Matterial Offiversity of Computer and Emerging Sciences, Labore Campus

The same of	Course Name:	Compiler Construction	Course Code;	CS 4031
TO THE	Program:	BS (CS)	Semester:	Spring 2023
	Duration:	One hour	Total Marke:	30
	Paper Date:	27-Feb-2023	Weight:	
	Section:	6A and 8A	Page(s):	1
	Exam Type:	Mid-1	,	

Student : Name:______ Roll No.

Solve question 1 on page 1, question 2 on page 2, and question 3 on page 3. Only the first three pages will be marked!

Question 1

Give token-lexeme pairs for the following source code:

Question 2

Give a DFA for the token num:

Halt the machine only after reading all the digits. You may use the keyword "other" and the symbol *

Question 3

Consider the following grammar

Set precedence of operators & and # higher than that of = sign. Set associativity of all the operators from left to right (left associative).