B.C.A. (Part–III) Semester–VI Examination

SOFTWARE TESTING

Paper–6ST4

Time : Three Hours]   [Maximum Marks : 60

Note :— (1) All questions are compulsory and carry equal marks.

(2) Assume suitable data wherever necessary.

1. (a) Explain software testing with fundamental principles of testing.   6

    (b) Explain Quality Assurance and Quality Control.   6

OR

2. (a) Explain phases of software project.   6

    (b) Explain verification and validation in software testing.   6

3. (a) Explain White Box testing with example.   6

    (b) Explain code complexity testing.   6

OR

4. (a) Explain code functional testing.   6

    (b) Explain requirement based testing.   6

5. (a) Explain Non-functional system testing.   6

    (b) Explain system integration from integration testing.   6

OR

6. (a) Explain interpretability testing.   6

    (b) Explain Bi-directional integration system.   6

7. (a) Explain the methodology for performance testing.   6

    (b) Explain acceptance testing in detail.   6

OR

8. (a) Explain acceptance criteria.   6

    (b) Explain performance testing in detail.   6

9. (a) Explain Regression Testing.   6

    (b) Explain test summary report for test planning.   6

OR

10. (a) Explain types of regression testing.   6

    (b) Explain criteria for selecting test case.   6