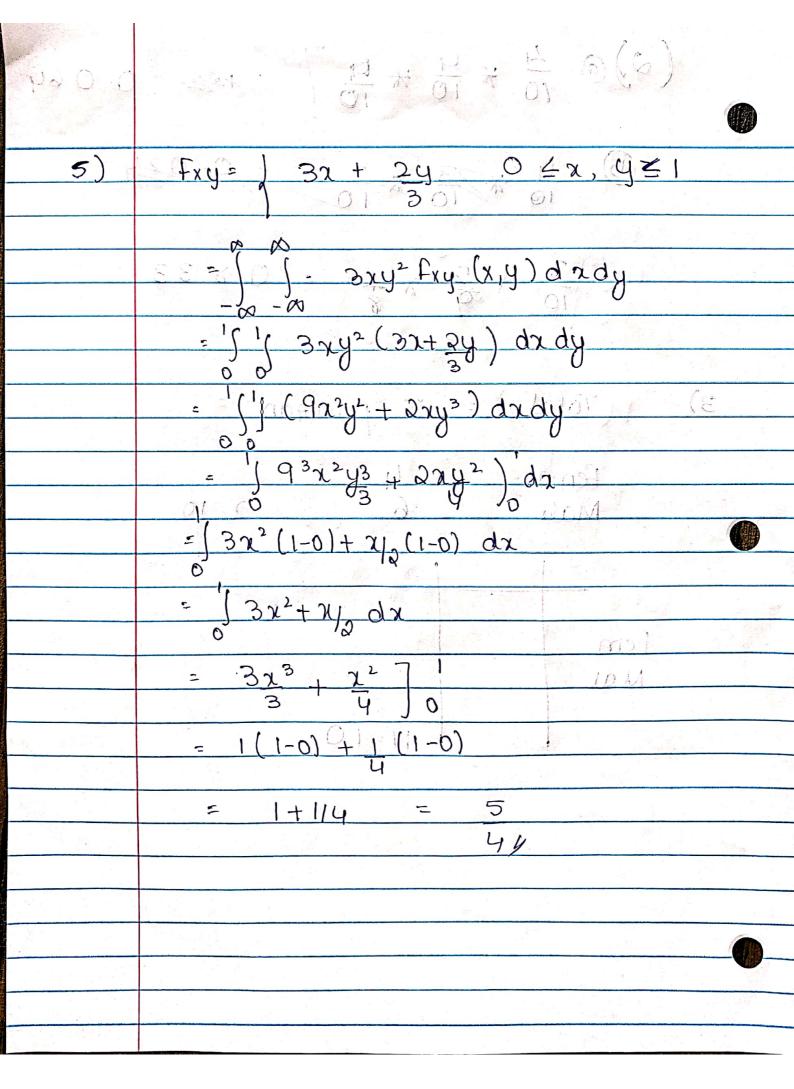
26	Shubham Shankar				
Mas 20	Shubham Shubham				
	Exam-1 1001761068				
1 0	P(c) = 0.3-1. = 0.003				
	P(s(c) = 0.85				
	P(s/NC) = 0.25				
The Control of the Co	P(NS/NC) = 1-0.25 = 0.75				
	P(ws/c) = 1-0.85 = 0.15				
	1.0.63 = 0.15				
α)	P(C/vs) = P(vs/c). P(c)				
and the second s	P(~s)				
	= P(NSIC) P(C)				
	P(NS).P(C) + P(NS/NC).P(NC)				
	C				
	= 0.15 X 0.003				
and the second	0.15 x 0.003 + 0.75 x 0.997				
e comment	- 0.00045				
A. Parisina de la Carte de la	0.00045 + 0.74475				
	0.00045 = 0.0006039				
	0.7452				
b)	$P(C S) = P(S C) \cdot P(C)$				
	P(S)				
	$= P(S/C) \cdot P(C)$				
	P(SIC)-PCC) + P(SINC)*P(NC)				
	6 0.82×0.003				
	(FPP.0)(25.0)+(800.0X28.0)				
	。				

= 0.00055 (0.24925) (OS. 0.0025,5P00.0xp= 0.221828210 0.010.127 Ratio of P(c/s)
P(c/ns) = 0.010127 0.0006039 = 16.769 Lew than 5: 4x4x6 = 0.064 201 = 0.0384 a b) pulling 3 morble gretar than equal 8 $\frac{3}{10}$ $\frac{2}{9}$ $\frac{1}{8}$ $\frac{2}{0.00833}$

20)	4C3 X (4)3 X 6000
	= 4 x 0.064 x 0.6 0 =
	TWIC10.0
	(2)) F () (C)
	F 2 10 10 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
HeQ O	01 01 01 -01 = 0 mode with (0.6
8	unigo curt integritarios de gratingo (o 2
	8 8 01 (a)

		A. 1. 1/4		1 2 10 E CA	
3)a)	Huperge	eometric	Distribut	ion	
	01 ()			10100	
b)	P - 1	Choose	Not chose	total	
	Female	4	6	9	
	Male	1	5	10	
a constant of the constant of	Total !	5		10	
7	D1 v - K 1	= /K)/	N-6		
· 6	$P(X=K) = \binom{K}{K} \binom{N-K}{N-K}$				
7 - 7			n		
0		4 C4 X	6C1 =	LX 6	
	, jok	10 (25	252	
	= 1 = 0.0.23809				
,					
		42	4		
c)	There Andrew	Choose	Notchose	total	
()	Fernale	2	5	10 cal	
	Male	3	3	6	
	Total	-5	5	10	
		1			
	$= 402 \times 603 = 6 \times 20 = 120$				
		1005		2 252	
	2 10 2 0 7 7 0 1 10				
	81				
		the state of the s			

4) @ P(x=0, y/24)=? 1/10 (-1/1)
= Pxy/(0,2)+ P(xy)(0,3) = 1/6 + 1/9 H ON THE SECONDARY OF SECONDARY Px(X) Fx (XIPy)) X: ERX (b) Px(y)= & P(Xi, Yi) for any y Ely 1: Px(x) = 1/3 BWE of X 5/18 $\chi = 1$ 7/18 X = 2 Otherwise 0 Px (4)= 5/18 other curse) P(X=3|X=1) = P(X=1, Y=3) $= \frac{P_{XY}(1,3)}{P_{X}} = \frac{1/9}{5/18} = \frac{1/\sqrt{18} \cdot 2}{9/5}$



0	
6 a	$1 = \iint (Cx + 4y^2) dxdy$
	1 . (((((((((((((((((((((((((((((((((((
	1 = (S(cx+4y2) dadys
	c(= 150 + 125 s== 1, (10 +1
	1 = 1 Cx+y + 4y-3 dx
	3 10
	1= [(x(1-0) + 4(1-0) dx
į	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	$1 = \int Cx + 4 dx$
5 4 12 4	0 3
	$1 = C\chi^2, L_{\gamma}$
	$\frac{1}{2} = \frac{2}{2} + \frac{4}{3} = \frac{4}{3}$
	$\frac{1 = (\chi^2 + 4\chi)' = c(1-0)+4(1-0)}{2}$
	C = 1 - 4
	2 3
	C = -2/3
A Alberta Philadelle	

