

CSS322 – Quiz 1

Name: _____ ID: _____ Marks: _____ (10)

For reference, you may use the following mapping of English characters to numbers:

a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

Question 1 [3 marks]

Consider the ciphertext `httessoatxtsseaumeoxeubexiiahnyqnvov` output from a rows/columns transposition cipher using the key 3162745. What is the plaintext?

Question 2 [3 marks]

- (a) Name an attack that the availability service aims to prevent. Describe how the attack works.

