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VA—314—2024

FACULTY OF SCIENCE AND TECHNOLOGY

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

NOVEMBER/DECEMBER, 2024

(New/CBCS Pattern)

COMPUTER SCIENCE

Paper XII

(Software Engineering)

(Friday, 20-12-2024)

Time : 10.00 a.m. to 12.00 noon

Time—Two Hours

Maximum Marks—40

N.B. :— (i) Attempt all questions.

(ii) Assume suitable data, if necessary.

1. Describe the generic process model and explain the concept of process patterns. 15

Or

(a) Explain the changing nature of software. 8

(b) Explain software characteristics. 7

2. What is Requirement Engineering ? Discuss the various task involved in it. 15

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(2)

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Or

- (a) Explain the design pyramid for web apps. 8
- (b) What are the user interface design considerations for the mobile app ? 7
3. Write short notes on (any *two*) : 10
- (a) Key elements of software engineering
- (b) Incremental model
- (c) Software Architecture
- (d) Challenges in mobile app design.

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