

S.B. Roll No.....

COMPUTER NETWORKS
5th Exam/Comp/IT/EEE/CSE/2626/Nov'17

Duration: 3Hrs.

M.Marks.75

SECTION-A

Q1. Do as directed.

1.5x8=12

- a. The basic purpose of network is..... &.....
- b. The other name for bus topology is.....
- c. The OSI reference model has..... Layers.
- d. MAN stand for.....
- e. A small Bluetooth network is called.....
- f. Simplex system works in one direction(T/F)
- g. Printer sharing is a term that does not allow one or more printers attached in the network to be used by all users(T/F)
- h. LLC stand for.....

Q2. Expand the following acronyms:

1x3=3

- i. NIC
- ii. VSAT
- iii. CSMA

SECTION-B

Q3. Attempt any five questions.

5x6=30

- a. Explain LAN, WAN & MAN.
- b. What are different classes of IP addressing?
- c. Write a note on multiplexing.
- d. Write a brief note on TCP/IP.
- e. Write working of CSMA/CD.
- f. What is network interface card?
- g. What are benefits of Bluetooth?
- h. Write a note on sliding window protocol.

SECTION-C

Q4. Attempt any three questions.

10x3=30

- i. Explain OSI reference model in detail?
- ii. What are various network connecting devices?
- iii. Define firewalls and explain types of firewalls?
- iv. Explain network trouble shooting techniques in detail?
- v. Write a note on
 - a. Modem and repeaters
 - b. FDM & TDM.