

D/3 Pum = 26 @ a) P(x) = fy S (y,y,x): Vx P(x) = + ga J x P x) =1 9 = B) P(x) = Vy M(x, y, y): xy=9 Vx P(x) = 0 mem (9 a) Ux P(x,a)=0: 7 r P(x,a)=0 ∀y Pca,y1 = 1, y=2 Vy Pia,y)=v y== 3 y P (a, 5) =1 , y=a 7 g P(a, y)=0 y+9 5 yx P(x, 6) =1 ; Ex P(x, 8) =1 y p(l,y) =1 , y≠a by P: 6,41 =0 4=a 3 y Pc 6, y) =1 4=a 34 P(B,y) =0 4 #4 B) ∀ x by Pcx,43 =0 ; 7 x Jy Pcx,y) =1 8 x 3 y (P(x,y) =1- ] x by P(x,y) =1; by ]x P(x,y)=1; ]y &x P(x,y) =1; (5) M(K,4,2): x4 =2 Six,4,2): x+4=2 a) Z 3y 32 4x S(x,y,2)=1 60y=2 3 g 3 2 4 x 17 (x, y, 2) = 1 5.. 16 +4 = 11/12.. Yz ∀x3y S(xyz)=1 10.y=11 424x3y n(xyz)= 4=4