DECEMBER 2024 **U/ID 46519/UCC6C**

Time : Three hours Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. What is Software Testing?

2. What is bug?

3. Define: Debugging.

4. What is Path Testing?

5. What is Flow Testing?

6. Define: Data Flow.

7. What is Interface Testing?

8. What is Data Flow Testing?

9. What is Metrics?

10. What is Syntax Testing?

11. Define Transition Testing.

12. What is State Testing?

PART B — (5 × 5 = 25 marks)

Answer any FIVE questions.

13. Explain the five phases of Testing.

14. What is the importance of Bugs? Explain.

15. Explain any five rules of path product.

16. Explain about Domain Testing.

17. Explain about Structure Metrics.

18. Explain about Domain Testing with Examples.

19. Explain the principles of state testing.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

20. Compare Software Testing Vs Debugging.

21. Briefly explain about the concept of path testing.

22. Briefly explain the steps of Syntax Testing

23. Explain about State Graph with examples.

24. Discuss briefly about logic based Testing with examples.

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