National University of Computer and Emerging Sciences, Lahore Campus



Digital Logic Design Course: **BS** (Computer Science) Program: **Duration:**

Ε

15 Minutes 10-June-20

Reg. No.

Course Code: EE-227 Semester: Spring 2020 **Total Marks:** 10 Weight 2.5 % 1 Page(s):

Instruction/Notes:

Calculators are strictly not allowed in all exams

Plagiarism will be dealt seriously causing an F in course

Characteristic table of L-M Flip Flop is given below. Find its characteristic equation.

Quiz 4

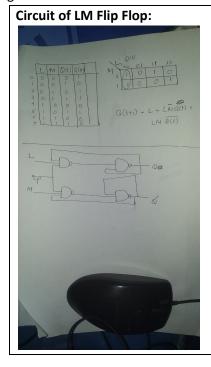
Characteristic Table of L-M Flip Flop

Paper Date:

Section:

Exam:

L	M	Q(t+1)
0	0	Q'(t)
0	1	1
1	0	Q(t)
1	1	0



Show your working here:

Working on the same page

	1
	J
Characteristic Equation:	
Q(t+1) = L + L.M'.Q(t) + L.M.Q(t)'	