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PA—314—2024

FACULTY OF SCIENCE AND TECHNOLOGY

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

APRIL/MAY, 2024

(CBCS/New Pattern)

COMPUTER SCIENCE

Paper—XII

(Software Engineering)

(Saturday, 04-05-2024)

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. Define Software Engineering. Explain its key elements and discuss software engineering process. 15

Or

(a) What are major attributes of quality for web apps ? 8

(b) What are primary technical considerations when building a mobile app. 7

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(2)

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2. What is Requirement Engineering ? Explain it in detail. 15
- Or*
- (a) Explain extreme programming model. 8
- (b) Explain prototyping model 7
3. Write short notes on (any two) : 10
- (a) Software myths
- (b) Generic process model
- (c) Software architecture
- (d) Mobile app design-best practices