AB-3176
Third Year B. Sc. (Sem. V) Examination
March/April – 2015
Computer Science : Paper-VII(502)
(Computer Networking-I)

Time : 2 Hours] [Total Marks : 50

Instruction :

1)

(1) What is static routing and dynamic routing?
(2) Compare LAN, WAN and MAN.
(3) What is the function of driver?
(4) What are the media of transmission?
(5) What is firewall?
(6) What is the difference between digital data and analog data?
(7) What are the advantages and disadvantages of client server model?

2)

(1) Define topology. Explain any two physical topology.
(2) Distinguish between a repeater and a bridge.

OR

2)

(1) What is the purpose of CSMA?
(2) What is the difference between token bus and token ring?
(3) What are the services provided by web server and application server?
3 8+6
(1) Describe the role of transport layer and presentation layer.
(2) Compare the functions of hub, switch and router.

OR

3 8+6
(1) What are the networking features of single user operating system?
(2) Write note on a IEEE 802.2 and 802.5

4 Attempt any two 8
(1) Physical address and logical address
(2) Duties of System Administrator.
(3) Network security.