Obaid 0793

b) y= (B+ E) . A) + (B. (c. 0)) + (B. 0) (AB) . (B.L') (AB+AC + B(+050) + (B.D) AB . (B-C) AB+ABD+ABC+ABD+BC+BD+BD . AB + ABO + ABE + BC + BO + BO Ā+B (B.Z) (B+ (00) . A + B (C+ D+0) ABT + BBC (B+i). A + B(C+2) ABI Ams (B+i) A + B AB+AC+B => AC+ AB+B AC+B(A+1) C) F= (x+y). 2 + (x + y + Z) SAE+B xz+ yz + x + y + z f= xy + yz + x yz d) y = A B (BC) + BC B. BC + BC B. BC = A + B + B ( + B ( B + B ( B + E ) + B ( B + E ) Ā (B BC) + BBC & BC A+(B+BL) + BBL + BL. (BBL) A+(B+BC) + BBC + BC(B+BC) A+B+B(+ BC+ B(B+C)+B(B+B(-1) A+B+BL + BB + BE + BCB + BL A+B+B(+0+BC+0 A+B+B(C+E) A+B+B A+1 = 11

Date: ABC + ABC + ABC + ABC + ABC  $BC(A+\bar{A}) + A(\bar{B}+\bar{c}) + \bar{A}+\bar{B}+\bar{c} + A\bar{B}C$   $BC + A\bar{B}+A\bar{c} + \bar{A}+\bar{B}+\bar{c}+A\bar{B}C$ B(A+1) + C(A+1) + A+ BC + ABC B+C+A+ BBC+ABC B (1+AC) + C+ A + BC  $\bar{B} + \bar{c} + \bar{A} + BC$   $\bar{B} + \bar{c} + \bar{A} + B$   $\bar{B} + \bar{c} + \bar{A} + C$ (1+ + + A) (1 + B + A)

> B 0











