DECEMBER 2023 **U/ID 46514/UCC5B**

Time : Three hours Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. Define Software Engineering.
2. What is Software Project?
3. What is meant by module?
4. What are Cost Estimation?
5. What is Planning Activity?
6. How to maintenance a software?
7. What is Software Design?
8. What is mile stone?
9. Define : Test Plan.
10. What is validation?
11. What is Static Analysis?
12. Differentiate between verification and validation.

PART B — (5 × 5 = 25 marks)

Answer any FIVE questions.

13. What are the quality and productivity Software?

14. Discuss on structure coding techniques.

15. Discuss about Software cost estimation.

16. Explain the format of software requirement specification.

17. Explain about the modular design.

18. Explain about System testing strategy.

19. Discuss about: Configuration Management.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

20. Explain about the features of Software engineering.

21. Discuss on software cost estimation techniques.

22. Explain about Software Design with examples.

23. Explain about concurrency mechanism.

24. Discuss the following :

    (a) Formal Verification

    (b) Unit Testing.
