B. Tech. Computer 2014 Sem - V 32781

P.M.

MADURA – V (2014 COURSE) (CBCS): WINTER – 2016 SUBJECT: SOFTWARE TESTING

Day Dat	te	: Monday : 05-12-2016 Time: 2.30 P.M. To 5 Max. Marks: 60	·30			
	S 2.77	 All questions are COMPULSORY. Figures to the right indicate FULL marks. Assume suitable data if necessary. 				
Q.		With a neat block diagram explain 'V' model used for software testing. Explain various levels of testing. OR	[05] [05]			
comi acco	ŀ	Describe how iterative development takes place in software testing process. Explain following with example: i) Error ii) Faults iii) Failures iv) Test bed v) Test suit.	[05] [05]			
Q.2	2 a b	Discuss about various verification techniques. Write functional and boundary test cases for university admission process. OR	[05] [05]			
	a b	i) Regression Testing ii) Usability Testing Design test cases for online shopping system	[05] [05]			
Q.3	a b	Explain COTS in detail. Write short note on:	[05] [05]			
OR						
	a) b)	Write short note on Configuration Management To al	[05] [05]			
Q.4		Develop a test plan for testing a software of result analysis of the university. OR	[10]			
	a) b)	That is defect illeffles explain in detail.	05] 05]			
Q.5	a) b)	The a note of Extend Programming	05] 05]			
	14 E	OR				
	a) b)	acceptance chilera is lised in agrie projecto?)5])5]			
Q.6	a) b)	MAKULING OUI 100 OU ING)5])5]			
OR						
		Describe with respect to agile testing following forms: i) Histogram iii) Check sheet v) Flow chart ii) Scatter diagram iv) Pareto chart	0]			

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Day Date		19101100 Time: 05-12-2016 Max. 1	Time: 2:30 P.M.To 5:30 P.M Max. Marks: 60	
N.B	1	All questions are COMPULSORY. Figures to the right indicate FULL marks. Assume suitable data if necessary.		
Q.1	l a	, and the second of testing.	software testing.	[05] [05]
	a b	OR Describe how iterative development takes place in softw Explain following with example: i) Error ii) Faults iii) Failures iv) Test bed		[05] [05]
Q.2	a) b)	Write functional and boundary test cases for university	admission process.	[05] [05]
	a)			[05]
	b)	 i) Regression Testing ii) Usability Testing Design test cases for online shopping system. 		[05]
Q.3	a) b)			[05] [05]
		OR		
	a) b)	What approach are considered for testing a mobile application Write short note on Configuration Management Tool	ation discuss in detail?	[05] [05]
Q.4		Develop a test plan for testing a software of result analys	sis of the university.	[10]
		OR	•,	
	a) b)	How the tester understand risks while testing software? What is defect metrics explain in detail?		[05] [05]
Q.5	a) b)	Compare Exploratory testing and Agile testing. Write a note on Extreme Programming.		[05] [05]
		OR		
	a) b)	What are various risks involved in agile projects discuss a How acceptance criteria is used in agile projects?	about it?	[05] [05]
Q.6	a) b)	Describe in detail plan-do-check-act. Write short note on ISO Standards.		[05] [05]
		OR		
		Describe with respect to agile testing following forms: i) Histogram iii) Check sheet ii) Scatter diagram iv) Pareto chart	v) Flow chart	[10]