23U573 (Pages: 2) Name: .....

Reg.No: .....

FIFTH SEMESTER B.Sc./B.C.A. DEGREE EXAMINATION, NOVEMBER 2025

(CBCSS - UG)

(Regular/Supplementary/Improvement)

CC19UBCS5B10 / CC19UBCA5B10 - PRINCIPLES OF SOFTWARE ENGINEERING

(Computer Science / Computer Application - Core Course)

(2019 Admission onwards)

Time : 2.00 Hours Maximum : 60 Marks

Credit : 3

Part A (Short answer questions)

Answer ***all*** questions. Each question carries 2 marks.

1. What is meant by prescriptive process model?
2. What is meant by Agile Unified Process?
3. What do you mean by requirements model?
4. What do you mean by operations?
5. What do you mean by an event?
6. Define Cohesion.
7. Define package diagram.
8. What is meant by coding?
9. What are coding standards?
10. What are user defined data types?
11. What is meant by White box testing?
12. What is meant by reengineering?

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

Answer ***all*** questions. Each question carries 5 marks.

13. Describe the myths related to software developers and their realities.
14. Describe agile unified process approach to software development.
15. Explain State diagram with example.
16. Describe Software Quality attributes.

17. Explain the four broad activities that help a software team achieve high software quality.

18. Compare Top-Down Integration and Bottom-Up Integration.

19. Describe Recovery testing and Stress testing.

(Ceiling: 30 Marks)

Part C (Essay questions)

Answer any ***one*** question. The question carries 10 marks.

20. Explain different types of diagrams and views supported by UML.

21. Describe various structural and behavioural diagrams.Illustrate with examples.

(1 × 10 = 10 Marks)

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