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**PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR**

**DEPARTMENT OF COMPUTER TECHNOLOGY**

**ACADEMIC SESSION: 2022-23 (EVEN SEMESTER)**

**QUESTION BANK FOR CAT-II**

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| **Subject** | | | | : | Software Testing and Quality Assurance (BTCT603-2T) | | | **Semester** | : | VI - A and B | | | |
| **Subject Teacher** | | | | : | Prof. P. U. Tembhare | Prof. Amita Suke | | | **Date of Display** | : | 29-03-2023 | | | |
| **Unit** | | | | : | 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. | | | | | | | | | | |
| **Que. No.** | | **Questions** | | | | | | | | **Mapping with CO** | **BT Level** |
| 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 Alpa 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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|  | | | | | **SIGN_AMITA SUKE MADAM** | nita_mam_sign1-removebg-preview | | | | | | |
| **Prof. P. U. Tembhare | Prof. Amita Suke** | | | | | | **Dr. (Mrs.) N. M. Thakare** | | | | | | |
| Subject Teachers | | | | | | HOD, CT | | | | | | |
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