Total No. of Questions: 8]				200	SEAT No.:				
PA-	125	50			[Total	No. of Pages : 2			
			[5925]						
S.E. (Information Technology)									
SOFTWARE ENGINEERING									
(2019 Pattern) (Semester - IV) (214454)									
		Hours	s] he candidates:		[Max. Marks: 70			
			rs Ovestion 1 or 2, 3 or 4, 5 or 6	, 7 or 8.					
		/	iagrams must be drawn wheneve		9				
			s to the right indicate full mark	s.	2				
4	4) A	Assum	ne suitable data, if necessary.						
		.9							
<i>Q1</i>)	a)	Wh:	at is Software Architectur	e? Explain	Data flow	and Lavered			
21)	(1)	~ 1	itectural style of the system.		Dutu 110 W	[9]			
	b)	Wha	at is functional independence? I	Differentiate	between coup	oling functional			
		inde	pendence and Cohesion fund	tional indep	bendence.	[9]			
			OR						
<i>Q2</i>)	a)	Wha	at are the characteristics of a g	good design	? Explain So	ftware Quality			
~ '			delines and Attributes of soft	_	_				
	b)	Exp	lain design concepts			[9]			
		i)	Pattern			S.Co.			
		ii)	Information Hiding			· X			
		iii)	Modularity		9				
		ш)	Modularity						
					0,00	,			
Q3)	a)	Exp	lain:			[9]			
		i)	4P's of Project Managemen	t					
		ii)	Software Project Estimation		20	[9]			
	b)	Wha	at is Decomposition Techniqu			on of Problem			
		and	Decomposition of Process.			[9]			
			OR	Cho.					
				8.		<i>P.T.O.</i>			
						1.1.0.			

Q4)	a)	Explain Boehm's W5HH Principle.	[5]			
	b)	What is the difference between PERT & CPM, state their applicate. What is the importance of critical path in a project?	ion. [9]			
	c)	Explain typical Problems with IT Cost Estimates.	[4]			
Q 5)	a)	Explain McCall's Quality Factors.	[9]			
	b)	Discuss Carvin's eight Quality Dimensions.	[8]			
Q6)	a)	OR Explain Unit Testing? Which testing scheme is suitable to remove conformation of interest?	flict [9]			
	b)	How do you justify the statement "quality is a complex and multiface concept".	eted [8]			
Q 7)	a)	Explain any Four layers of SCM process in detail.	[8]			
	b)	Explain CASE taxonomy. OR	[9]			
Q 8)	a)	Explain in brief risk mitigation, monitoring and management.	[9]			
	b)	b) Write short note on:				
		i) JIRA	7			
		Write short note on: i) JIRA ii) Kanban				
		+ + + 2017,000				
		Explain in brief risk mitigation, monitoring and management. Write short note on: i) JIRA ii) Kanban				
[5925]-273						