

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																					
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">Particulars</th> <th style="width: 20%;">Dr. (Rupees)</th> <th style="width: 20%;">Cr (Rupees)</th> </tr> </thead> <tbody> <tr> <td>Capital</td> <td></td> <td style="text-align: right;">2,03,000</td> </tr> <tr> <td>Drawings</td> <td style="text-align: right;">15,000</td> <td></td> </tr> <tr> <td>Land & Building</td> <td style="text-align: right;">90,000</td> <td></td> </tr> <tr> <td>Machinery</td> <td style="text-align: right;">40,000</td> <td></td> </tr> <tr> <td>Machine Tools</td> <td style="text-align: right;">3,000</td> <td></td> </tr> <tr> <td>Bills Receivable</td> <td style="text-align: right;">3,000</td> <td></td> </tr> </tbody> </table>	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		
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		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 31 st 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