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VI Semester B.C.A. Degree Examination, June/July - 2026

COMPUTER APPLICATIONS**Software Testing****(NEP Scheme)****Paper - 3****Time : 2½ Hours****Maximum Marks : 60****Instructions to Candidates:**

Answer all the Sections.

SECTION - A**I. Answer any Four questions. Each question carries Two marks. (4×2=8)**

1. What is software Testing?
2. What is an Error and Failure?
3. What do you mean by Equivalence classes?
4. What do you mean by SATM System?
5. Mention any two issues of object oriented using.
6. What is mean by exploratory testing?

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SECTION - B**II. Answer any Four questions. Each question carries Five marks. (4×5=20)**

7. Explain testing life cycle.
8. What is verification and validation in Software Testing? Explain the techniques for verification and validation.
9. Write the differences between weak normal and strong normal equivalence testing.
10. Explain equivalence class Test cases for The Next Date function.
11. Explain model based testing.
12. Write the Advantages and Dis-advantage of automated test execution.

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SECTION - C

III. Answer any Four questions. Each question carries Eight marks. (4×8=32)

13. Discuss the guidelines for Boundary value testing.
14. Explain the forms or variations of Equivalence class Testing with examples.
15. Explain the Test cases for the Triangle problem in Decision Table Based Testing.
16. List the characteristics of data flow testing.
17. What is Client Server Testing? Explain the Testing strategy.
18. Discuss interaction in single processor.

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