

Code: 9F00502

MCA V Semester Supplementary Examinations, July 2013
SOFTWARE TESTING

Time: 3 hours

Max Marks: 60

Answer any FIVE questions
All questions carry equal marks

- 1 Explain the following briefly:
 - (a) Testing versus debugging.
 - (b) Function Vs structural testing.

- 2 Explain:
 - (a) Path.
 - (b) Path predicate.
 - (c) Path predicate expression.
 - (d) Compound predicates.

- 3 Explain in brief about the transaction flow testing techniques.

- 4
 - (a) Classify what can go wrong with boundaries.
 - (b) What is domain testing? Discuss the applications.
 - (c) What is the purpose of domain testing?

- 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.
