

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 07

B.Sc.(IT) (Sem.-5)
COMPUTER NETWORKS
Subject Code : BS-305
Paper ID : [B0419]

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains SIX questions carrying TEN marks each and a student has to attempt any FOUR questions.

SECTION-A

I. Write briefly :

- a) What is Flow Control?
- b) Define Bridge. Give its example.
- c) Is there any drawback of using Piggybacking?
- d) Explain CSMA/CD.
- e) How does a router differ from a bridge?
- f) What is Segmentation?
- g) What is the purpose of Sequence Control?
- h) What is Polling?
- i) Define Multiple Access Collision Avoidance.
- j) Hybrid Technology

SECTION-B

2. What is Computer Network? Discuss OSI model for networking.
3. What are the different WAN technologies available in computer network?
4. Explain IEEE 802.3 standard.
5. Explain ARP packet format.
6. Differentiate between FDMA, TDMA, CDMA.
7. Discuss in detail about HDLC.

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