LNCT UNIVERSITY, BHOPAL

Enrollment No. ▮▮▮▮▮▮▮

CS-206PC
B.TECH CS II SEMESTER
EXAMINATION [JULY-2024]
COMPUTER NETWORK

Maximum Marks: 70　　　　　Time Allowed: 3Hours

Note:- Attempt all questions internal choice are given.

(SECTION –A)

1. Short Answer Type Question (Attempt Any Five) [5x6=30]

   i. Compare Connection oriented and connectionless service.

   ii. Explain about the Guided transmission Medias in computer networks?

   iii. Describe sliding window protocol using Go back n.

   iv. Explain MAC sub layer protocol and frame structure of IEEE 802.11.

   v. Explain about the Routing algorithms.

   vi. Explain the operation of TCP with neat sketch

   vii. Explain the working of Electronic mail. How SMTP used in Email applications

(SECTION –B)

2. Long Answer Type Question (Attempt Any Four) [4x10=40]

   i. Explain the ISO-OSI model of computer network with a neat diagram.

   ii. Explain about the Carrier Sense Multiple Access Protocols?

   iii. Explain the function of ARP & RARP.

   iv. Discuss various types of networks topologies in computer network.

   v. Discuss in detail about world wide web.

   vi. Discuss the features of HTTP and also discuss how HTTP works.