

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-VII (NEW) EXAMINATION – SUMMER 2022****Subject Code:3171609****Date:03/06/2022****Subject Name:Software Project Management****Time:02:30 PM TO 05:00 PM****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Simple and non-programmable scientific calculators are allowed.

		MARKS
Q.1	(a) What are the characteristic that make software project different from other project?	03
	(b) Explain the major activities carried out by Software Project Management?	04
	(c) Describe major phases of Software Development life cycle.	07
Q.2	(a) Which factor decides the success of a project?	03
	(b) Explain major activities carry out by a software manager.	04
	(c) Discuss the role of cost estimation in software development project. Briefly explain COCOMO model for cost estimation for all categories of project.	07
OR		
	(c) Discuss Capability Maturity Model (CMM) in detail.	07
Q.3	(a) Difference between ISO9000 and SEI-CMM.	03
	(b) Explain basic steps of Function Point Analysis.	04
	(c) Explain PERT & CPM techniques in brief	07
OR		
Q.3	(a) How Activity Planning done? Explain How to Identifying Critical Activities?	03
	(b) What is Different between methods and Methodologies?	04
	(c) What is Process Model? Explain how to choose process model	07
Q.4	(a) What is SRS? What is the use of SRS ?	03
	(b) Briefly Discuss Work Breakdown Structure.	04
	(c) What is Risk? List Categories of Risk and Explain How to Evaluating Risk	07
OR		
Q.4	(a) What are the features of EVA?	03
	(b) Discuss Redevelopment vs. Reengineering.	04
	(c) Define Software Quality? Explain How Techniques Help Enhance Software Quality?	07
Q.5	(a) What is Software Re-Engineering? List out Various Activites of Software Re-Engineering.	03
	(b) Briefly explain Elements in Closure Analysis Report.	04
	(c) Discuss step wise project planning with an example.	07

OR

- Q.5** (a) Explain Advantage and disadvantage of Software Re-Engineering. **03**
(b) Explain Stress and its significance in IT projects. **04**
(c) Write short note on Software Configuration Management. **07**
