UNIT: 1; INTRODUCTION TO DATA COMMUNICATION

ASSIGNMENT NO: 1

Q. I} Attempt the following (Short Answers):

1] What is data communication?

2] Mention the types of data representation.

3] Explain the term – Topology.

4] Define – Protocol. Give suitable example.

5] What is meant by RFC?

Q. II} Write short note on:

A] Simplex

B] Half Duplex

C] Full Duplex/ Duplex

D] Point-to-Point Network

E] Mesh Topology

F] Star Topology

G] Bus Topology

H] Ring Topology

I] LAN

J] MAN

K] WAN

L] Internetworks

M] Protocol Standards: De facto and De jure

Q. III} Attempt the following (Long Answers):

1] State and explain the characteristics of data communication.

2] Explain the components of data communication with suitable diagram.

3] Explain the concept of data representation in detail.

4] State and explain the computer network applications (Min 6 pts on each).

5] Draw and explain the Maturity Levels of RFC.

6] Explain the Requirement Levels of RFC.