

Code: CSCS2T4

I M.Tech - II Semester - Regular Examinations - AUGUST 2016

COMPUTER NETWORKS
(COMPUTER SCIENCE & ENGINEERING)

Duration: 3 hours

Max. Marks: 70

Answer any FIVE questions. All questions carry equal marks

1.

a) Explain about TCP/IP reference model. 7 M

b) Explain about packet switching. 7 M

2.

a) Explain about world wide web. 7 M

b) Explain about Domain Name System. 7 M

3.

a) Explain about transport layer service primitives. 6 M

b) Write the differences between TCP and UDP. 8 M

4.

a) Explain distance vector routing algorithm with an example.
8 M

- b) Explain the following network layer protocols
i) ARP ii) RARP iii) ICMP 6 M
- 5.
- a) Briefly explain about Ethernet. 7 M
- b) Explain about wireless LANs 7 M
- 6.
- a) Explain about digital transmission. 7 M
- b) Explain about guided transmission media. 7 M
- 7.
- a) Explain the various real time interactive protocols. 7 M
- b) Explain about quality of service. 7 M
- 8.
- a) Explain any security algorithm with an example. 7 M
- b) Explain about various security attacks. 7 M