Seat No.:	
Deat 110	

Enrolment No.

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GUJARAT TECHNOLOGICAL UNIVERSITY MCA - SEMESTER- V • EXAMINATION – WINTER - 2016

Subject Code: 2650020 Date:24/11/ 2016 Subject Name: Software Project Management

Time: 10.30 am to 01.00 pm Total Marks: 70

Instructions:

Attempt all questions.
Make suitable assumptions wherever necessary.
Figures to the right indicate full marks.
Q. 1 (a) 1. What is SRS? What is the use of SRS?
What are the Three Classes of Portfolio models?

3. State the characteristics of the "V shape SDLC model".

- Q. 1 (b) What are the guiding principles for selecting a project team? Explain.Q. 2 (a) Explain the top down and bottom up work break down structure with the help of a
- suitable diagram. 7
 - (b) Discuss the contents of a Software Project Management Plan. 7

OR

- (b) Detail the advantages and disadvantages of the Matrix Organization.7O. 3 (a) State and Explain the various criteria to be used in selecting Software Configuration
- management tools. 7
 - (b) Sort note: Software Quality Assurance plan 7

OR

- Q. 3 (a) Briefly outline the challenges involved in managing domain processes.
 - (b) Illustrate the PERT method of identifying the critical path of a project.
- Q. 4 (a) Discuss the Structure, advantage and limitation of SLIM.
 - (b) Bring out the significance of resource leveling in Software project.

Q. 4 (a)	With neat sketch, Explain the steps of software effort and cost estimation.	
(b)	Write about critical chain scheduling.	7
Q. 5 (a)	(a) Explain the steps in product development life cycle.	
(b)	Briefly explain the three levels of COCOMO model.	7
	OR	
Q. 5 (a)	Explain basic steps of Function Point Analysis.	
(b)	Describe the Five levels of SEI-CMM.	