Frtugrul KANTAR 05190000086 Odev-5 Solugal $(1) a-14, = \sum (0,2,4,5,7) \sim 4 = \sum (0,1,2,3,8,10,14)$ b-) $y_1 = \pi(1,3,6) \sim y_2 = \pi(4,5,6,7,9,11,12,13,15)$ C-) $y_1=m_0+m_2+m_4+m_5+m_7$ 42=mo+m1+m2+m3+m8+m10+m14 d-)4,=M1.M3.M6 92=M4.M5,M6.M7.M9.M11.M12.M13.M15 e-) Y1 = ABC+ABC+ABC+ABC+ABC = BC(A+A)+AC(B+B)+ABC=BC+AC+ABC = C(B+AB)+AC = AC+BC+AC Y2=ABCD+ABCD+ABCD+ABCD+ABCD+ABCD+ABCD =ABC(D+D)+AB(CD+CD)+BD(AC+AC)+ABCD = ABC+ABC+ABD+ABCD = AB (C+C)+AD(B+BC)=AB+ABD+ACD B+C =B(A+AD)+ACD -> ->=AB+BD+ACD

1

Ertugral KANTAR 05190000086 Soluful f-) y,=ĀĊ+BĊ+AC=[(A+C).(B+C).(Ā+Ċ)] → $\rightarrow = [(AB+AC+BC+C).(\bar{A}+\bar{C})]' \rightarrow$ ->=(0+0+ABC+AC+ABC+0+0+0)-> →= (Ā(BC+C))'=(ĀC+ABC)'=(Ā+B+C),(A+C) 'Y2=AB+BD+ACD=[(A+B).(B+D).(A+C+D)] -> →=[(O+ĀB+AĊ+BĊ+AD+BD).(B+D)]'→
→=[ĀB+ABĊ+BĊ+ABD+BD+ĀBD+ĀBD+BĒD+BĒD+AD+BD]'→
BĊ(1+A) BD(1+A) BD(1+A) AD(1+Ċ) BD(1+Ċ) >= (AB+BC+BD+AD) = (A+B), (B+C), (B+D), (A+D) Site (B+D) de S-) 103021 Ove 2 iden → A'C' A 41517160 ove 4 iden → B'C' AC+B'C+AC