

Code No: 126ER**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****B. Tech III Year II Semester Examinations, November/December - 2020****SOFTWARE TESTING METHODOLOGIES****(Common to CSE, IT)****Time: 2 hours****Max. Marks: 75**

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

- 1.a) State the myths and facts about software testing.
- b) Write about taxonomy of bugs. [7+8]
2. What is meant by transaction flow testing? Discuss its significance. [15]
3. Discuss in detail the domains and interface testing. [15]
- 4.a) Explain the application to find the minimum number of paths in a graph? Explain with example.
- b) Explain Unit Test Planning. [7+8]
- 5.a) What are graph matrices and write a short note on their applications.
- b) With a suitable example explain the State graphs. [7+8]
- 6.a) Explain in detail about the model of software testing.
- b) Write short note on domains and testability. [7+8]
7. What is meant by data-flow anomalies? How data flow testing will explore them. [15]
8. Explain how one – dimensional domains are tested. [15]

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