

# **INFORMATION AND NETWORK SECURITY**

## **ASSIGNMENT NO. 2**

Note:

- i. Assignment should be handwritten.
- ii. It should be scanned and uploaded on Google Classroom.
- iii. Consider data wherever necessary.
- iv. Delay in deadlines would not be entertained.

**Solve the following three questions: [30 marks]**

1. Encrypt the following data using OneTimePad Cipher-

Plaintext = StatusCall      Keyword = OneTimePad

2. Encrypt the following data using Columnar technique-

Plaintext = LoveMotherEarth      Keyword = Column

3. Encrypt the following data using Rail Fence technique-

Plaintext = Youshouldbeactive      Depth = 3

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