

TE / 2hsem-15/

TE (Information Technology) (Semester-I)(2015-16)

**Computer Network Technology (End Sem)
(2012 Pattern)**

Time : 1 Hour

Max. Marks :30

Marking Scheme

- Q1. a) Diagram of Link state routing ----- 4 Marks
Explanation----- 2 Marks
- b) Definition of ICMP ----- 2 Mark
Two messages of ICMP ----- 2 Mark

OR

- Q2. a) IPv6 header format ----- 4 Marks .
Explanation IPv6 of fields ----- 2 Marks
- b) Find class to which it belongs
No of host ----- 2 marks
Range of IP addresses----- 2 marks

- Q3. a) 3-way handshaking figure ----- 4 Marks
Explanation of 3-way handshaking ----- 2 Marks
- b) Explanation of two methods to overcome
Silly Window Syndrome problem ----- 4 Marks

OR

- Q4. a) TCP header format ----- 3Marks
Explanation TCP header format fields ----- 3Marks
- b) Performance issues in transport layer ----- 4 Marks

- Q5. a) DNS -----2 Marks
Resolver look up explanation with diagram ----- 4 Marks
- b) Definition of Persistent and
non-persistent HTTP connection ----- 2 Marks each

OR

- Q6. a) FTP explanation ----- 2 Marks
Use of FTP ----- 2 Marks
2 Ports of FTP explanation----- 2 Marks
- b) MIB structure and block information ----- 4 Marks