

Code No: C8207, C7808

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

M.Tech I Semester Examinations, April 2011

TCP/IP PROTOCOL SUITE

**(COMMON TO COMPUTER NETWORKS, COMPUTER NETWORKS &
INFORMATION SECURITY)**

Time: 3hours

Max. Marks: 60

**Answer any five questions
All questions carry equal marks**

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1. (a) Discuss about IP addressiong, Subnetting and Super netting.
(b) Discuss about the Delivery and Routing of IP Packets. [12]
2. (a) Explain briefly the design of ARP.
(b) Write about different types of Messages & General message formats of ICMP. [12]
3. (a) Explain the concept of Routing protocols.
(b) Explain briefly TCP design. [12]
4. (a) Explain briefly BOOTP.
(b) Explain IGMP operation is single Network. [12]
5. (a) Write about Communication in FTP.
(b) Explain about HTTP. [12]
6. (a) Write about DNS in the Internet.
(b) Explain about RLOGIN and TELNET. [12]
7. (a) Explain SNMP.
(b) Explain Client-Server Model. [12]
8. (a) Explain about the OSI Model.
(b) What are the applications of IGMP? [12]
