GUJARAT TECHNOLOGICAL UNIVERSITY
BVOC- SEMESTER– IV EXAMINATION – SUMMER 2023
Subject Code:21140201   **Date:22-06-2023**
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)	Explain Waterfall Process Model with suitable diagram.	**05**
	(b)	Explain and difference between Verification and Validation in Software Testing.	**05**
Q.2	(a)	Explain COCOMO Model for Project estimation.	**05**
	(b)	Explain Integration testing.	**05**
		OR	
	(b)	Explain White Box Testing with an example.	**05**
Q.3	(a)	List set of Guidelines for BVA. Also Explain merits and demerits of BVA.	**05**
	(b)	Compare and Contrast Alpha and beta testing.	**05**
		OR	
Q.3	(a)	Explain Project Scheduling and tracking.	**05**
	(b)	Write a short note on "Ad hoc Testing".	**05**
Q.4	(a)	Explain SRS in detail.	**05**
	(b)	Explain use of PERT in Project Management.	**05**
		OR	
Q.4	(a)	Explain Product Breakdown structure and Work Breakdown structure with suitable examples.	**05**
	(b)	What is Regression testing? Explain one Techniques of Regression testing.	**05**
Q.5	(a)	Explain SDLC with suitable diagram.	**05**
	(b)	Difference between Functional and Non Functional Requirements.	**05**
		OR	
Q.5	(a)	Explain Exploratory and Agile Testing.	**05**
	(b)	What are types of Metrics?	**05**

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