Total N	o. of Questions : 8]	-90	SEAT No. :	
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		ence Engineering RE ENGINEERI		J
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	(2019 Pattern)	(Semester - IV) ((210253)	
	2½ Hours]		[Max. Marks	:70
	tions to the candidates:	0.5 0.6 0.7 0.4		
1) 2)	Solve Q.1 or Q.2, Q.3 or Q.4, Neat diagrams must be drawn		· ()	
3)	Assume suitable data, if nece	_	96	
		•	<i>S</i> ²	
	6.			
Q1) a)	Discuss with suitable dia	gram three major cat	tegories of software pro	oject
	resources?		\Diamond	[8]
b)	What is Estimation with	Use Cases? Explain	Sestimation Using Use (Case
0)	points with the help of an		_	[10]
	rrrr	22	•	[]
		QR O		
Q2) a)	What are the basic pring	ciples of software p	roject scheduling. Exp	olain
	different tasks of project	scheduling.		[8]
b)	Discuss Empirical Estim	ation Models Explai	n Constructive Cost Mo	odel
0)	for project estimation wit	<u> </u>		[10]
	for project estimation wit	y dituole example.		1
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	O Area			
Q3) a)	With the help of diagram	explain how to transl	late the requirements m	odel
	into the design model.		20,00	[8]
b)	Explain dimensions of de	scion model with the	haln of diagram	[01
0)	Lapiani difficusions of de		nery of diagram.	[9]
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Q4) a) What is software Architecture? Why Architecture is important? What is the use of Architecture Decision Description Template? [9]

b) Discuss component level and deployment level design elements. [8]

<i>Q5</i>)	a)	Explain Risk and management concern with the help of diagram.			
	b)	Discuss any two of the following.	[10]		
		i) Risk Refinement			
		ii) Risk Mitigation			
		iii) Risk Management			
		OR	*		
Q6)	a)	What are the advantages of SCM Repository? Explain functions perfo	rmed		
~	,	by SCM Repository.	[8]		
	b)	Write short note on any two of the following	[10]		
		i) Change control mechanism in SCM			
		ii) SCM Process			
		iii) RMMM Plan			
		MOX KIVIIVII I I III			
Q7)	a)	Define testing? Explain graph based functional testing techniques			
		suitable graph notation diagram.	[9]		
	b)	Discuss any two of the following.	[8]		
		i) User Acceptance Testing	200		
		ii) Difference between Verification and validation Testing			
		iii) Software Testing Life Cycle			
		OR OR	2		
Q 8)	a)	What is system testing? Explain any three types system testing.	[8]		
	b) Explain with suitable diagram Drivers and stubs in unit test environme				
Disucss with suitable diagrams top-up and bottom-up integration					
		integration testing.	[9]		
		Disucss with suitable diagrams top-up and bottom-up integration testing.			
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