Seat No.:	Enrolment No.
Seat No	Emoment no.

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VII • EXAMINATION – SUMMER 2013

•		Code: 172603	Date: 28-05-201	13	
•	: 02	Name: Rubber Plant and Process Engineering 2.30 pm - 05.00 pm ns:	g Total Marks: 7	70	
	2.	The state of the s			
Q.1	(a) (b)			07 07	
Q.2	(a)	Define the term "toxicity". Explain chronic toxicity a detail with examples.	and acute toxicity in	07	
	(b)				
		S.No. Particulars Amount Rs.			
		1. Sales 1,50,000 units at Rs. 200/- each			
		2. Raw material cost 80,00,000			
		3. Utility cost 15,00,000			
		4. Labour cost (daily 9,00,000 wages)			
		5, Salaries 20,00,000			
		6. Administrative 5,00,000			
		7. Rent, Insurance 2,00,000			
	(b)	Calculate variable cost, fixed cost, contribution and break installed capacity. OR List various component of total cost of project. Explain any		07	
0.0		T 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2		07	
Q.3	(a)	1			
	(b)	•		07	
0.2	(a)	OR			
Q.3		(a) Write a note on personal protective equipments.(b) Discuss about inerting and sprinkler system.			
	(D)) Discuss about merting and sprinkler system.		07	
			P.T.O		
Q.4	(a)	Draw the plant layout diagram for oil seal industry.			
	(b)	Describe the features of suburban site.		07	
		OR			
Q.4	(a)			07	
	(1)	government is helping entrepreneurs in solving these obsta		05	
	(b)	Why plant layout is required? Explain any three reaso	ons in detail.	07	
Q.5	(a)) Evnlain time study procedure		07	
Q.S	(a) (b)	* *		07	
	(D)	OR		U/	
Q.5	(a)			07	
٧.٠	, ,	Write a note on "Just In Time" and "Right First Time"	,,	07	