Total No. of Questions: 8]				SEAT No.:			
PD4082				,,,	[Total	No. of Pages : 2	
				[6402]-4			
	S.I	E. (C	omputer Engin		, ,	-	ience)/
			(Computer	Science &	Design	Engg.)	
			SOFTWA	ARE ENG	INEERI	NG	
			(2019 Pattern	(Semest	er - IV) (	(210253)	
			2 6			(	~
		Hours	-				Max. Marks: 70
ınstru 1			he candidates: Q.1 or Q.2, Q.3 or Q.	4. O.5 or O.6.	and O.7 or	r 0.8.	
2			iograms must be draw			2.0	
3			e suitable data, if ned			8	
							_
Q1)	a)	Disc	euss Estimation Usi	ing Use Case	e Points w	ith the help of	_
1	<b>b</b> )	Des	ion and discuss	the project	t dogs	osition on	[8]
١	b)		ign and discuss munication proces		t decom	position an	10 work task [10]
	-	Som	mameation proces	OR	S		[10]
<b>Q2</b> ) :	a) ˈ	Disc	cuss any 2 of the fol		suitable e	example:	[10]
2-)	ω,	i)	LOC-Based Estin			manipio.	[=v]
		ii)	FP based estimati		e		
		iii)	Problem-Based E	- 7_			
1	b)	Wha	at are the basic pri	nciples of s	oftware p	roject schedu	uling. Explain
	ŕ	diffe	erent tasks of proje	ct schedulin	g.	v	[8]
			03	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			
<i>Q3</i> ) :	a)		lain refinement and			importance of	V.U =
			nproving the qualit	~			\$ [8]
1	b)		the help of diagram	n explain ho	w to trans	late the requir	
		into	the design model.	OD			
04)	۵)	Who	t is software Arabi	OR	vy Amabita	otum o immo	Sont? What is
Q4)	a)		nt is software Archiuse of Architecture		•		[9]
4	b)	1	st the golden rules		-		[8]
		<u></u>	se une gorden ruies				[~]
<i>Q5</i> )	<b>a</b> )	Expl	lain Risk and mana	igement con	cern with	the help of di	agram. [8]
	b)	-	cuss any two of the	•	Cy		[10]
		i)	Risk Refinement	S			
-		ii)	RiskMitigation		70		
		iii)	Risk Management	į	26.		
				OR	$O_{X}$		

*P.T.O.* 

<b>Q6</b> )	a)	by SCM Repository. [8]	
	b)	Discuss layers of SCM Process Write a short note on Change control mechanism in SCM. [10]	
		A 9:01	
<b>Q7</b> )	a)	Define testing? Explain graph based functional testing techniques with suitable example [9]	
	b)	Discuss any two of the following. [8]	
		i) bottom-up testing with its advantages	
		ii) Software Testing Life Cycle	
		iii) Alpha and Beta Testing	
		OR	
<b>Q</b> 8)	a)	What is system testing? Explain any three types system testing. [8]	
	b)	Explain with suitable diagram Drivers and stubs in unit test environment.	
	6	Discuss with suitable top-up and bottom-up integration in integration	
	<b>V</b>	testing. [9]	
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