MAY 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 engineering?
2. What are the requirement of S/W project.
3. What is planning activity?
4. What are cost estimation?
5. What is hierarchical team structure?
6. What is software maintenance?
7. What is DFD?
8. What is type less language?
9. What is modular design?
10. What is verification?
11. What is configuration management?
12. What is acceptance testing?

PART B — ($5 \times 5 = 25$ marks)

Answer any FIVE questions.

13. Discuss about size categories for software product.

14. Explain about decision table.

15. Discuss about structure charts and HIPO diagrams.

16. What are the steps for requirement of software specifications?

17. Explain the concept of software design.

18. Discuss about unit testing.

19. Illustrate about the system testing strategy.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

20. Discuss briefly the design notation and design techniques.

21. Explain the factors that influence quality and productivity of software project.

22. Explain any two software cost estimation techniques.

23. Explain the concept of concurrency mechanism.

24. Explain about any one source code metrics in software maintenance.

———————