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PA—311—2024

FACULTY OF SCIENCE AND TECHNOLOGY

B.Sc. (Third Year) (Sixth Semester) EXAMINATION

MARCH/APRIL, 2024

(CBCS/New Pattern)

COMPUTER SCIENCE

(Paper—XIV)

(Software Testing)

(Tuesday, 30-04-2024)

Time : 10.00 a.m. to 12.00 noon

Time—2 Hours

Maximum Marks—40

N.B. :— (i) Attempt *all* questions.

(ii) Assume suitable data, if necessary.

1. Describe the strategic approach to software testing. 15

Or

(a) Explain software quality concepts. 8

(b) Explain formal technical reviews. 7

2. What is basis path testing ? Explain with example use of flow graph to calculate cyclomatic complexity. 15

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(2)

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Or

- (a) Describe the testing strategies of mobile apps. 8
- (b) Explain web app testing process. 7
3. Write short notes on (any *two*) : 10
- (a) SQA Tasks
- (b) Validation testing
- (c) Testability
- (d) Errors within web app environment.