FIFTH SEMESTER B.Sc./B.C.A. DEGREE EXAMINATION, NOVEMBER 2022

(CBCSS - UG)

(Regular/Supplementary/Improvement)

CC19U BCS5 B10 / CC19U BCA5 B10 - 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 management myths with regard to software development?

2. Explain the framework activities of PSP model.

3. What are the Scrum activities?

4. What is meant by traceability matrix?

5. What are attributes?

6. Define Diagram Organization.

7. Define package diagram.

8. What is meant by documentation standards?

9. What are stub modules in the context of software testing?

10. How is Quality Assurance established?

11. What is meant by Automated Debugging?

12. What is meant by software maintenance?

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

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

13. Explain Swimlane Diagrams with example.

14. Describe Activity Diagram with example.

15. Describe Component Diagram with neat figure.

16. Explain few Software Quality guidelines.

17. Differentiate Abstraction and Information Hiding.

18. Explain few Coding standards.

19. List few modern programming Language features.

(Ceiling: 30 Marks)

Part C (Essay questions)

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

20. Explain an agile process with its principles.

21. What is Black box testing? Explain common approaches for black box testing.

(1 × 10 = 10 Marks)

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