Assignment: 2-

Part- a) Hill Cipher (Only Encryption)

Date of Assignment: 08 August 2017

Date of Submission: 16 August 2017 Time: 5:30 pm

To design a Hill cipher, we first assign a number to each letter of the alphabet, then add three punctuation marks (. , !) so that we have a prime number (29) of coded letters.

1. Read the Message

2. Convert the message into numbers

3. Read the Key of size 9.

4. Convert the key into numbers.

5. Perform the encryption and generate the ciphertext.

6. Also decrypt the ciphertext and generate the plaintext