

R09**Code No: F3502****JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****MCA V Semester Examinations, August - 2017****SOFTWARE TESTING METHODOLOGIES****Time: 3hrs****Max.Marks:60**

Answer any five questions
All questions carry equal marks

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1. Discuss about path predicates and achievable paths. And also discuss about path instrumentation. [12]
- 2.a) Write a model for testing.
b) Discuss briefly about dataflow testing. [6+6]
3. Explain in detail the transaction flow testing techniques. [12]
- 4.a) Explain path reduction procedure.
b) Discuss about regular expressions. [6+6]
- 5.a) Discuss the significance of domain testing.
b) Explain about flow anomaly detection. [6+6]
- 6.a) Explain state graphs and their uses.
b) Discuss in detail about state testing. [6+6]
- 7.a) Explain KV charts with suitable examples.
b) Write brief notes JMeter. [6+6]
8. Write short notes on:
a) Node reduction algorithm
b) Testability tips
c) Matrix of graph. [4+4+4]

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