



COLLEGE OF ENGINEERING PATHANAPURAM

Under CAPE | Government of Kerala

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QUESTION PAPER OF ASSIGNMENT I

PEC/ISO/ CSE/654

Class: S6 CSE

Course: CST 302 COMPILER DESIGN

Academic Year: 2021-22

Answer all questions(All Questions Carries Equal marks) Max marks:7.5

Q no:	Questions	Marks	Blooms Taxonomy	CO Attainment
1.	Apply Bootstrapping to obtain a compiler for p on machine M, already there exist a compiler for p on machine N.	1.875	L3	CO1
2.	calculate the no: of lexemes & tokens in the following statement. Printf("i = %d, &i = %x", i, &i);	1.875	L3	CO1
3.	Solve the given grammar by eliminating left recursion. S -> Aa/b A -> Ac/Sd/€	1.875	L3	CO2
4.	Illustrate left factoring. S ->a/ab/abc/abcd/e/f	1.875	L3	CO2