MAY 2024 **U/ID 46519/UCC6C**

Time : Three hours Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. What is bug prevention?

2. What is the goal of software testing?

3. Name the type of bugs?

4. Define : path testing.

5. What is interface testing?

6. What is decision table?

7. What is stable state?

8. What is transition testing?

9. What is state graph?

10. What is syntax testing?

11. Define : decision tables.

12. What is state testing?

PART B — ($5 \times 5 = 25$ marks)

Answer any FIVE questions.

13. What is the purpose of testing?

14. Describe the transactional flow testing techniques.

15. Describe the concept of domain testing.

16. Explain the steps in syntax testing.

17. How to classify metrics? Explain.

18. Discuss about path expression with examples.

19. Explain briefly about state table with examples.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

20. Elaborate the model for testing.

21. Briefly explain various testing techniques with examples.

22. Briefly explain about domains and interface testing.

23. Briefly discuss about linguistics metrics.

24. Discuss about the components of decision tables.

———————