8R	8R 8R 8R 8R	3R	8R
8R	No: 126ER JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY F B. Tech III Year II Semester Examinations, May - 201 SOFTWARE TESTING METHODOLOGIES (Common to CSE, IT) 3 hours	R1 HYDERABAD 19 Max. Mark	- 8R
Note:	This question paper contains two parts A and B. Part A is compulsory which carries 25 marks. Answer all question consists of 5 Units. Answer any one full question from each unit. E 10 marks and may have a, b, c as sub questions. PART - A	ns in Part A. Plach question ca	arries 8R
1.a) b) c) d) e) f) g) h) i)	List the goals of software testing. What is path sensitization? Explain various loops with an example. What is meant by testing? Write about any two application of data flore nice and ugly domains. Define domain testing with example. What is regular expression? What is logic based testing? What are testability tips? List the different types of tools required for test planning. PART - B	low testing	[2] [3] [2] [3] [2] [3] [2] [3] [2] [3]
2.a) b)	Discuss about Myths related software testing and its facts. Explain about life cycle of Bug. OR	(50 M	[5+5]
3.a) b)	What is meant by integration testing and what are the goals of it. What are control and sequence bugs? How they can be caught? Discuss in detail data - flow testing strategies.	8 R.	[5#5]
5.a) b)	OR Compare data flow and path flow testing strategies. Distinguish between Control Flow and Transaction flow.		[5+5]
6.a) b)	Discuss with example the equal - span range/ Domain compatibility Discuss i) Non linear domain boundaries ii) Complete domain boundaries.		[5+5]
7.	OR State and explain various restrictions at domain testing processes.		[10]
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8. 9. 10.a) b)	Explain path e Categorize van What are the t	expressions a expression with e consistent tool asing of win-runion depends of state and a reduction as	OR xamples. s necessary for the ner? OR e testing. Discuss	ο'n	S \rightarrow disadvantages.	[10] [10] [5+5]	<
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