B.E. Computer Science & Engineering Eighth Semester
CSE801 - Software Testing and Quality Assurance

P. Pages : 1

Time : Three Hours

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1528

Max. Marks : 80

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Notes : 1. All questions are compulsory.
2. All questions carry equal marks.
3. Due credit will be given to neatness and adequate dimensions.
4. Assume suitable data wherever necessary.

1.	a)	Explain Testing as a engineering activity.	**8**
	b)	Explain Role of process in software Quality.	**8**

OR

2.	a)	What are software testing principles.	**8**
	b)	Explain tester's Role in software development.	**8**

3.	a)	Explain Black-Box testing in detail.	**8**
	b)	Explain Boundary value Analysis.	**8**

OR

4.	a)	Explain partitioning state based testing with cause effect graphing.	**8**
	b)	Explain white box testing.	**8**

5.	a)	What is Unit test planning? Explain.	**8**
	b)	Explain Integration tests & Integration test planning.	**8**

OR

6.	a)	Explain	**8**
		i) Alpha test ii) Beta test.	
	b)	Explain system testing in detail.	**8**

7.	a)	Explain people and organizational issues in testing.	**8**
	b)	Explain organization structures for testing teams.	**8**

OR

8.	a)	Explain Test plan Attachment with test management.	**8**
	b)	What is a test specialist? Explain test planning.	**8**

9.	a)	Explain software test automation?	**8**
	b)	What is test metrics? Explain in detail.	**8**

OR

10.	a)	What are the components of Review Plans?	**8**
	b)	What is software quality? Explain defect prevention.	**8**

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