UPDE
W W W . U P D F . C N

-		
5.1	Tiana	2.5
36 C	VIO V	7.7

(71). a. Aland B'areindepedent So P(B/A')= PB')=1-0.7=0.3

b. P(AUB) = P(A) +P(B) - P(A)B) = 0.4+0.7 - (0,00)-7)=0.82

C. P(AB'/AUB) = P(AB'n(AUB)) = P(AB) = (0.4)(0.3) = 0.146

P(AUB) = P(AUB) = 0.82

(72) P(AINAZ) = 0.11 PAI)P(Az) = 0.055 So A, and Az are not independent

P(A:NA3)=0.05 P(A))P(A3)=0.0616 So A, and Az are not independent

P(A2 NA3)=0.07 P(A) P(A3)=0.07 So Az and /A3 are independent

80. The events A, Ae, As, Ay be that the components

So the system works it (A, UA, ) U(A) (A) A)
P(A, UA) = P(A, ) +PA, - P(A, ) = 0.9+0.4-(0.9)(0.a) = 0.99
P(A, ) = (0.9)(0.a) = 0.81

(PAPER) M(SAU. F1) P- (PAMER) P+ (SAU) A) P= (PAMER) U(SAU, A)) P

18PP.0 = (18.0) (PP.0) - 18.0 + PP.0 =



W W W . U P D F . C N	- 1217 COLUMNOT
(84) a. P(A, NA2 NA) = P(A) x RA:	XP(A2) =0.7 x0.7 x0.7 = 0.343
	Section 2.5
b. P= 1-0.343 = 0.657	
1810 to 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	Solaro Honn A D (IF)
C. P [(A, MA, MA)) U (AinA	2 MA3') U(A'MA2 (A3)]
50.0=(0.7)(03)(0.3) + (0.3)(0.7)	
20.189	
NH 0- (8.0) (H 0) - MAN HIM (600A) 0	(80) = (80) (84) 9.3
d. P = P(zero) + P(one pass)	= P(A')A2/) + 0.189
	7(0.3)(0.3)(0.3) + 0.189
P(179)=D. USS So A. and Andra Mat	=0.27+0.189=0.216
independent	
e P(afleus) one)=1-P(zero)	9=170.27=0,97319
the stange stand	
P(A, MAz MAzlaticasture) =	0-3430-20-3525
to thosago n'i	0-973
Section 3.1 It tout of A A	80, The events A. As.
(4) X = 2,3,45 X=5	7 16329
( RAPHUL AU, A) 1X=0,	73429
ppastoon + or P. 6 XZA	76300
	PARA AU)= (0 1000)= 0.81
(5) No commenced	A19 = (WAMPH) U(AU, A)) 4
PRESIDENCE TO SERVICE DE LA CONTRACTION DE LA CO	P. D. =



DATE:	
(O) 7-23,4,5,6,7-08-0=(5)7-(E)7=(15)7-(E)7	(85)
Y=3:555 Y=4: F555 Y=5: FF555 5F	
(=6:55 FSSS, 5 FFSSS, FSFSSS, FFFSSS	
	F.c.
Y=7: SS FFSSS, SFSFSSS, FSFSSS, FSFS	7555,
REFSIFSSS (2) (2) (2) (2) (2) (2)	2
(10). a. 17:0,1,2,3,4,5,6,7,8,4,10.	6
h X: -4, -3, -2, -1,0,1,2,3,4,5,6	
9 = (1=1= PB + inst)= P	19 (ZS)
(. U: 0,1,2,3,0,5,600 12190) = (1=Y)9:(	
)= P(Y=2) = P(GGB)=(1-P)2p	
d. 2:0,1,29 (9-1)=(80 NONT book of 19 =(1	
Section 3,2	
a. p(Y450) = 0.05+0.1+0.12+0.14 +0.25 +0.1	) = 083
b. P(Y750) = 1-0.83=0.17	
C P(YZ4a)=0.05+0.1 +0.12+0.14+0.75=0.66	

P(Y=47) = 0.05 +0.1 to. 12 = 0.27





DATE:

(23) a. P(x=z)= F(3)- F(2)= 0.39-0.19=0.2

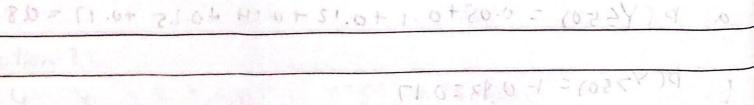
6. P(x>3)=1-P(x=3)=1-F(3)=1-0.67=0.33

c.P(2 < x < 5) = F(5) - F(2-1) = 0. d2 - 0. 1 = 0.78

- FIZEWATT 218/25/01/212/2-18-18-18-

d. P(2CxC5)=P(2Cx64)= F(4)-F(2)=0.92-0-39=0.53

P(0) = P(Y=0) = P(Bfirst)= P (25) P(1)=P(Y=1) = P(GFirst, thon 13)=(1-P)P p(2) = P(Y=2) = P(GGB) = (1-P)2p p(y)= P(y Gs and then a B)= (1-p)>p



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