



**PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR**  
**DEPARTMENT OF COMPUTER TECHNOLOGY**  
**ACADEMIC SESSION: 2022-23 (EVEN SEMESTER)**  
**QUESTION BANK FOR CAT-II**

<b>Subject</b>	:	Software Testing and Quality Assurance (BTCT603-2T)	<b>Semester</b>	:	VI - A and B
<b>Subject Teacher</b>	:	Prof. P. U. Tembhare   Prof. Amita Suke	<b>Date of Display</b>	:	29-03-2023
<b>Unit</b>	:	III, IV and V			

**Course Outcomes:**

After completing the course, students will be able to :

- CO3 :** Prepare test planning based on the document, develop and validate a test plan
- CO4 :** Document test plans and test cases designed.
- CO5 :** Use automatic testing tools.

<b>Que. No.</b>	<b>Questions</b>	<b>Mapping with CO</b>	<b>BT Level I</b>
1. a)	What is Integration test? Explain with an example	CO3	II
1. b)	Explain Acceptance Testing.	CO3	II
2. a)	Give the difference between Alpha testing and Beta testing.	CO3	II
2. b)	What is Usability Testing and Accessibility testing?	CO3	II
3. a)	What are the levels of testing in software testing?	CO4	II
3. b)	Explain Exploratory testing and give the execution steps for it.	CO4	II
4. a)	What is a test data in software testing?	CO4	II
4. b)	What is Test Data Generation? Why test data should be created before test execution?	CO4	II
5. a)	What are the approaches for Test Data Generation in Software Testing.	CO4	II
5. b)	Explain the test plan with proper scenario.	CO4	II

6. a) What is the Scope of Automation?	CO4	II
6. b) Enlist the Criteria for Selecting a Testing Tool.	CO4	II
7. a) Explain how the Progress metrics is calculated.	CO4	III
7. b) Define Object Oriented testing and explain its related issues.	CO5	II
8. a) What is object oriented Integration?	CO5	II
8. b) What is Web testing?	CO5	II
9. a) What is Syntax testing and write in detail about its formats and test cases.	CO5	II
9. b) Illustrate logic based testing.	CO3	II
10. a) Write short note on : 1. Transition testing 2. State testing	CO5	II



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