S.B. Roll No..

COMPUTER NETWORKS
5th/Comp/IT/EEE/CSc/2626/Nov'15

Duration: 3 Hrs   **M.Marks=75**

Note: Attempt all Questions

SECTION-A

1. Fill in the blanks   1.5x10=15

   I.   LAN stands for ....
   II. OSI stands for............
   III. IP stands for............
   IV. PSTN stands for............
   V.   VSAT stands for............
   VI. PING 127.0.0.1 is loopback test (T/F)
   VII. RAID is storage technology (T/F)
   VIII. TCP/IP model has four abstract layers, each with its own protocols (T/F)
   IX. WAN has higher data transfer rate than LAN (T/F)
   X.   The next generation of internet protocol is IPV6 (T/F)

SECTION-B

2. Attempt any FIVE Questions   6x5=30

   I.   What do you mean by network?
   II. What is STAR Topology? What are its advantages and disadvantages?
   III. Differentiate between OSI and TCP/IP model
   IV. Write short note on Brouter (Bridge/ Router)
   V.   What is an Ethernet?
   VI. How Bluetooth works? Explain
   VII. Write a short note on Cryptography.

SECTION-C

Note: Attempt any THREE Questions   10x3=30

   3.   What are the various model used in a Network? Explain in brief.
   4.   Explain OSI reference model of networking
   5.   What is Network Security? How it can be obtained? Explain one method.
   6.   Explain various types of MODEMs in brief.
   7.   What do you mean by Topology? Explain the different types of Topology.