DECEMBER 2024 **U/ID 46514/UCC5B**

Time : Three hours Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. What is Software Project?
2. What is Managerial Issues?
3. What is Software Maintenance?
4. What are levels Estimation?
5. What is formal language?
6. What is SDLC?
7. What is Milestone?
8. What is Walk Through?
9. What is Design Notation?
10. What is Quality Assurance?
11. What is Configuration Management?
12. What are the tools required to software maintenance.

PART B — ($5 \times 5 = 25$ marks)

Answer any FIVE questions.

13. What are the quality factors of software Engineering?

14. Explain how to plan the development process in a software project.

15. Discuss about software cost Estimation Techniques.

16. Explain about software specifications.

17. Explain about Software Design Techniques.

18. Discuss about: Quality Assurance.

19. Explain the following

    (a) Unit Testing.

    (b) Debugging.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

20. Explain about the various size factors of software Engineering?

21. Discuss about the Estimating software maintenance Costs.

22. Explain the Various Guidelines of software design Techniques.

23. Explain about Real Time and Distributed system Design with Examples.

24. Briefly Explain about the following

    (a) Verification and validation

    (b) Source code Metrics.

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