Time : Three hours   Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. What is meant by debugging?

2. Define Bug.

3. When testing is said to be complete?

4. Give any two reasons for justifying that testing is difficult.

5. How testing is classified?

6. Give an example for path testing.

7. What is meant by Domain?

8. What is the need for interface testing?

9. How metrics help in software testing?

III BCA — Software Testing.

10. Give an example for syntax error.

11. When logical error will arise?

12. Define transition.

SECTION B — (5 × 5 = 25 marks)

Answer any FIVE questions.

13. Give the importance of quality in software.

14. Describe the model for testing.

15. Discuss on the stages of testing.

16. Explain the concept of path instrumentation.

17. Mention the need for data flow testing.

18. What is the purpose of structural metric?

19. Give the usage of decision tables.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

20. Compare and contrast testing with debugging.

21. Briefly discuss on the transaction flow testing techniques.

22. How to conduct the domain testing?

23. Discuss on test cases.

24. Explain the following

(a) Transition testing.

(b) State testing.

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