

Course: B.Tech.

COLLEGE OF ENGINEERING, PUNE

(An Autonomous Institute of Government of Maharashtra.) SHIVAJI NAGAR, PUNE - 411 005

END Semester Examination

(CT-411/IT-14002) Software Testing and Quality Assurance

Branch: Information Technology

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Semeste	er: Sem VII	Max.Marks:60			
Year:	2014-2015		Max.Marks.00	Max.Marks.00	
Duration	: 3 Hours Time:- 2.00	pm to 5.00pm	Date:26/11/2014	Date:26/11/2014	
Instructions:		MIS No.			
	 Mobile phone Writing anyth Exchange/Sh Assume suita 	e right indicate the full mark es and programmable calcu- ling on question paper is no naring of anything like stationable data if necessary. IS Number on Question Pa	llators are strictly pro ot allowed. onary, calculator is n		
Q 1	How normal software?	l distribution can be used in qu	uality testing of a	10	
Q 2	What are qu Explain in d	ality theories proposed by Jura etail.	an and Demming?	10	
Q 3	Explain in d software pro	etail, HP's software quality moducts.	onitoring with its	10	
Q 4	complexity to OR	plain in detail code coverage testing. nctional and non-functional te		10	

Q 5		What should be made available in order to calculate defect rate for the new and changed code?	10
Q 6	a	Enlist various points in test planning.	5
	b	Write down the table for Type I and Type II errors in testing a hypothesis $\theta = \theta_0$ against an alternative $\theta = \theta_1$.	5