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Cod	No: 126ER  JAWAHARLAL NEHRU TECHNOLOGI  B. Tech III Year II Semester Ex  SOFTWARE TESTING M  (Common to C	aminations, April	TY HYDERABA - 2018	13 D rks: 75	A
Note	Part A is compulsory which carries 25 mar consists of 5 Units. Answer any one full que 10 marks and may have a, b, c as sub question PART	ks. Answer all ques estion from each uni	t. Each question	carries	A
1.a) b) c) d) e) f)	What is meant by testing? Why we need it Define a model for software testing. Explain various loops. Give example for each write the applications of data flow testing. In what a nice domain differs from and ugly Define domain testing with example. Explain Regular Expressions. Explain sum of product form and product of	domains.	AG	[2] [3] [2] [3] [2] [3] [2] [3]	A
	Define good state and bad state graphs.  How can the graph be represented in Matrix  PART -	form?	<u>A</u> (50)	[2] [3] (Marks)	A
2.	State and explain various dichotomies in sof	ftware testing.		[10]	
3.a) b) 4.a) b)	What is meant by program's control flow? I Discuss various flow graph elements with the What is meant by transaction flow testing. I Compare data flow and path flow testing str	neir notations:  Discuss its significan	AG	[5+ <del>5</del> ] [5+5]	A
5.a) b)	Explain data-flow testing with an example. Explain the terms Dicing, Data-flow and De	Explain its generaliz bugging.	ations and Limit	ations [5+5]	
(6.a) (b)	State and Explain various restrictions at don With a neat diagram, explain the schematic OR	nain testing processe	es. A main testing	[5+5]	A
7.	Discuss the domains and interface testing in	detail.		[10]	

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