

a.)

cd \ db	00	01	11	10
00	1		1	1
01	1	1	1	
11		1	1	1
10	1	1		1

$$F(a,b,c,d) = bd + a'd'd' + a'b'c + acd'$$

b.)

Bc \ A	00	01	11	00
0	1		1	
1	1	1		

$$F(A,B,c) = AB' + B'c' + A'BC$$

