

Roll No.

Y – 3648

B.C.A. (Sixth Semester) EXAMINATION,

May/June-2021

Paper – BCA-604

SOFTWARE TESTING

Time : Three Hours

Maximum Marks : 80

Minimum Pass Marks : 32

Note—Attempt *all* the questions.

Unit-I

1. (a) Explain Tester's role in a software development organization. 8
- (b) State the principles of Software Testing. 8

Unit-II

2. (a) Why compatibility testing is performed ? Explain. 8
- (b) Explain boundary value analysis in detail. 8

Unit-III

3. (a) Differentiate between white box testing and black box testing. 8
- (b) Write an explanatory note on Coverage and Control Flow graphs. 8

Unit-IV

4. (a) Explain the need for different levels of testing. 8
- (b) Describe integration testing in detail. 8

Unit-V

5. (a) Explain the advantages of automatic testing over manual testing. 8
- (b) Describe functional testing tools. 8

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