Seat No.:	Enrolment No.

## **GUJARAT TECHNOLOGICAL UNIVERSITY**

## ME- SEMESTER II— EXAMINATION – SUMMER 2015

Subject Name: Software Project Management			Date: 01/06/2015  Total Marks: 70	
		:30 PM - 5:00 PM Total Marks:		
	1. 2. 3.	Attempt all questions.  Make suitable assumptions wherever necessary.  Figures to the right indicate full marks.		
Q.1	(a) (b)	Explain the steps of software development cycle. How do you plan for testing for a project? Discuss various testing strategy.	07 07	
Q.2	(a) (b)	Explain various attributes of measures.  Explain any three quantitative techniques for project monitoring and control.  OR	07 07	
	<b>(b)</b>	Explain configuration management process.	07	
Q.3	(a) (b)	Explain any seven quality principles defined by Dr. W. Edwards Demingøs. Explain risk management.	07 07	
Q.3	(a) (b)	OR Explain different phases in RFP process. Explain steps involved in internal benchmarking.	07 07	
Q.4	(a) (b)	Explain capability level of CMMI.  Discuss the key issues in software maintenance.  OR	07 07	
Q.4	(a) (b)	Explain test strategies for object oriented system. Explain white box testing with suitable examples.	07 07	
Q.5	(a) (b)	What is test case? Explain test case generation methodology. Explain data flow and transaction flow testing.  OR	07 07	
Q.5	(a) (b)	Explain web based testing. Explain CMMI vs CMM.	07 07	

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