Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

MCA - SEMESTER- V EXAMINATION – SUMMER 2016

Subject Name: Software Project Management (SPM) Time: 10.30 AM TO 01.00 PM Instructions: Total Mark		Code:2650020 Date:11/05/ 20	Date:11/05/ 2016	
		s: 70		
	2.	Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.		
Q.1	(a)	What is software project management? What are the categories of software projects?	07	
	(b)	Explain major activites carrioudout by a software manager.	07	
Q.2	(a) (b)	How the feasibility of an individual project can be evaluated, discuss. What is cash flow? How will you find the present value of future cash flow? OR	07 07	
	(b)	Explain COCOMO-II model in detail.	07	
Q.3	(a) (b)	Discuss the three approaches to identifying activities. Explain waterfall and spiral model and various activities in each phase. OR	07 07	
Q.3	(a) (b)	Explain the Oldhan-hackman job characteristics model. Define stress. Give the difference between personal and organisational stress.	07 07	
Q.4	(a) (b)	List the factors that are involved in making a team. Explain characteristics of team also. Explain the process of prioritizing monitoring. Give example.	07 07	
Q.4	(a) (b)	OR Explain various issues to address in evaluating the risk before deciding to take up a project. Explain how risks are handled in a project. Give example.	07 07	
Q.5	(a) (b)	List down the typical term in a contract and explain them in detail. Explain with an example how critical path can be identified in precedence networks.	07 07	
Q.5	(a) (b)	OR Define Software quality. Discuss the importance of software quality. Discuss the techniques to help in enhancing software quality.	07 07	
