

Práctica 1 – Ejercicio 2

A B					
C D		00	01	11	10
	00	0	0	1	0
01	01	0	1	1	1
	11	1	1	1	1
10	10	0	1	1	1
	11	0	1	1	1

AND/OR:

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

NAND/NAND:

$$\sim(\sim(C*D)*\sim(B*D)*\sim(B*C)*\sim(A*D)*\sim(A*C)*\sim(A*B))$$

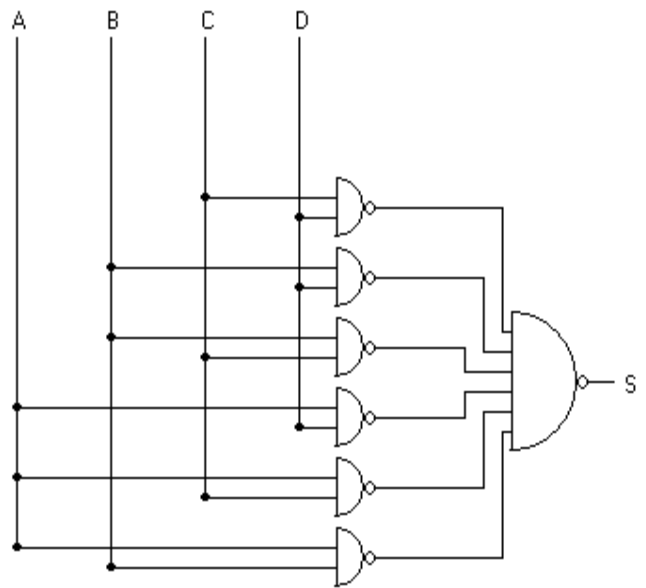
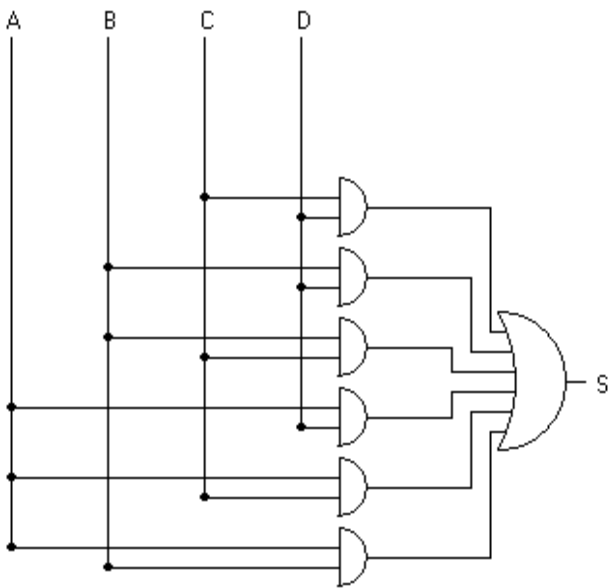


Tabla de verdad

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