PART A

Answer any TEN questions.

1. What are the components to measure the cost of Software?
2. Differentiate between widget productivity and software productivity.
3. What is the purpose of Link Marker?
4. List out the three different Software Testing Criteria.
5. Define: Data Flow Testing.
6. Differentiate between Domain and Range.
7. What is Dynamic Slicing?
8. Write down any two desirable metric properties.
9. Define: BNF.
10. What are the categories of string errors?
11. Define: State Testing.
12. What is Finite State Machine?

PART B

Answer any FIVE questions each in 200 words.

13. Compare Testing versus Debugging
14. Describe the various transactional flow testing techniques.
15. Describe the concept of domain testing.
16. Explain McCabe's cyclomatic complexity with an example.
17. Describe the steps in Syntax testing.
18. How will you test knowledge-based systems?
19. Explain the principles of statetesting.

PART-C

Answer any THREE questions.

20. Elaborate the model for testing.
21. Discuss the concept of path testing.
22. Explain data flow model for program's control flow graph..
23. Write about the available Linguistic metrics.
24. Discuss the components of decision table.