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 oter name for bus toplogy is...............................
   c. The OSI refrence 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.