



PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR
DEPARTMENT OF COMPUTER TECHNOLOGY
ACADEMIC SESSION: 2022-23 (EVEN SEMESTER)

ASSIGNMENT-1

Subject	: Software Testing and Quality Assurance (BTCT603T-2)	Semester	: VI - A and B
Subject Teacher	: Prof. A. P. Suke Prof. P. U. Tembhare	Assignment No.	: 1
Unit	: I, II and III	Date of Display	: 16-02-2023

Course Outcomes:

After completing the course, students will be able to :

- CO1 :** Explain test cases, Verification, Validation, bugs and TQM.
CO2 : Design and apply test cases suitable for a software development.
CO3 : Explain and apply different levels of testing.

Sr. No.	Que. No.	Questions	Mapping with CO	BT Level
1	1.	Difference between Verification and Validation.	CO1	II
2	2.	What is a test case? Design the test case for the scenario: "Check Login Functionality"	CO1	II
3	3.	Differentiate between Black box testing and White box testing.	CO2	II
4	4.	Enlist any four tools to perform white box testing. Also explain advantages and disadvantages of white box testing.	CO2	II
5	5.	What is unit testing? Explain in detail with suitable example.	CO3	II

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