QP CODE 16444

Fourth Semester B.C.A Degree Examinations

MAY/JUNE 2026

(SEP Scheme)

PAPER SED 6440: SOFTWARE TESTING (Elective – II)

Time: 2 hrs] *[Max. Marks: 40*

Instructions to Students:

1. ***All Sections are Compulsory.***
2. ***Draw neat and labeled diagrams wherever necessary.***

SECTION – A

I. Answer all the following questions: 2 × 5 = 10

1. What is software testing? What are its goals?
2. Expand SDLC and STLC.
3. Mention any ONE functional and non-functional testing types.
4. List any two configuration management tools.
5. Mention any TWO automation framework.

SECTION – B

II. Answer any SIX of the following questions: 5 × 6 = 30

6. Explain software testing principles.
7. What are the differences between debugging and testing?
8. Explain the phases of STLC.
9. Explain black box testing techniques.
10. Write a note on smoke testing and sanity testing.
11. Write a note on Security Testing and Compatibility Testing.
12. Explain impact Analysis in maintenance testing.
13. Briefly explain Selenium architecture.

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