Enrol	lment	No.	

## **GUJARAT TECHNOLOGICAL UNIVERSITY** BE - SEMESTER-VIII • EXAMINATION – WINTER • 2014

	•		Date: 29-11-2014	
Tir	ne: () tructio 1.	t Name: Recent Advances in Manufacturing 22:30 pm - 05:00 pm Total Marks: ons: . Attempt all questions. . Make suitable assumptions wherever necessary.	70	
	3.	. Figures to the right indicate full marks.		
Q.1	(a) (b)	What are Different ERP modules and their Implementation procedures Are zero inventories feasible? If yes how?	07 07	
Q.2	(a) (b)	Write a note E-Commerce. State the importance of SCM to a company.	07 07	
	<b>(b)</b>	OR How MIS is helpful to an Industry?	07	
Q.3	(a) (b)	State the basic Components and Benefits of 5S in detail. What is JIDOKA meant for? How to implementing it? What are its benefits? <b>OR</b>		
Q.3	(a) (b)	Compare JIT and conventional manufacturing. What are obstacles in implementing KAIZEN Philosophy	07 07	
Q.4	(a) (b)	How an information flow network is designed? Select an organization and design the information flow network for it. What is SMED? Where it can be applicable? How does it work? Derive its merits and demerits with reasons.	07 07	
Q.4	(a)	OR Explain concept of value analysis	07	
ų. <del>,</del>	( <b>b</b> )	Differentiate value analysis and value engineering	07 07	
Q.5	(a) (b)	Explain TPS with suitable illustration. How to reduce an unnecessary cost in an Industry? OR	07 07	
Q.5	(a) (b)	What recent advances are there in Manufacturing Techniques? Explain advantages and limitations of E-Manufacturing?	07 07	

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