

Archit Agrawal 202051213 frely foraval f = Em (0,2,3,4,5,6) Let ten legical vourieble be X, Y, Z f(x, Y, Z) = 5m(0,2,3,4,5,6) the K-map for the function of is 00 01 11 10 possible pairings are shown by black pen  $f(x_1, x_1, z) = I + II + III$  = Z + XY + XY $=\overline{Z}+(X\oplus Y)$ Roll No.  $\rightarrow$  202051213 sum = 16
sum is even realizing arauit wing NAND legates X f(x,7,2)

Arelit Agrawal 202081213 frew forancel 0.3(1) flaib, () = \( \int m \) (0, 1, 6, 7) + \( \int d \) (3 A, 5 f (a 15, c) = b + a (2) f (a, b, sd)= Em (0,1,3,5,7,8,9,11,13,18) Cd a 6 00 60 01 11 10 f.(a,b, gd) = d + Eb

Archit Agrawal 202051213 felul foraval 4. Output 6 C 0 D 0 0 Jan (31) 0 0 feb(28-19) 0 0 O Man (31) Apr. (30) • • • • • 0 0 0 May (31) 0 0 June (30) 0 0 July (31) August (3) 0 0 0 Sept (30) 0 0 Oct (31) 0 0 0 Mov (30) Dec (31) the K-map for the table is BA 00 Pc 01 11 I 00 I 01 X X 11 X 1 10 Let the function be f(D,C,B,A). f(D,C,B,A) = DA+DEB+DEA

Archit Agranza 200051213 Achil forewal DCB EA TA the object of shows

