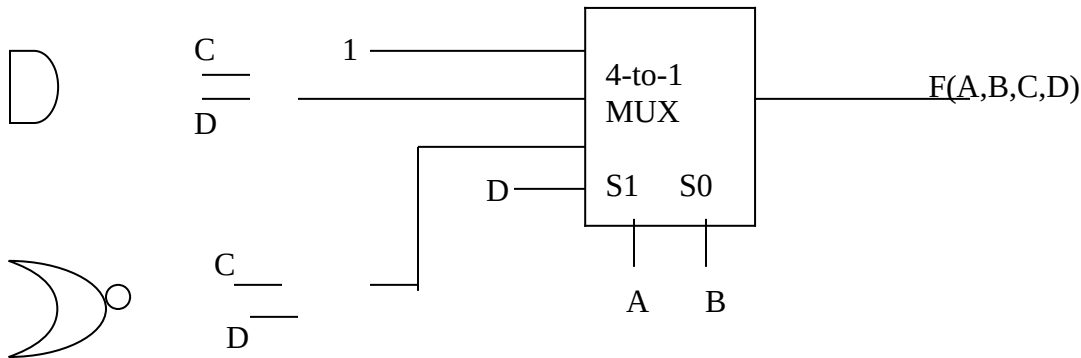


National University of Computer and Emerging Sciences, Lahore Campus



Course:	Digital Logic Design	Course Code:	EE227
Program:	BS(Computer Science)	Semester:	Fall 2018
Duration:	25 Minutes	Total Marks:	10
Paper Date:		Weight:	
Section:	A	Page(s):	
Exam:	Quiz-2	Roll Number	

Q1. Determine the following function implemented using a multiplexer. Write minterms only e.g., $\sum m(31,32,33,34,35,36)$ **[5 marks]**



F (A,B,C,D) =

[Q2] Design a dual 8x1 MUX using four single 4x1 MUX and a dual 2x1 MUX. **[5marks]**