]	Enrollm	nent No:				E	xam Sea	t No:			
			$\mathbf{C.U}$	J.SH	AH U	N	IVE	RSI	ΓY		
			Su	ımme	r Exan	nin	ation	1-201	7		
	•		anguage Processor Designing FE02LPD1			_	Branch: M.Tech (CE)				
\$	Semeste	er: 2	Date	06/05/20	17	T	`ime: 02	:00 To 05	5:00	Marks:	70
<u>]</u>	(2) (3)	Use of P Instructi Draw ne	ons written	on main a s and figur	answer book res (if neces	k are	strictly	to be obe		prohibited.	
Q-1		Attemp	ot the Follo	owing que	SECTI estions	ON	– I				(07)
	a.	Define:	Predictive	Parser.							
	b.	Define:	Cross-Cor	npiler.							
	c.		Macros.	-							
	d.	List var	ious types	of Editors	.						
	e.	Define:	Determini	stic Autor	nata.						
	f.	Define	: Context F	ree Gram	mar						
	g.	What is	Lex and Y	ACC?							
Q-2		Attemp	t all quest	ions							(14)
	a.		Two Pass								
	b.	What is	Symbol T	able? Exp		ъ					
0.2		Attom	ot all amout	iona	0	K					(14)
Q-2	a.	_	t all quest Relocation								(14)
	b.	-	Various L								
Q-3		Attemp	t all quest	ions							(14)
	a.			-	ic and sema		-	-			
	b.	What is	Error in co	ompiler? I	Explain vari		error rec	overy stra	ategies o	of parser	
						OR					
Q-3		_	t all quest		C 1:CC	1 .	.		1.0	11 0	(14)
	a. b			-	f difference			-		-	
	b.	Constru	ICI NFA [0]	-	g regular ex			convert 1	ı mo D	гА	
				a o	(c d e)	ia #	-				



SECTION – II

Q-4		Attempt the Following questions	(07)
	a.	Define: Lexemes.	
	b.	Define: Loader.	
	c.	Define: Parsing.	
	d.	Define: Peephole Optimization.	
	e.	Justify Role of Lexical Analyzer.	
	f.	What is DAG?	
	g.	What is Ambiguity in grammar?	
Q-5		Attempt all questions	(14)
	a.	What is Activation Record? Explain	
	b.	Explain macro expansion	
		OR	
Q-5		Attempt all questions	(14)
	a.	Explain different kind of Procedure calls.	
	b.	How to optimize code in compiling process? Explain the process.	
Q-6		Attempt all questions	(14)
	a.	Check whether the given grammar is LL (1) or not.	
		E →T'	
		E→ ΤΕ' ε	
		T→VT'	
		T' →/VT' ε	
		$V \rightarrow < id >$	
	b.	Explain overlays with suitable example.	
		OR	
Q-6		Attempt all Questions	(14)
	a.	Explain various storage allocation strategies	
	b.	Describe Design issues in code generator.	

