GUJARAT TECHNOLOGICAL UNIVERSITY
B.VOC- SEMESTER–IV EXAMINATION – SUMMER 2025

Subject Code:21140201   **Date:09-05-2025**
Subject Name: Software Testing and Project Management
Time:10:30 AM TO 12:30 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.**

			Marks
Q.1	**(a)**	Draw and explain V-model for testing and development phases.	**05**
	(b)	Give the difference between white box testing and black box testing.	**05**
Q.2	**(a)**	Explain Acceptance Testing in detail.	**05**
	(b)	Define software Quality. List and explain FIVE views of quality.	**05**
		OR	
	(b)	Explain Positive Testing and Negative Testing in detail.	**05**
Q.3	**(a)**	Explain buddy and pair testing in detail.	**05**
	(b)	Explain features of WinRuuner Software Testing Tool.	**05**
		OR	
Q.3	**(a)**	Explain different techniques of Object-Oriented Testing.	**05**
	(b)	Explain features of LoadRunner Software Testing Tool.	**05**
Q.4	**(a)**	Explain Project Management Framework.	**05**
	(b)	Create SRS for Attendance Maintenance System.	**05**
		OR	
Q.4	**(a)**	Explain scope management process in detail.	**05**
	(b)	State Functional and Non-Functional Requirements for Library Management System.	**05**
Q.5	**(a)**	Explain Gantt Chart in detail.	**05**
	(b)	Create WBS for Online Teaching System.	**05**
		OR	
Q.5	**(a)**	Explain Delphi Method in detail.	**05**
	(b)	Create Gantt Chart for Hospital Management System.	**05**

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