

1.-a)

x \ yz	00	01	11	10
0	1		1	
1		1	1	1

XYZ

$a(3, z) = -11 \rightarrow yz$

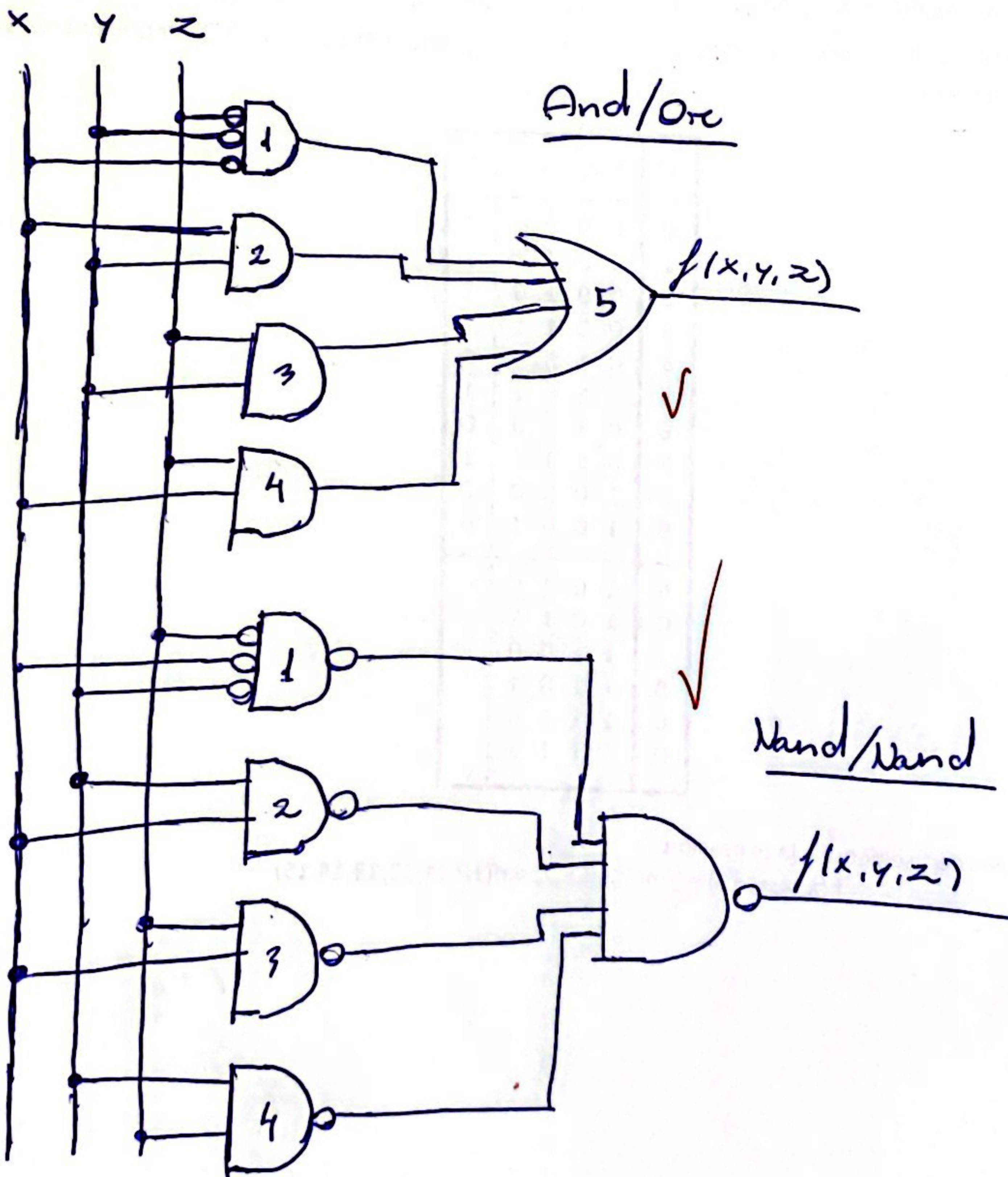
$b(6, z) = 11- \rightarrow x \cdot y$

$c(5, z) = 1-1 \rightarrow x \cdot z$

$d(0) = 000 \rightarrow \bar{x}\bar{y}\bar{z}$

$f(x, y, z) = (\bar{x}\bar{y}\bar{z}) + (xy) + (x \cdot z) + (y \cdot z) \Rightarrow \text{And/Or}$

$f(x, y, z) = (\bar{x}\bar{y}\bar{z}) \cdot (\bar{x}y) \cdot (\bar{x}z) \cdot (y \cdot z) \Rightarrow \text{Nand/Nand}$



Realizacio
Funcion

NOT (Inversor)

AND-2

OR-2

2.-

xy \ zu	00	01	11	10
00				
01				
11				
10				