Seat No.:	Enrolment No
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## **GUJARAT TECHNOLOGICAL UNIVERSITY**

## **BE - SEMESTER-V • EXAMINATION - SUMMER • 2015**

Subject Code: 152505 Subject Name: Project Management Time: 02.30pm-05.00pm Instructions:  Date: 15/05/2			Date: 15/05/2015	
		70		
	1. 2. 3.	Attempt all questions.  Make suitable assumptions wherever necessary.  Figures to the right indicate full marks.		
Q.1	(a) (b)	Define project. Classify the project and explain in brief. What do you understand by phases of project management?	07 07	
Q.2	(a) (b)	Write a short note on work break down structure. What is project overview statement (POS)? Explain its parts.  OR	07 07	
	<b>(b)</b>	Explain the requirement of joint project planning session to develop POS.	07	
Q.3	(a) (b)	Write a short note on resource requirement.  Explain estimation of project with respect to activity duration.  OR	07 07	
Q.3	(a) (b)	Describe resource leveling and its importance.  Explain the format of work package with reference to its purpose.		
Q.4	(a)	Explain the rule to draw a network diagram by plotting a network of your choice.	07	
	<b>(b)</b>	Differentiate between CPM and PERT.  OR	07	
Q.4	(a) (b)	Define critical path, ES, EF, LS, LF, dummy activity and slack. Write a brief note on resource allocation.	07 07	
Q.5	(a) (b)	Describe crashing of project network.  Elaborate different time estimates in PERT.  OR	07 07	
Q.5	(a)	What is joint project planning? Which facilities are to be considered for the purpose?	07	
	<b>(b)</b>	Make a project proposal of manufacturing a 100 passenger vessel.	07	

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