

Code :R7310502

R7

**III B.Tech I Semester(R07) Supplementary Examinations, May 2011
SOFTWARE TESTING METHODOLOGIES**

(Common to Computer Science & Engineering, Information Technology)

Time: 3 hours

Max Marks: 80

**Answer any FIVE questions
All questions carry equal marks**

1. What is the relationship between modularity and efficiency? Explain the real world context characterized by model project?
2. Explain the following:
 - (a) Testing Blindness
 - (b) Path predicate expression
 - (c) Links
3. Explain in brief about the transaction flow testing techniques?
4.
 - (a) Explain the domain boundary bugs for two-dimensional domains.
 - (b) Discuss Linear domain Boundaries.
5.
 - (a) How you find the path expression for any loop? Explain with example.
 - (b) What are the rules existing if path, whose length is zero? Explain with example.
6. Explain Boolean algebra. Give the rules of Boolean algebra.
7.
 - (a) Define State table and describe the State graphs.
 - (b) Write short notes on equivalent state with example.
8.
 - (a) What are partial ordering relations?
 - (b) Give the properties of relations.
