Total No. of Printed Pages:2

SUBJECT CODE NO:- H-1222
FACULTY OF SCIENCE AND TECHNOLOGY
Final B.Tech. (CSE) (Sem VII)
Software Testing & Quality Assurance
[OLD]

[Time: Three Hours]   **[Max.Marks:80]**

Please check whether you have got the right question paper.
N.B
1) Q.No.1 and 6 are compulsory.
2) Solve any two from Q.No.2 to 5.
3) Solve any two from Q.No.7 to 10.

Section A

Q.1	Attempt any five from the following.		10
	1) What is meant by software bug?		
	2) Define bug?		
	3) What is meant by accuracy?		
	4) What is meant by precision?		
	5) Define quality?		
	6) Define software testing?		
Q.2	a) Explain in detail the cost of bugs.		07
	b) Explain in detail Y2K bug.		08
Q.3	a) Describe in detail waterfall model.		07
	b) Describe the concept of pesticide paradox.		08
Q.4	a) Write a short note on product specifications are never fail.		07
	b) Explain in detail verification & validation.		08
Q.5	a) Explain in detail spiral model.		07
	b) Write a short note on what makes a good software tester?		08

Section B

Q.6	Attempt any five from the following:		10
	1) What is meant by loop testing?		
	2) Define test cases?		
	3) What is software review concept?		
	4) Define stubs?		
	5) What is stress tool?		
	6) What is load tools?		
Q.7	a) Explain in detail equivalence partitioning.		07

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	b)	Explain in detail formal technical reviews.	08
Q.8	a)	Explain in detail software quality assurance.	07
	b)	Explain in detail Boundary value analysis.	08
Q.9	a)	Describe the concept of Black box testing.	07
	b)	Describe the concept of semi-smart monkeys.	08
Q.10	a)	Explain in detail white box-testing.	07
	b)	Explain in detail SQA plan.	08

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