## GUJARAT TECHNOLOGICAL UNIVERSITY

GUJAKAT TECHNOLOGICAL UNIVERSITY BE - SEMESTER–VIII (OLD) - EXAMINATION – SUMMER 2017			
Subject Code:182502 Date:29/04/			17
Subject Name: Recent Advances in Manufacturing			
	Time:10:30 AM to 01:00 PM Total Marks		
Instructions:			
<ol> <li>Attempt all questions.</li> <li>Make suitable assumptions wherever necessary.</li> <li>Figures to the right indicate full marks.</li> </ol>			
Q.1	(a)	Explain briefly the concept of ERP. How does ERP help to achieve Business integration?	07
	<b>(b)</b>	Compare Value Analysis and Value Engineering.	07
Q.2	(a)	Explain the concept of supply chain. Discuss its importance in overall performance improvement of the organization	07
	(b)	Write a short note on E-commerce site Flipkart. OR	07
	(b)	Explain in brief the methods for improving forecasts in supply chain management.	07
Q.3	<b>(a)</b>	Explain Value Analysis procedure.	07
	<b>(b)</b>	Which are the seven wastes of JIT? Discuss them in brief.	07
0.1		OR	07
Q.3	(a) (b)	Write a short note on JIT.	07 07
<b>•</b> •		List and explain any two models of Supply Chain Management.	
Q.4	(a) (b)	Write a short note on JIDOKA.	07 07
	<b>(b</b> )	Write a short note on Management Information System. OR	07
Q.4	(a)	Explain the importance of employee involvement in implementation of KAIZEN.	07
	<b>(b)</b>	Explain external setup and internal setup in context of SMED.	07
Q.5	<b>(a)</b>	Write a short note on 5S.	07
-	<b>(b)</b>	Explain various hardware and software required for ERP. OR	07
Q.5	(a) (b)	State and explain various stages of ERP lifecycle. Write a short note on Management Information System.	07 07

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