Compiler	Construction J31	Nipo.
Date: April, 11) Sessional-II Exar	
Course Instru	Total Time (Hrs):	
Mr. Aamir Raheem, Dr. Faisal Aslam		Total Marks: 3
Dr. Aatira Anu	um, Mr. Hamad ul Qudous	Total Questions:
Roll No	Section	Student Signature
Do not write below	Attempt all the q	
Q1) Remove left [10 mark L -> L S -> T S -> T	recursion from the following CFG. Also s] S Halt	o, perform left factoring where necessary.
CLO # 3: Design a	nd implement a simple lexical analy	
Q2) Implement a	recursive-descent parser in C++ for t	ne following grammar: [10 mark
F -> T i	d (P) ()	
T -> int	char	
	d; P ^ ptv string (ε). Assume you are alrea	dy provided with a function getToken(), when the design of
eturns the next tol		

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CLO # 1: Describe the basic phases of Compilation and recognize the theories and technique



