GUJARAT TECHNOLOGICAL UNIVERSITY

ME - SEMESTER II- EXAMINATION - WINTER - 2016

Subject Name: Software Project Management			21/11/ 2016 Il Marks: 70	
Q.1	(a)	What are the roles and responsibilities different members in development of project?	07	
	(b)	Explain process database and process capability baseline. How baseline is calculated?	07	
Q.2	(a) (b)	Explain the process of project planning in detail. Define the S/W metrics. Explain the typical attributes of measure in detail. OR	07 07	
	(b)	What is configuration management? Explain configuration management process in detail	07	
Q.3	(a)	What is S/W Quality? Explain and differentiate quality assurance and quality control.	07	
	(b)	Explain Quantitative techniques in project monitoring and control processes with its diagrams.	07	
		OR		
Q.3	(a) (b)	Explain the Dr. W. Edwards Deming's quality principles in detail. What are the various S/W Risks? Explain Risk management process in detail.	07 07	
Q.4	(a) (b)	What is benchmarking? Explain it's different types in detail. What is process tailoring? What are the various processes that can be tailored? And Give examples of tailoring.	07 07	
Q.4	(a) (b)	OR List out all Activities of Software Quality Advisor. Explain the best practices proposed by Tom Sant for preparing a winning proposal.	07 07	
Q.5	(a) (b)	Give the difference between CMM and CMMI models. Explain the standard CMMI appraisal method for process improvement. OR	07 07	
Q.5	(a)	Explain following types of testing in brief: (1) Domain testing (2) Transaction-flow testing (3) Integration testing.	07	
	(b)	Explain the component level testing for web application.	07	