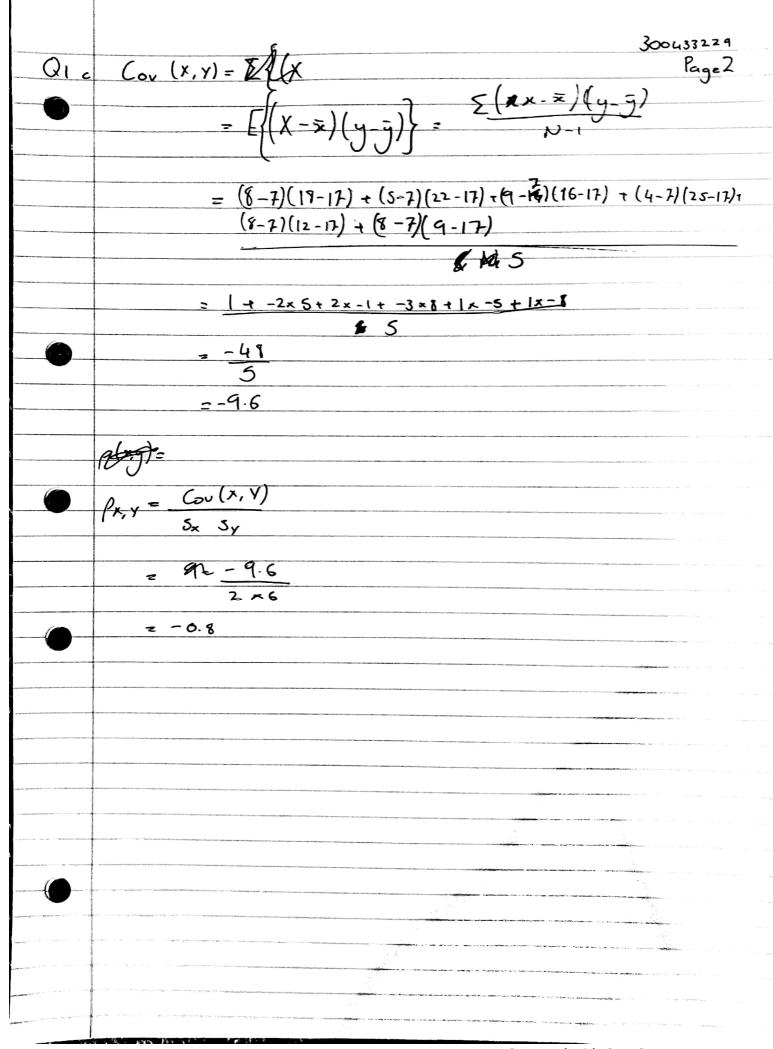
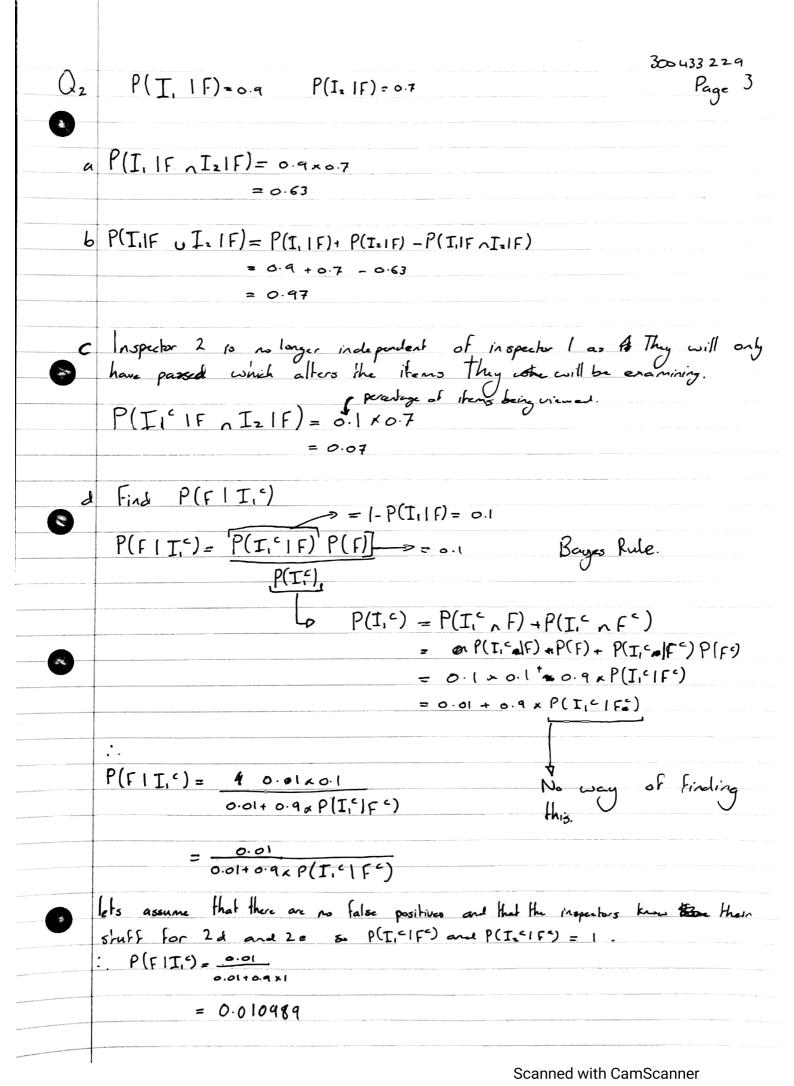
	3004			33229	
	Ecen 321 Test 1 Jashua	Benfell	29/04/2020	Page 1	
	5 4×3.6				
10	₹ = 8×3+5+4+9				
	= 42				
	= 7				
	= 7				
	y = 18+22+16+9+25+1=2				
妈			*		
	= 02				
	6				
	= 17				
	F. N. 7				
Ь	$S = \sqrt{\frac{1}{N-1}} \sum_{i=1}^{N} (x_i - \overline{x})^2$				
	V i=1				
	5 - 1 (9-27)2 19 m2 1	a)2 (-)2	10 - 22 (# - 22)		
	$S_{x} = \frac{1}{6-1} \left((8-37)^{2} + (8-7)^{2} + (3-7)^$	-7) + (5-7)	1(4-7)=+(44-7)		
			-		
	= \frac{1}{5} (1+1+1+4+4+9)				
	e 2				
	$Sy = \int \frac{1}{5} ((18-17)^2 + (22-17)^2 + (1$	6-17)2+(9	-17)2+(25-17)3+(12	-17)2/	
	0 10 (
		$\overline{\Box}$	334		
	= = = = = = = = = = = = = = = = = = = =	5)			
	ACCOUNTS OF THE PARTY OF THE PA				
	* 6				

Scanned with CamScanner





Q2 e & Find Etter Title

Find P(F | (I, ~ I.)) = P(I, ~ I, * F)P(F)

P(I, ~ I, * F)P(F) + P(I, ~ I, * I, * F)P(F)

= P(I, 1 F) P(I2 1 F) P(F) P(I, 1 F) P(I2 1 F) P(F) + P(I, 1 F) P(I2 1 F) P(F)

 $P(T_1^c|F) = 1 - 0.9 = 0.1$ $P(T_2^c|F) = a + 0.7 = 0.3$ P(F) = 0.1 $P(F^c) = 1 - 0.1 = 0.9$

1 Can't Find P(I'C|F') and P(I'C|F')
so it will equal

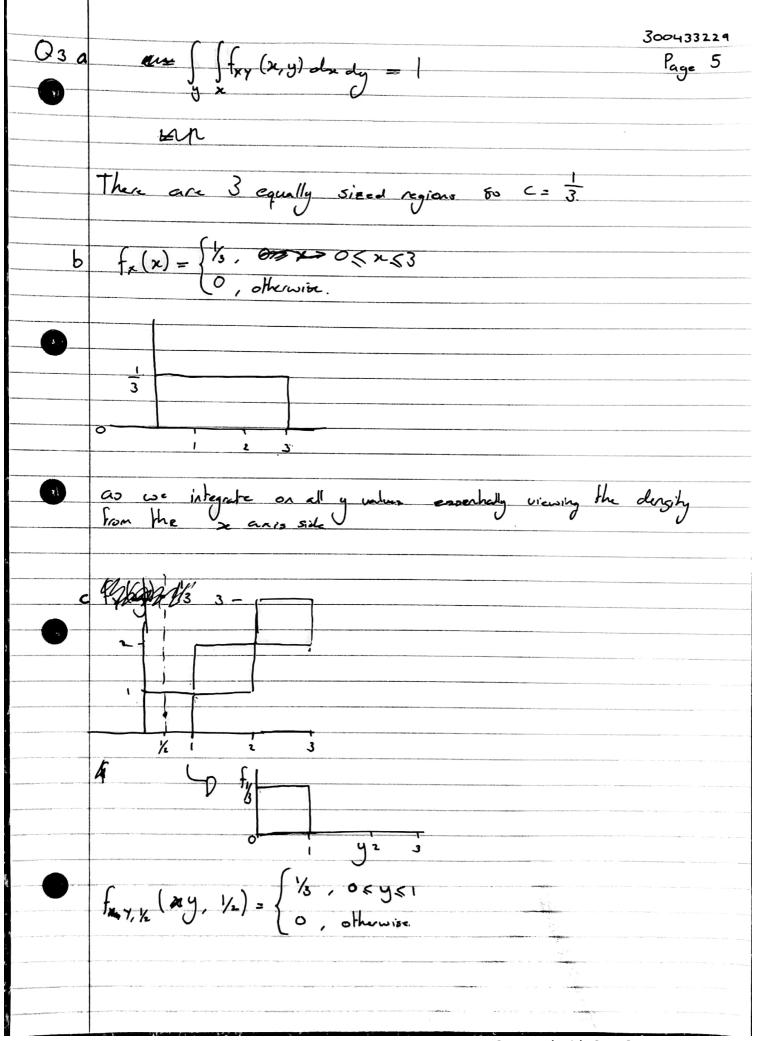
P(F 1 (I, (, I, ())) = 0.1 x 0.3 x 0.1 0.1 x 0.3 x 0.1 + 0.9 x P(I, (1F)) P(I, (1F))

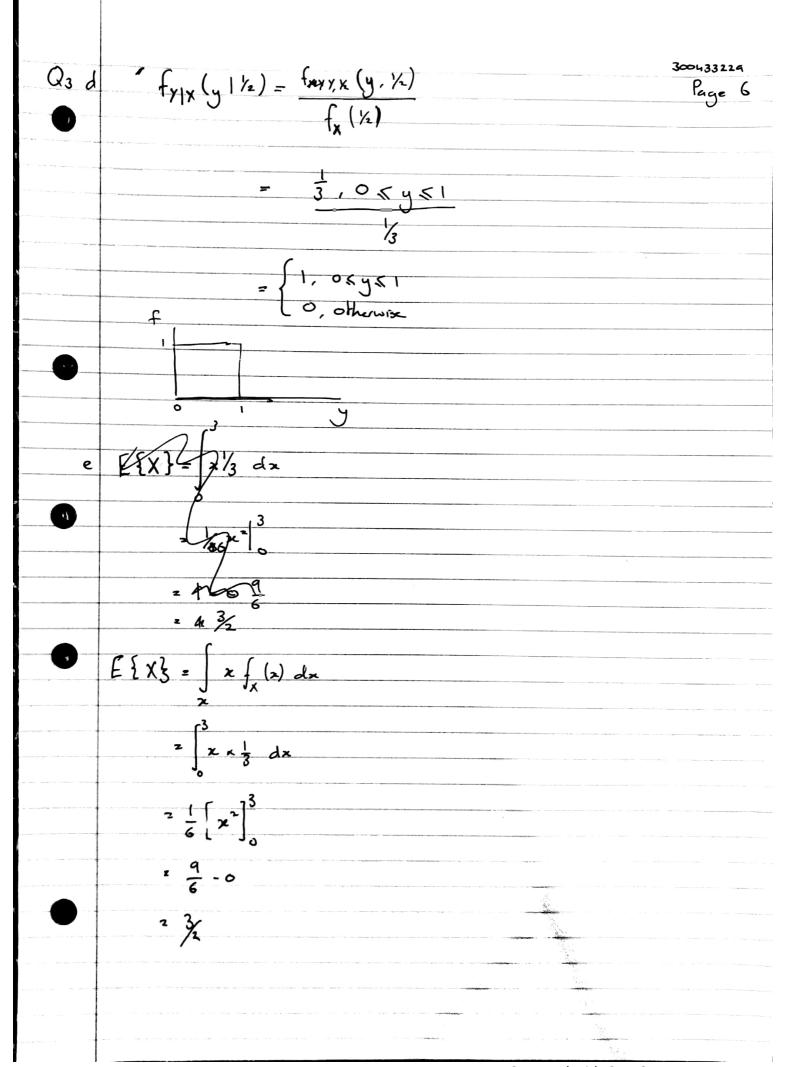
3×10-3 + 0.9 × P(I, 1 F)P(I, 1 F)

Using the assumption stated in 2d

 $P(F | (I_1^c, I_2^c)) = \frac{3 \times 10^{-3}}{3 \times 10^{-3}, 0.9 \times 1 \times 1}$

= 3.32 ×10-3





$$\begin{aligned}
& \left\{ \begin{array}{c}
E\{XY\} = \int_{0}^{1} xy \int_{0}^{1$$

