Seat No.:	Enrolment No
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GUJARAT TECHNOLOGICAL UNIVERSITY

ME - SEMESTER- II(New course) • EXAMINATION (Remedial) - WINTER- 2015

Subject Code: 2720211 Subject Name: Software Project Management Time:2:30 pm to 5:00 pm Instructions: Date: 11/12/			11/12/2015	
		70		
		Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.		
Q.1	(a) (b)	Explain the roles and responsibilities of different stack holders in developing the software project. Draw and explain the diagram for a typical project organization Structure.	07 07	
Q.2	(a) (b)	Explain any three quantitative techniques for project monitoring and control. Define Software Metrics. Explain Basic and derived metrics in detail. OR	07 07 07	
	(b)	Explain Configuration management Audit.	07	
Q.3	(a) (b)	Give the difference between Quality Assurance and quality control. Explain risk management process in detail. OR	07	
Q.3	(a)	List and explain the points proposed by Tom Sant for preparing a winning project proposal.	07	
	(b)	What is benchmarking? Explain it stypes.	07	
Q.4	(a)	Define CMMI Framework. Explain the process areas in different maturity levels of CMMI.	07	
	(b)	Explain software project maintenance life cycle in detail. OR	07	
Q.4	(a) (b)	Explain the COCOMO model for project estimation in detail. Explain the test strategy for web based system.	07 07	
Q.5	(a) (b)	Explain Domain testing and Usage based testing. What is test case? Explain test case generation methodology. OR	07 07	
Q.5	(a) (b)	Give the difference between CMMI and CMM models. Explain Reverse Engineering and Re-Engineering method.	07 07	
