Name	**#**

Question#1: Write the complement of the following function using product of maxterms

$F(A,B,C,D) = \sum(0,2,4,6,8,10,12,14)$

Question#2: Write the following function using sum of minterms

$F(A,B,C,D) = ABC` + ABCD` + AC`$

Question#3: Write the truth table for the complement of the following function

$F(A,B,C,D) = \prod(0,2,4,6,8,10,12,14)$

Question#4: Simplify the following function using Algebra $F = Y(X + Y) + (X+Y)'Z + YZ$

Question#5: What is the expression of the following function in product of maxterms

$F(x,y,z) = (x+y)(x'+z)(y'+z')$,