NOVEMBER 2019

50419/SEE6B/ SAZ6C/SEU6G

Time : Three hours Maximum : 75 marks

SECTION A – (10 × 2 = 20 marks)

Answer any TEN questions

1. What is debugging?
2. What is purpose of testing?
3. What is path instrumentation?
4. What is a traversal marker?
5. What is an interpretive trace program?
6. What are three situations for one dimensional domain?
7. What is a linear predicate?
8. What is path expression?
9. What are delimiters?
10. Give any two examples of structural metrics.
11. List the four areas of decision table.
12. What is transition testing?

III BCA - Software Testing

SECTION B – (5 × 5 = 25 marks)

Answer any FIVE questions

13. Draw a model of testing and explain it.

14. Compare testing and debugging.

15. Explain the coincidental correction with an example.

16. Explain briefly the application of path testing.

17. Give brief account on slices and dices.

18. Explain briefly the path products with examples.

19. Explain briefly the principles of state testing.

SECTION C – (3 × 10 = 30 marks)

Answer any THREE questions

20. Discuss about the various types of bugs.

21. Explain the FOUR transaction flow techniques with examples.

22. List and explain any FOUR data flow testing strategies.

23. Write a detailed note on linguistic metrics.

24. Describe in detail the decision tables and structures.

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