

key2

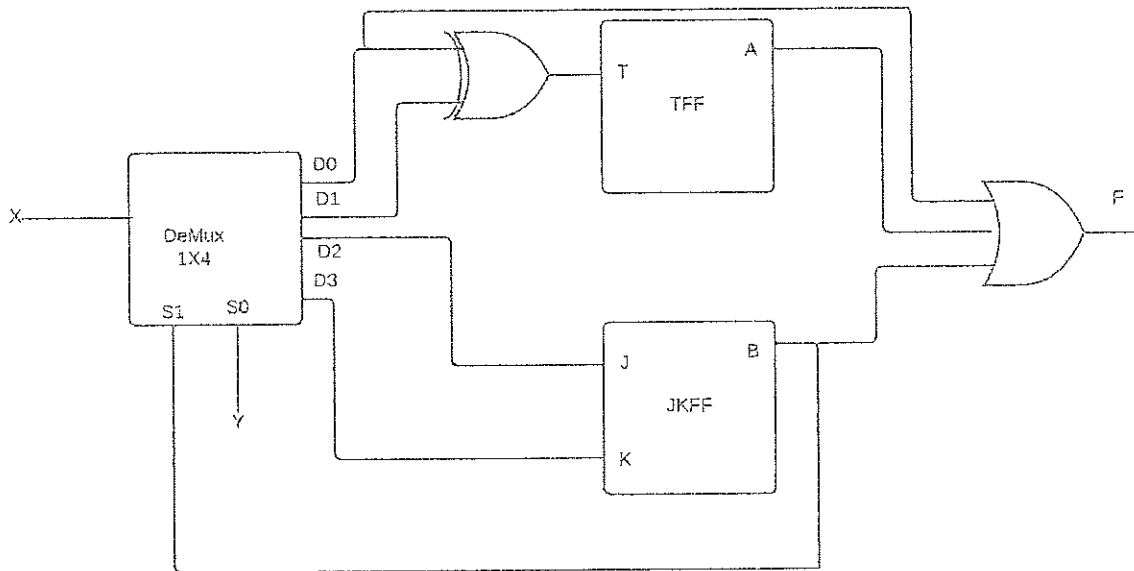


Faculty of Engineering and Technology
Electrical and Computer Engineering Department
Quiz#3

Name: _____

#: _____

Find the state table for the following circuit. (10 points)



P. S input



present		inputs		next		out							
A	B	X	Y	A	B	F	D ₀	D ₁	J	K	T _A	J _B	K ₂
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0	0	0	0	0	0
0	0	1	0	1	0	1	1	0	0	0	0	0	1
0	0	1	1	1	0	0	0	1	0	0	0	0	1
0	1	0	0	0	1	1	0	0	0	0	0	0	0
0	1	0	1	0	1	1	0	0	0	0	0	0	0
0	1	1	0	0	1	1	0	0	1	0	0	0	0
0	1	1	1	0	0	1	0	0	0	1	0	0	0
1	0	0	0	1	0	1	0	0	0	0	0	0	0
1	0	0	1	1	0	1	0	0	0	0	0	0	0
1	0	1	0	0	0	1	1	0	0	0	0	0	1
1	0	1	1	0	0	1	0	1	0	0	0	0	1
1	1	0	0	1	0	1	0	0	0	0	0	0	0
1	1	0	1	1	0	1	0	0	0	0	0	0	0
1	1	1	0	1	1	1	0	0	1	0	0	0	0
1	1	1	1	1	0	1	0	0	0	1	0	0	0

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