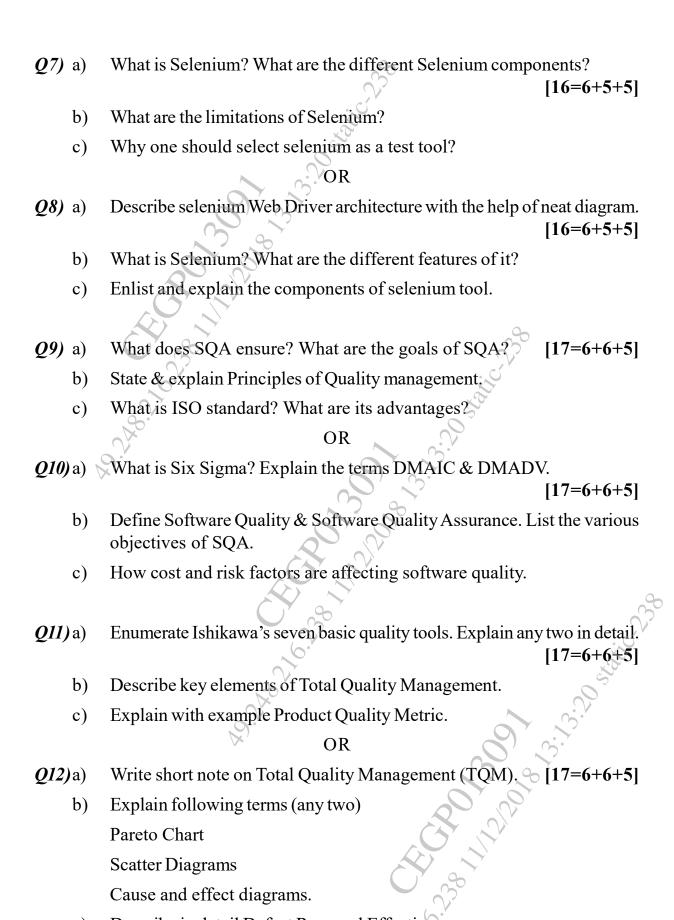
Total	l No	o. of Questions : 12]	CAT No.:	
P33	339		[Total No	of Pages :2
		[5461] 599		
		B.E. (Computer Engg.)		
		SOFTWARE TESTING AND QUALITY A	SSURAN	CE
		(2015 Course) (End Sem.) (Semester - I) (F	Elective - IV	<b>'</b> )
		200		
		½ Hours]	[Ma	x. Marks :70
		ions to the candidates;		
	1) 2)	Assume Suitable Data if necessary. Mention your assum Right indicates the full marks and Bifurcation for sub q	<u> </u>	
	2) 3)	Draw suitable diagrams and tables if necessary.	luesuons.	
	-,	o.		
<i>Q1</i> )	a)	What is bug; defect, error & failure give an exam	onle of each	) [6= <b>3</b> ± <b>3</b> ]
Ų1)			-	. [0-3+3]
	b)	Differentiate between software testing tools and to	techniques.	
00)	`	OR VIII - C. 1. C.	0 1	1 40
<i>Q2)</i>	a)	What is impact of defect in different phases of so	oftware deve	[6=3+3]
	b)	What is bug tracking, bug fixing & bug verificati	ion	
	0)	what is oug trucking, oug name of oug verificati	on.	
Q3)	a)	What is mutation testing? Give an example.		[7=3+4]
Q3)			mizations?	[7-314]
	b)	Why independent testing team is required in orga	.mzauons:	
<b>0</b> ()	`	OR	0	
<b>Q</b> 4)		What are the skill set required by software tester	O(1)	[7=3+4]
	b)	With the suitable sample, explain requirement trace	ceability mai	trix.
			1, 1,0	
<b>Q</b> 5)	a)	What are the selection criteria of automated testing	ng tool?	[7=3+4]
	b)	What are the difference in testing automation in ag	ile and water	fall model?
		OR OR	<b>Y</b>	
<b>Q6</b> )	a)	Discuss "automation in extreme programming".		[7=3+4]

b) What are some of the challenges in automating the testing of GUI portions of an application? How do these compare with the automation of backend testing?

*P.T.O.* 



c) Describe in detail Defect Removal Effectiveness.