CSS322 - Quiz 2

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Nam	ne:		ID:	Marks:	(10)
Qu	estion 1	[2.5 marks	s]		
for a				ing from plaintext to ciping is split into two to f	
-			N O P Q R S T U V V Z S t h F z r w Y o		
			opqrstuvw: iTbkXpMjI		
(a)			make 10 ¹³ decrypt attorce attack? [1.5 mark]	empts per second, wha	t is the
(b)	Explain a pra	ctical attack ag	ainst the cipher. [1 mag	ark]	
Qu	estion 2	[3 marks]			
(a)	The process of	f converting a	coded message back to	o the original message i	s called
(b)	a message are	not released to	is a security servious unauthorised people.	ice that ensures the con	tents of
(c)				icious user pretends to b	

one they are not.

Question 3 [2 marks]

Using the first 8 letters of your full name (convert all uppercase to lowercase, and delete any characters which are not letters a—z) as a keywords, encrypt the ciphertext *comma* using the Playfair cipher.

Plaintext:		
Ciphertext:		

Question 4 [2.5 marks]

Consider the ciphertext seyosxisstuecixhra output from a rows/columns transposition cipher using the key 463152. What is the plaintext?

Plaintext:	