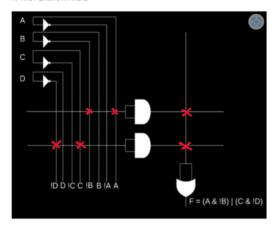


2. Show how the logic equation (A AND NOT(B)) OR (C AND NOT(D)) can be implemented using the following:

## A. The PLA shown here:



## B. The LUT shown here:

RAM CONTENTS				
Address				Output Data
Α	В	С	D	F
0	0	0	0	0
0	0	0	1	
0	0	1	0	1
0	0	1	1	٥
0	1	0	0	0
0	1	0	1	0
0	1	1	0	1
0	1	1	1	0
1	0	0	0	1
1	0	0	1	1
1	0	1	0	4
1	0	1	1	4
1	1	0	0	0
1	1	0	1	0
1	1	1	0	1
1	1	1	1	0

