		egistration No :	210		210	210		210		210
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lota	ai Nu	umber of Pages : 01						P	B.Tecl CS3I10	
		3 ^{ra} Se	mester Reg				·19			
		210 210	210	VARE EN BRANCH	GINEERIN	NG 210		210		210
				Time: 3 I						
				/lax Marks						
				Q.CODE						
An	swe	r Question No.1 (Pa	rt-1) which	is compu from Pa	• •	EIGHT fro	m Part-	ll and an	y TWO	
		The fig	ures in the r	ight hand	d margin i	ndicate ma	rks.	210		210
				Part-	I					
Q1		Short Answer Type	Questions (A						(2 x 10))
	a)	What are the fundame		of a softw	are process	s?				
	b)	What is legacy softwa Explain Software Cris	•							
	c) d)	What are non-function		nts?						
	e)	List the principles of a software design.								010
	f)	Differentiate between data flow diagram and state transition diagram.								210
	g) h)									
	i)	Define maintenance.								
	j)	Differentiate between		• •						
				Part-	II					
Q2		Focused-Short Answer Type Questions- (Answer Any Eight out of Twelve) 210 (6 x 8)								
	a)	Elaborate on the changing nature of software in detail.								210
	b)	Explain software development life cycle. Discuss various activities during SDLC Give the advantages of prototyping model of software.								
	d)									
	,	analysis phase is a di	fficult one.			•	•			
	e)	Differentiate between examples.				requiremen	ts with	suitable		
	•	Write short notes on F			taffing.	210		210		210
	g) h)	Explain Unit and Integ Discuss Risk manage			evamnles					
	i)	Prepare the SRS for (n.				
	j)	Distinguish between t	he functional	oriented de	esign and ol	bject-oriente				
	k)	What is black box testing? What is boundary value Analysis? Explain the technique specifying rules and its usage with the help of an example.								
	I)	Explain the COCOMC			ап ехапірі	₽.				
	•	210 210	210		210	210		210		210
		Long Answer Type (Duestions (A	Part-l nswer Anv		of Four)				
Q3		Explain Spiral model being developed or m	with a neat s	ketch. Wha	at can you s	say about th			(16)	
Q4		Define the term proj techniques.	ect managen	nent. Discı	uss in deta	ail various p	roject sc	heduling	(16)	
Q5		210 What do you mean cohesion and coupling	•	and coup	oling? Brief	fly explain o	different	types of	(16)	210
Q6		Explain the terms soft	ware reverse	engineerin	a and softw	vare reengine	eerina		(16)	
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