

Code: 9F00502

MCA V Semester Regular & Supplementary Examinations October/November 2017

SOFTWARE TESTING

(For 2012, 2013, 2014 & 2015 admitted batches only)

Time: 3 hours

Max. Marks: 60

Answer any FIVE questions
All questions carry equal marks

- 1 (a) What are bugs? List out the consequence of bugs.
(b) Differentiate between debugging and testing.
- 2 (a) Write about control flow blocks.
(b) Discuss about sensitization and instrumentation based on transaction flows.
- 3 Compare the transaction testing strategies with the data flow testing strategies.
- 4 What is meant by domain testing? Discuss the procedure for domain testing.
- 5 Write about Huang's theorem. Explain with an example. What are its generalizations and limitations?
- 6 (a) Discuss the role of decision table in a test case diagram.
(b) How can we expand the immaterial cases in a decision table?
- 7 What are the principles of state testing? Explain its advantages and disadvantages.
- 8 Write relative merits and demerits of different graph matrix representations.
