Seat No.:	Enrolment No
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## GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VII EXAMINATION - WINTER 2015

Su	bject	Code: 171605 Date: 04/12/2015	
Su	bject	Name: Enterprise Resource Planning	
Time: 10:30am to 1:00pm Total Marks: 70 Instructions:			
IIIS	1. 2.	Attempt all questions.  Make suitable assumptions wherever necessary.  Figures to the right indicate full marks.	
Q.1		What do you mean by ERP? How was it evolved through MRP, Closed loop MRP, MRP-II and DRP? Write names of three companies developing ERP packages.	14
Q.2	(a) (b)	Explain E-Business and golden rules used in E-Business development Write differences between Data Processing System, Management Information System and Decision Support System.	07 07
	<b>(b)</b>	OR Which factors are generally used in deciding material requirement in MRP? Write in detail.	07
Q.3	(a) (b)	What is PDM and how do we use it in better manufacturing processes?  What are the functions of Quality Management module?  OR	07 07
Q.3	(a)	What are the various subsystems of the Plant Maintenance module? Explain in detail.	07
	<b>(b)</b>	Explain the benefits organizations can enjoy by implementing ERP package in their organizations.	07
Q.4		What are the various subsystems of the Materials Management module? Explain in detail.	14
		OR	
Q.4		What are the various subsystems of the Finance module? Explain in detail.	14
Q.5		Explain eBusiness architecture as an integration of various systems like (a) CRM, (b) ERP, (c) Selling Chain Management, (d) Operating Resource Management, (e) Enterprise Application Integration and (f) Business Analysitic, Knowledge Management and Decision Support  OR	14
Q.5	(a) (b)	Explain the steps used for implementing ERP packages.  Write a case study of any ERP package with modules included in it and features provided	07 07

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