

Parity checker step1 no. of inputs: xyzp output: 00 F (AOB F7 false ZOP X Dy 000000 = 5 (0, 3,5, 6,9,0,0,12,15) X04020P)

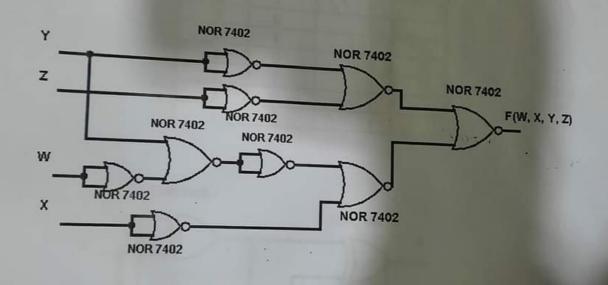
4) Design an odd Parity generator/ step1 Parity generator Parity checker circuits 3 inputs x, y,-z truth table XEY Note: P72 P= 5 (0, 5, 6, 93) F6=xy'+xy F6 = X ⊕ Y 6xclusive-OR (X ory; but not both) F8 = xy + x'y' Equivalence (x equals y). KE Y =(x Dy &z)

Lab 5 (NOR only)

Objective: implementing functions using NOR only.

Task to do in lab: implementing practically the following function using NOR only.

$$F(W, X, Y, Z) = (Y'+Z')(W'+X'+Y)$$



 $F(W, X, Y, Z) = \sum (0, 1, 2, 4, 5, 6, 8, 9, 10, 14)$