DECEMBER 2023 **U/ID 46519/UCC6C**

Time : Three hours Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. State and purpose of Testing.
2. Define Software Quality.
3. What is Path Testing?
4. What is predicate?
5. Define: Loop.
6. What is Interface Testing?
7. What do you mean by domain closure?
8. Write down any two desirable metric properties.
9. What is Syntax Testing?
10. Define data flow graphs.
11. What is state Graph?
12. What is the use of Decision Table?

PART B — ($5 \times 5 = 25$ marks)

Answer any FIVE questions.

13. Compare Testing versus Debugging.

14. Explain in brief about model for Testing.

15. Write a notes on: Transactions flow.

16. Explain any five bugs in Domain Errors.

17. Explain any five rules of Path products.

18. Write down the steps in syntax Testing.

19. Write short notes on structural metrics.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

20. Discuss on the Path Instrumentation.

21. Explain the various strategies involved in Data flow Testing.

22. Explain in detail about structural metric.

23. What are parts of Decision Table? Explain with an examples.

24. What are Bugs? Explain the various types of Bugs.

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