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Roll No.

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B. C. A. (Part - III) Examination, 2022

(Old Course)

Paper Sixth

SOFTWARE ENGINEERING

(304)

Time : Three Hours]

[Maximum Marks : 100

[Minimum Pass Marks : 40

Note: Attempt any two parts from each unit. All questions carry equal marks.

Unit - I

1. (A) Define Software Engineering in detail.
- (B) Explain Software Development Process Model.
- (C) Explain Important Quality of Software Product.

Unit - II

2. (A) Explain Phase Management Process.
- (B) Discuss the role of Function Oriented Metrics.
- (C) What is Software Requirement and Specification?

Unit - III

3. (A) Explain Introduction and Need of SRS.
- (B) Explain Context Diagram and Data Dictionary.
- (C) What is cache memory? Explain advantage of it.

Unit - IV

4. (A) Explain Coupling and Cohesion.
- (B) Explain Partitioning in Software Design.
- (C) Explain Top Down and Bottom up Strategies.

Unit - V

- 5 (A) What is Testing Fundamentals? Explain it.
- (B) Explain between verification and validation.
- (C) Explain Black Box Testing and white Box Testing.

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