1. i. F = (~(x*y) + x*y)*~y

    F = ((1)*~y

    F = ~y

    ii.

x	y	z	F=~y
0	0	0	1
0	0	1	1
0	1	0	0
0	1	1	0
1	0	0	1
1	0	1	1
1	1	0	0
1	1	1	0

iii.