

**PRAGATI ENGINEERING COLLEGE: SURAMPALEM
(AUTONOMOUS)**

M.Tech II Semester Regular/Supplementary Examinations, July – 2024

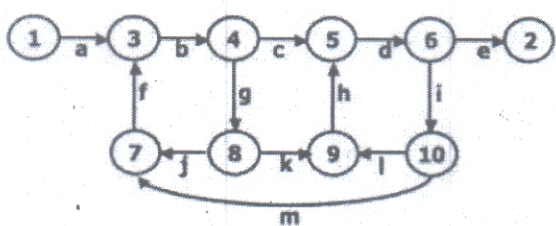
**SOFTWARE TESTING METHODOLOGIES
(CSE)**

Time: 3 hours

Max. Marks: 60

**Answer any FIVE questions
All questions carry EQUAL marks**

5X12=60

Q.NO.	Question	BTL	CO	Marks
1.	a. List and Explain various dichotomies in software testing	K2	CO1	6M
	b. Differentiate between black box testing and white box testing	K2	CO1	6M
2.	a. Define Transaction flow testing. Discuss different transaction flow testing techniques	K2	CO2	6M
	b. Discuss in detail about Data flow testing strategies	K2	CO2	6M
3.	a. Explain about Nice & Ugly domains in domain testing	K2	CO3	6M
	b. Demonstrate the node reduction algorithm	K2	CO3	6M
4.	a. Apply Reduction Procedure algorithm on the following graph 	K3	CO4	6M
	b. Explain about Data flow anomaly detection	K2	CO4	6M
5.	a. Discuss about good and bad state graphs with an example	K2	CO4	6M
	b. State the partitioning algorithm using a graph matrix with an example	K2	CO4	6M
6.	a. Describe the importance of acceptance testing	K2	CO5	6M
	b. List and explain different types of regression testing	K2	CO5	6M
7.	a. Compare progressive testing and regressive testing	K4	CO5	6M
	b. Explain in detail about system testing	K2	CO5	6M
8.	a. With neat sketch explain model for testing	K3	CO1	6M
	b. Discuss about integration testing strategies	K2	CO2	6M