## CSE260 Assignment 2

SECTION 14 MD Ikramul Kayes ID:21301576

Ams: to: que: no: 1 1101 Kyz + Kyz + Kyz = "yz' + "yz + "yz = Ky(Z+Z) + MyZ = n'y + nyz= y(n'+nz)  $=y(n'+n)(n'+z)^{2}$ = y (n'+z) b) (x'+y')(x+y) + (y'+y')(x+y') + (y'+y')(x+y') + (y'+y')(x+y') + (y'+y')(x+y') + (y'+y')(x+y'2,71 + 6N+ 2,6N = Ky + My + 0 E, N - (Z, R + h) N = n'y+ny' es (a+b) (a+b)  $= \frac{(-\alpha)' + (-b)'}{(-\alpha)' \cdot (-b)'} \cdot (-b)' \cdot$ = 人り、人か

Ans: to que: no: 2 2] WF= N'y'+Ny = y'(n'+n) = 4' After complimanting F we get F'= Y/Ans) 图 21 划 F= (n'+y+ z') (n'+y') (n+z') After complimanting F we get, · F'= ((N'+y+z')(n'+y')(n+z')) = (n'+y+z')'+(n'+y')'+(n+z')'= Ky'Z + Ny + K'Z  $= \kappa (y + y'z) + \mu'z$ = K(Y+y')(y+z) +n'z = K(y+Z)+N'Z = Ky + KZ + K'Z = Ky + Z (n+K')

= 14+7 (Ans)

Ans: to: que: no:3 3 A) F(A, B, e) = A'B + A'BC + A'C 70 (A'B)' A'B+A'BC+A'C (A'Be)' A'BC+A'e m (A'C)



Ans: to: que: no: 4

Haj F(A,B,e) = A'B+A'B'e +A'e'

AB+ABE+ACC A'B A B'E+ A'C' , A'e'

. . . /

46) F(A,B,C,D) = (AB'e'D'+AD+(B+D'))

