Registration No :																
Total Number of Pages: 02  210 210 210 210 210 210 210 210 210												210				
Q.CODE: C485  Answer Q.No.1 which is compulsory and any five from the rest.  The figures in the right hand margin indicate marks.  Answer all parts of a question at a place.													210			
Q1		Answer the f	ollow	ina c	uesti	ions	:								(2 x 10)	
	Answer the following questions:  a) What is compiler Design ? Explain.															
	b) What is the difference between LEX and FLEX ? Explain.															
210											21(					
210	d)	Find the useful grammar from the following and draw the parse tree A $\rightarrow$ xyz / Xyzz Z $\rightarrow$ Zy / z									210					
	e)	Construct a D X = (a+b)*r+s		or the	follov	ving										
	f)	What are the					age a		ion st	rateg						
210	g)	Define the ter						210			21			210		210
	h)	What are the		-			ode g	jenera	ation '	?						
	i)	Why loop unr	•													
	j)	What do you	mean	by ha	andle	prun	ing ?									
Q2	۵۱	Explain the va	arious	nhac	oc of	comi	oilatio	n 2							(5)	
210	a) b)	What is the di		•					hotto	m un	narsi	na ey	nlain	210	(5) (5)	210
	υ,	What is the di	incici		Stwee	п юр	dowi	Тана	Dollo	тт ир	parsi	ng cx	ринт.		(0)	
Q3	a)	Test whether the grammar is LL(1) or not and construct a predictive parsing table it S $\to$ AaAb / BbBa A $\to$ $\epsilon$														
210	h۱	$B \rightarrow \epsilon$	. ~ O F	: ما من	210au		ما مامة:	210	مامم		21			210	(E)	210
	b)	What is parsir	ng ? E	xpıaı	n witr	ı a su	litable	exan	npie.						(5)	
Q4	DFA. $E \rightarrow E + T/T$ $T \rightarrow T * F/F$															
210		$F \rightarrow id$			210			210			21			210		210

10	210	210	210	210	210	210	210
	Q5	Consider the for parsing table. $S \rightarrow BB$ $C \rightarrow dC$	llowing grammar. P	erform a SLR <sub>I</sub>	parsing & draw	the SLR (	10)
10	210	$C \rightarrow b$ 210	210	210	210	210	210
	Q6 a		ode Elimination ? Whatimization ? Explain t				(5) (5)
10	Q7 a	created for a blo	ucture of a symbol ck structured langua diate code generation	ge. <sub>210</sub>	210	210	(5) 210 (5)
	Q8 a b		ization				(5) (5)
10	210	210	210	210	210	210	210
110	210	210	210	210	210	210	210
10	210	210	210	210	210	210	210
110	210	210	210	210	210	210	210
10	210	210	210	210	210	210	210