MAY 2023 **U/ID 46514/UCC5B**

Time : Three hours Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. Define the term project plan.
2. What are the layers of software Engineering?
3. What is project Estimation?
4. Define: software maintenance.
5. Define: Data Design.
6. What is meant by real time design?
7. What is requirement Analysis?
8. Define: Walk Through.
9. What is Testing?
10. Write the use of static Analysis.
11. What is verification?
12. What is symbolic exception?

PART B — ($5 \times 5 = 25$ marks)

Answer any FIVE questions.

13. Explain the Important activities of project planning.

14. Explain briefly about software cost and Quality.

15. Explain the format of software requirement specification.

16. Explain Design guidelines.

17. Give a brief account on inspection.

18. Discuss briefly on: system Testing.

19. Explain software Quality Assurance in detail.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

20. Explain in detail the planning of the software project.

21. Critically analyze the software cost Estimation Techniques.

22. Discuss the Importance of the software requirement phase.

23. Explain the fundamentals of software Design concept.

24. Explain the verification and validation techniques in detail.

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