

# **Class Activity 10**

March 28<sup>th</sup> Activity

A B C	$\bar{A} \bar{B} \bar{C}$	$d_A$	$K_A$	$J_B$	$K_B$	$d_C$	$K_C$
0 0 0	0 1 0	0	x	1	x	0	x
1 0 0	0 0 0	0	x	0	x	x	1
2 0 1	0 1 1	0	x	x	0	1	x
3 0 1	1 1 0	1	x	x	0	x	1
4 1 0	x x x	x	x	x	x	x	x
5 1 0	x x x	x	x	x	x	x	x
6 1 1	0 0 1	x		x	1	1	x
7 1 1	x x x	x	x	x	x	x	x

JA                    KA                    JB

00	01	11	10
0	0	1	0
x	x	x	x

x	x	x	x
x	x	x	1

1	0	x	x
x	x	x	x

KB

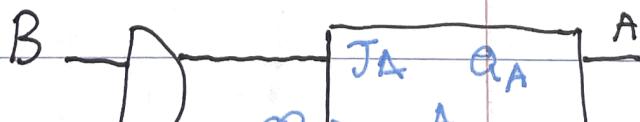
x	x	0	0
x	x	x	1

Jc

0	x	x	1
x	x	x	1

KB

x	1	1	x
x	x	x	x



	A	B	C	D	A	B	C	D
0	0	0	0	0	X	X	X	X
1	0	0	0	1	0	0	1	1
2	0	0	1	0	X	X	X	X
3	0	0	1	1	0	1	X	X
4	0	1	0	0	X	X	X	X
5	0	1	0	1	0	1	1	1
6	0	1	1	0	X	X	X	X
7	0	1	1	1	1	0	1	0
8	1	0	0	0	X	X	X	X
9	1	0	0	1	0	0	1	1
10	1	0	1	0	X	X	X	X
11	1	0	1	1	1	1	0	1
12	1	1	0	0	X	X	X	X
13	1	1	0	1	1	1	0	0
14	1	1	1	0	X	X	X	X
15	1	1	1	1	0	0	0	1

DA

AB	00	01	11	10
00	X	0	1	X
01	X	1	0	X
11	X	1	0	X
10	X	1	1	X

$\bar{A}BC + A\bar{C} + \bar{A}\bar{B}C$

DB

AB	00	01	11	10
00	X	0	1	X
01	X	1	0	X
11	X	1	0	X
10	X	0	1	X

$\bar{B}C + \bar{B}\bar{C}$

DC

AB	00	01
00	X	1
01	X	0
11	X	1
10	X	1

C

D<sub>0</sub>

AB	00	01	11	10
00	X	1	1	X
01	X	1	1	X
11	X	1	1	X
10	X	1	1	X

I

