Seat No.: ________ Enrolment No.___________

GUJARAT TECHNOLOGICAL UNIVERSITY

MCA - SEMESTER–I • EXAMINATION – SUMMER 2013

Subject Code: 610007 **Date: 17-06-2013**

Subject Name: Enterprise Resources & Financial Management

Time: 10:30am to 13:00pm **Total Marks: 70**

Instructions:

1. **Attempt all questions.**
2. **Make suitable assumptions wherever necessary.**
3. **Figures to the right indicate full marks.**

Q.1	(a)	What is Journal? Discuss the various types of Accounts with examples and explain the Accounting rules of Debit-Credit for the purpose of recording in the Journal.	07
	(b)	Discuss tangible and intangible benefits of the ERP system.	07
Q.2	(a)	Write the journal entries for the following transactions in the Books of M/S Roshan a) On 2 April 2012: A merchant started business with rupees 10,000/- b) On 2 April 2012: Deposited into Bank rupees 4,000/- c) On 5 April 2012: Purchased goods on Credit from Ram 4,000/- d) On 6 April 2012: Paid Cash to Mohan 500/- e) On 10 April 2012: Cash Sales 1,000/- f) On 15 April 2012: Sold goods to Sohan 2,000/- g) On 20 April 2012: Received Cash from Ganesh 6,000/- h) On 25 April 2012: Purchased Goods for Cash 2,000/- i) On 29 April 2012: Withdraw Cash from Bank 1,000/- j) On 30 April 2012: Goods given away as free samples 100/- k) On 30 April 2012: Stole away (Theft) Cash rupees 150/- and Goods rupees 200/-	07
	(b)	Define capital Budgeting. Explain various types of capital budgeting proposals.	07
		OR	
	(b)	What is a Ratio? How can solvency of a firm be measured? Discuss.	07
Q.3	(a)	From the following extracts and information obtained from the books of Mr. O.R. Patel prepare Trading and Profit & Loss Account for the year ended on 31st March 2012 and a Balance Sheet as on that date.	10

Particulars	Dr. (Rupees)	Cr (Rupees)
Capital		2,03,000
Drawings	15,000	
Land & Building	90,000	
Machinery	40,000	
Machine Tools	3,000	
Bills Receivable	3,000	

Opening Stock	40,000	
Purchases & Purchase Returns	51,000	2,650
Wages	20,000	
Carriage on Purchases	1,000	
Carriage on Sales	500	
Coal and Fuel	5,000	
Salary	5,000	
Rent and Taxes	2,800	
Discount	1,500	
Bills Payable		3,800
Bank Account	25,000	
Cash in Hand	400	
Debtors and Creditors	45,000	40,000
Repairs	1,800	
Purchase of New Land	7,500	
Bad Debts	1,200	
Advertisement	500	
Sales Return and Sales	2,000	1,15,000
Gas and Water	200	
Oil and Greese etc.	600	
Furniture	1,200	
Sundry Expense	800	
Printing and Stationary	450	
	3,64,450	3,64,450

Adjustments

(i) Closing Stock was valued for Rs. 60,000
(ii) Make Provision for Depreciation 5% on Machinery, 15% on Machine Tools and 5% on Furniture
(iii) Create a reserve of 5% for Bad Debts and 2.5% for Discount on Debtors
(iv) Outstanding wages for Rs. 1,500 and Salary for Rs. 450

	(b)	Define Standard Costing. Discuss its advantages and limitations.	04
		OR	
Q.3	(a)	What are the differences between Trial Balance and Ledger? Discuss.	07
	(b)	Do you consider depreciation as a source of funds? Why? Discuss any one method for calculating depreciation with example.	07
Q.4	(a)	State the difference between: (1) Profit & Loss Account and Balance Sheet (2) Fixed Costs and Variable Costs	07
	(b)	What is a Budget? What is budgetary control? Discuss the advantages & limitations of Budgetary control system.	07
		OR	
Q.4	(a)	From the following Trading and Profit and Loss Account of M/S Sohan & Co. for the year 31st March 2012	07

Particulars	Rs.	Particulars	Rs.
To Opening Stock	30,000	By Sales	2,00,000
To Purchases	1,75,000	By Closing Stock	55,000
To Wages	15,000		
To Gross Profit C/d	35,000		
	2,55,000		2,55,000
To Admin Exp.	15,000	By Gross Profit B/d	35,000
To Selling and Distr. Exp.	5,000	By Interest on Investment	5,000
To Office Exp.	3,000		
To No. Operating Exp.	10,000		
To Net Profit	7,000		
	40,000		40,000

Calculate:

(1) Gross Profit Ratio
(2) Operating Ratio
(3) Operating Profit Ratio
(4) Net Profit Ratio

	(b)	Write a short notes on Phases of Project management.	07
Q.5	(a)	Define ‘Data Mining’. Discuss the technologies used in Data Mining.	07
	(b)	What are the different modules of the ERP system? Discuss	07
		OR	
Q.5	(a)	Explain the following two methods of project appraisal with appropriate illustration: 1. Payback Period Method (PPM) 2. Net Present Values (NPV)	08
	(b)	What is BPR? Explain the activities involved in building the reengineering organization.	06