

R09

Code: 9A05702

B.Tech IV Year I Semester (R09) Supplementary Examinations June 2017

SOFTWARE TESTING

(Common to CSE & IT)

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks

- 1 (a) Explain about the purpose of testing.
(b) Briefly explain about the consequences of bugs.
- 2 (a) What is path testing? Write applications of path testing.
(b) Explain basic concepts of path testing and predicates.
- 3 (a) Briefly explain basics of dataflow testing.
(b) Write about transaction flow.
- 4 (a) Describe about domains and paths.
(b) Explain domain and interface testing.
- 5 (a) Describe briefly about path products and path expression.
(b) Write applications of path, path product and regular expression.
- 6 (a) Explain decision tables.
(b) Write short note on path expressions and KV charts.
- 7 (a) Explain state testing and testability tips.
(b) Write short note on state and state graphs.
- 8 (a) Briefly explain about graph matrices and applications.
(b) Explain node reduction algorithm.
