Computer Networks and Data Communication (357)

(Semester V)

(Syll-dec-2019)

NOTE: The candidates are required to attempt any four questions from all. Each question carry equal marks.

SECTION-A

1. What is difference between OSI and TCP Reference Model.

2. What is computer network and explain types of networks.

3. Differentiate between Broadcast and Point-to-Point structure.

4. What are the major components of the Telephone system?

SECTION-B

5. Explain the DNS in detail.

6. What is FTP and Remote File Access ? Discuss FTP in detail.

7. What is difference between Repeater and Bridge ?

8. What are various ALOHA protocols ? Discuss each in brief.

SECTION-C

9. Answer the following question in short :

    i. What is Star topology?

    ii. Define data rate

    iii. Define Internetworking.

    iv. What is Hub?

    v. Discuss Circuit switching.

    vi. What is Electronic mail ?

    vii. Define FTP model.