Code No: 57-R6-R7
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
MCA V Semester Regular Examinations January 2010
SOFTWARE TESTING METHODOLOGIES

Time: 3 hours   **Max.Marks:60**
Answer any FIVE questions
All questions carry equal marks
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1. a) Define software testing? Discuss dicothotomics in software testing?
    b) Explain various consequences of bugs in software testing?

2. Discuss about path sensitizing with an example? Give application of path testing?

3. Define dataflow testing? Explain various strategies available for data flow testing?

4. Define domain testing? With an example explain domain and interface testing?

5. Elaborate about regular expression and Flow anomaly detection?

6. Define the purpose of KV charts? Describe the use of KV charts in logic based testing?

7. Define a state chart? Define the method used to distinguish good and bad state graphs?

8. Briefly discuss about the following
    a) Matrix of a graph
    b) Node reduction algorithms