

Or

- a) Describe Internet Group Management Protocol.
- b) Explain Domain Name System in detail.

4. Explain different types of Private Network interconnection.

Or

- a) What do you understand by Socket Programming?
- b) Explain RPC and NFS in detail.

5. Write short notes on any two:

- i) Web server and browsers
- ii) Internet and web protocols
- iii) Internet Applications
- iv) Mark up languages.

MCTA - 202

M.E./M.Tech., II Semester

Examination, June 2014

Advance Computer Network

Time : Three Hours

Maximum Marks : 70

Note : Attempt all questions. All questions carry equal marks.
Assume any missing data.

1. a) Describe client server model in detail.

b) Explain Ethernet 802 encapsulation in detail.

Or

a) What is the difference between a port address, a logical address and a physical address?

b) Define the following: (i) SLIP (ii) PPP

2. a) Explain address resolution protocol in detail.

b) What are routing principles?

Or

a) Explain IP routing and dynamic routing.

b) Explain any one in detail. (i) OSPF (ii) BGP

3. a) Explain TCP services in detail.

b) What do you understand by IP fragmentation?