

NOVEMBER 2023

51431/SU25A/SE26A

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions each in 30 words.

1. What is Software Engineering?
2. List the project size categories.
3. What is Agile Model?
4. Define RAPID.
5. What is Requirement Analysis?
6. What is Software characteristics?
7. What is Software Design?
8. What is DFD?
9. What is UML?
10. What is Object Modeling?
11. What is Testing?
12. What is Documentation?

PART B — (5 × 5 = 25 marks)

Answer any FIVE questions each in 200 words.

13. Discuss about some size factors in Software Engineering.
14. Write short notes on: The Software Requirements Specifications.
15. Explain the cohesions.
16. Write a short note on formal specifications techniques.
17. Discuss any four fundamentals software design techniques.
18. Write short notes on : Black Box Testing.
19. Discuss about : Integration with necessary examples.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions each in 500 words.

20. Briefly explain various software development projects in detail.
21. Briefly explain coupling and layered design.

22. Illustrate the structure design.
 23. Discuss about Object Modeling.
 24. Explain the documentation in detail.
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