

CSE IV / I

Code No: 09A70502

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech IV Year I Semester Examinations, June/July - 2014

SOFTWARE TESTING METHODOLOGIES

(Common to CSE, IT)

Time: 3 Hours

Max. Marks: 75

**Answer any Five Questions
All Questions Carry Equal Marks**

1. Distinguish between error and bug. Explain various consequences of bugs.
2. Explain path testing with a suitable example. Discuss about application of path testing.
3. Explain the transaction flow testing techniques.
4. Explain domain and interfaces testing.
5. What is meant by path expression? Explain reduction procedure.
6. Explain clearly the logic based testing.
7. Discuss about good and bad state graphs and testability tips.
- 8.a) Explain node reduction algorithm.
b) Discuss about matrix of graph with a suitable example.

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