

R17

Code No: 845AB

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**MCA V Semester Examinations, February - 2021****SOFTWARE TESTING METHODOLOGIES****Time: 2 hours****Max. Marks: 75**

Answer any five questions
All questions carry equal marks

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- 1.a) Describe the nightmare list and when to stop testing.
- b) Explain implement and application of path testing. [7+8]
- 2.a) Explain about structural bugs.
- b) Explain in detail about path sensitizing with examples. [7+8]
- 3.a) Describe closure compatibility and span compatibility.
- b) Write the strategies of data-flow testing. [7+8]
4. Where do domains comes from? Explain nice domains. [15]
- 5.a) Discuss about the probability of getting there with example.
- b) What are the rules of Boolean algebra? Explain. [7+8]
6. Describe state bugs and encoding bugs in detail. [15]
7. Explain about state testing in detail. [15]
8. Explain the following:
 - a) Equivalence and partial ordering relations.
 - b) Building tools of graph matrices. [7+8]

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