2.3   Question 3

2.3.A   Can you find the encryption algorithm? Is it secure? Why?

CIPHERTEXT: SIDKHKDM AF HCRKIABIE SHIMC KD LFEAILA
PLAINTEXT: The snow lay thick on the steps and the snowflakes driven by the wind looked back in the headlights of the cars

2.3.B   Encryption with Playfair matrix

PLAYFAIR MATRIX:

J/K	C	D	E	F
U	N	P	Q	S
Z	V	W	X	Y
R	A	L	G	O
B	I	T	H	M

PLAINTEXT: I only regret that I have but one life to give for my country
CLEANED PLAINTEXT: IONLYREGRETXTHAT
CIPHERTEXT: MAPAZOQHGKHWHMLI

2.3.C   Encryption with Viginere Cipher

PLAINTEXT: cryptographic
(3-LETTER) KEY: wutwutwutwutw
CIPHERTEXT: ylrlnhcltlbby