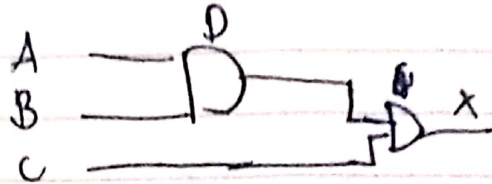
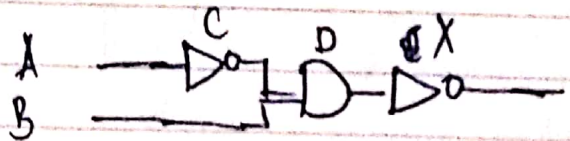


DSD Lab 2

Lab Task #3

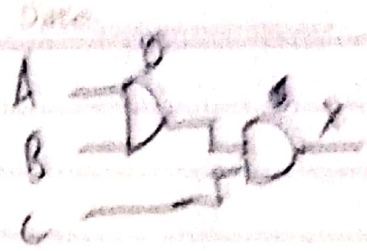
(a) $(A \text{ AND } B) \text{ OR } C$ 

A	B	C	D	X
0	0	0	0	0
0	0	1	0	1
0	1	0	0	0
0	1	1	0	1
1	0	0	0	0
1	0	1	0	1
1	1	0	1	1
1	1	1	1	1

(b) $(A' \text{ AND } B)$ 

A	B	C	D	X
0	0	1	0	1
0	1	1	1	0
1	0	0	0	1
1	1	0	0	1

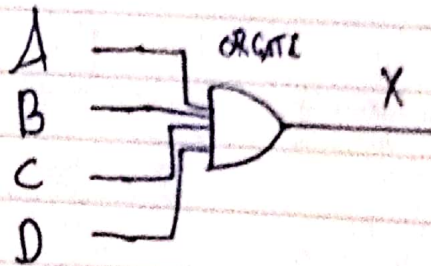
c) $(A \text{ OR } B) \text{ AND } C$



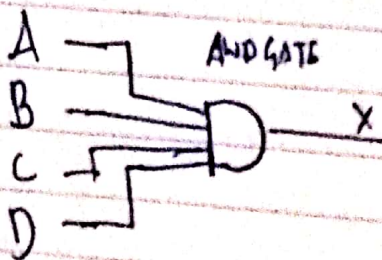
A	B	C	D	X
0	0	0	0	0
0	0	1	0	0
0	1	0	1	0
0	1	1	1	1
1	0	0	1	0
1	0	1	1	1
1	1	0	1	0
1	1	1	1	1

Lab Task #4

(1) $A + B + C + D$

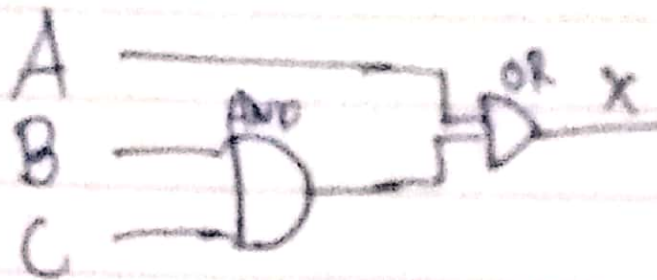


(2) ABCD

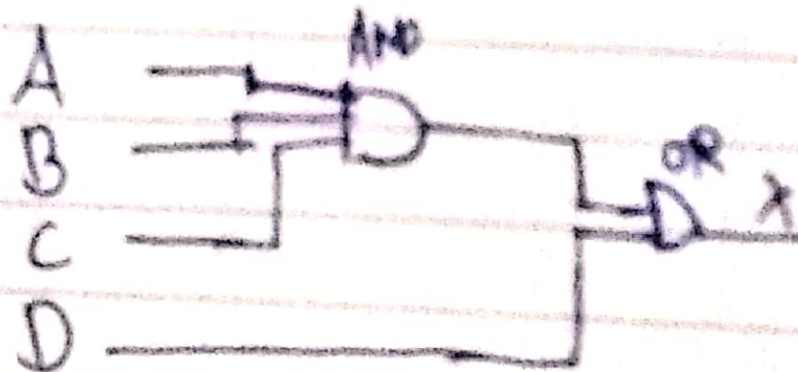


Date

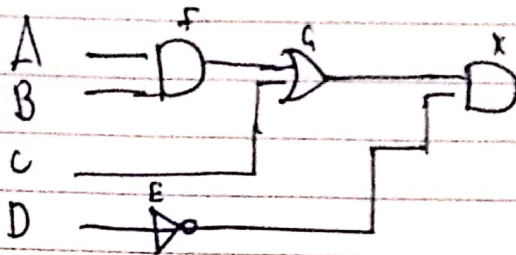
(b) $A + BC$



(w) $A BC + D$



LAB Task #5



A	B	C	D	E D'	F A AND B	G C OR F	X
0	0	0	0	1	0	0	0
0	0	0	1	0	0	0	0
0	0	1	0	1	0	1	0
0	0	1	1	0	0	1	0
0	1	0	0	1	0	0	0
0	1	0	1	0	0	0	0
0	1	1	0	1	0	1	0
0	1	1	1	0	0	1	0
1	0	0	0	1	0	0	0
1	0	0	1	0	0	0	0
1	0	1	0	1	0	0	0
1	0	1	1	0	0	1	0
1	1	0	0	1	1	1	0
1	1	0	1	0	1	1	0
1	1	1	0	1	1	1	0
1	1	1	1	0	1	1	0