GUJARAT TECHNOLOGICAL UNIVERSITY
B.VOC - SEMESTER– IV EXAMINATION – WINTER 2023

Subject Code:21140201   **Date:02-12-2023**

Subject Name: Software Testing and Project Management

Time:02:30 PM TO 04:30 PM   **Total Marks:50**

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.

Q.1	**(a)**	Define software Quality. List and explain FIVE views of quality.	**05**
	(b)	Explain Scope management process in detail.	**05**
Q.2	**(a)**	What is Acceptance Testing? List and Explain types of it.	**05**
	(b)	Explain process of Performance testing.	**05**
		OR	
	(b)	Explain various issues in Project Management.	**05**
Q.3	**(a)**	Explain Ad-hoc testing with suitable example.	**05**
	(b)	List software testing tools and explain any two in detail.	**05**
		OR	
Q.3	**(a)**	Explain different techniques of Object-Oriented Testing.	**05**
	(b)	Explain factors related to performance testing.	**05**
Q.4	**(a)**	What is static and dynamic testing? Explain with examples.	**05**
	(b)	Create SRS for Attendance Maintenance System.	**05**
		OR	
Q.4	**(a)**	Give the difference between functional testing and non-functional testing.	**05**
	(b)	Create SRS for Hospital Management System.	**05**
Q.5	**(a)**	Explain COCOMO Model in detail.	**05**
	(b)	Explain Gantt Chart in detail.	**05**
		OR	
Q.5	**(a)**	Explain network scheduling techniques (PERT, CPM) in detail.	**05**
	(b)	Explain WBS for Online Teaching System.	**05**

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