**Choice Based Credit System Sixth Semester B.C.A. Degree
Examination, July/August 2023
(2021 – 22 Batch Onwards)
SOFTWARE TESTING**

Time : 3 Hours   Max. Marks : 80

Note : Answer **any ten** questions from Part – **A** and **any one full**
question from **each** Unit in Part – **B**.

PART – A

1. a) What is Software Testing ?   (10×2=20)

    b) Differentiate White Box and Black Box Testing.

    c) What do you mean by Acceptance Testing ?

    d) What is Module Testing ?

    e) List the various Testing Stages.

    f) What is Beta Testing ?

    g) What is Stress Testing ?

    h) What is Execution Testing ?

    i) Differentiate Static and Dynamic Testing Tools.

    j) Define Test Policy.

    k) Define Metrics.

    l) What is Benchmarking ?

PART – B
Unit – I

2. a) What are the salient features of Good Testing ?

    b) Describe the advantages and disadvantages of White Box Testing.

    c) Describe various misconceptions about testing.   (5+5+5)

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3. a) Explain the challenges faced by testers.

   b) Describe the advantages and disadvantages of Self-Review.

   c) Explain the different levels of Validation.   (5+5+5)

Unit – II

4. a) Explain various characteristics of Requirement Testing.

   b) Describe Code Review and Unit Testing process.

   c) Describe Alpha testing. What are its advantages and disadvantages ? (5+5+5)

5. a) Describe Design Verification and Validation process.

   b) Describe customer responsibilities during acceptance testing.

   c) Describe Bottom-Up approach for integration.   (5+5+5)

Unit – III

6. a) Explain Regression Testing.

   b) Briefly explain Error Handling Testing.

   c) Mention the difficulties faced while introducing New Tools.   (5+5+5)

7. a) Explain Recovery Testing.

   b) Mention the advantages and disadvantages of using Testing Tools.

   c) Explain Partial Automation.   (5+5+5)

Unit – IV

8. a) Explain advantages of Test Planning.

   b) Explain Test Standards.

   c) Briefly explain the characteristics of Good Test Case.   (5+5+5)

9. a) Explain Test Plan Benefits.

   b) Explain different aspects involved in the generation of Test Data.

   c) Explain different Test Reports.   (5+5+5)

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