000
Current Liabilities	Rs. 2,00,000
Long term borrowings	Rs. 2,00,000
Long term provisions	Rs. 1,00,000

2. Calculate propreitoy ratio if total assets to debt ratio is 2:1. Debt is rs. 2,00,000. Equity share capital is rs. 0.5 times of debt. Preference share capital is 25% of equity share capital. Net profit before tax is rs. 4,00,000 and rate of tax is 30%.

3. From the following information calculate Interest coverage ratio.

Net profit after interest and tx	96,000
Share capital	1,00,000
Reserve and surplus	1,50,000
Current liabilities	4,00,000
Current assets	5,50,000
Tangible fixed assets	7,00,000
Loan @10%	4,00,000
12% Denentures	2,00,000

Rate of income tax was 50%.

4. Opening inventory rs 29,000; purchases rs. 2,42,000; revenue from operations rs 3,20,000; Gross profit 25% on sales . Calculate inventory turnover ratio.

5. Calculate the value of opening inventory and closing inventory from the following information. Revenue form opertaions rs. 4,50,000; Gross profit was 25% above cost; opening inventory was rs. 10000 more than closing inventory, Inventory turnover ratio is 6 times.

6. Calculate trade receivables turnover ratio from the following

Closing debtors rs. 40,000; Net credit sales being 25% of Net cash sales, Excess of closing debtors over opening debtors rs. 20,000; Total Net sales rs. 1,50,000.

7. Calculate opening and closing Trade receivables from the following information in Trade receivables turnover ration is 3 times:

1) cash revenue from operations is $1/3^{\text{rd}}$ of credit revenue from operations

2) Cost of revenue from operations is rs. 2,40,000

3) Gross profit 25% on cost of revenue from operations

4) Trade receivables at the end were 3 times more than that of in the beginning.

8. Working capital rs. 2,50,000, cost of goods sold rs. 1,00,000; Gross profit on sales rs. 20%. Calculate working capital turnover ratio from the above information.

9. Cash purchases 25% of total purchases; revenue from operations 10,00,000; Gross profit 25% of sales, opening inventory rs. 2,50,000; closing inventory rs. 5,00,000. Trade payable ration is 3 times. Closing Trade payables were rs. 2,50,000 in excess of opening trade payables.

10. Average inventory rs. 1,60,000; Inventory turnover ratio 8 times, Average trade receivables rs. 2,00,000, Trade receivables turnover ratio 6 times, cash sales 25% of Net sales. Calculate Gross profit ratio.