Code No: **D8204** **R09**

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
M.Tech II - Semester Examinations, March/April 2011
INTERNET NETWORKING WITH TCP/IP
(COMPUTER NETWORKS)

Time: 3hours **Max. Marks: 60**

Answer any five questions
All questions carry equal marks
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1. a) What is datagram? Explain about the IP design and ARP?
   b) What is message format? Explain about the error reporting and checksum. [12]

2. a) Explain about the multicasting and IGMP design.
   b) What is exterior routings and explain about the OSPF? [12]

3. a) Explain about the DHCP packet format and its operation.
   b) Write about the command processing and file transfer on FTP. [12]

4. Explain about the security application SMTP. [12]

5.a) Explain about the simple network management protocol messages and give the example.
   b) Explain about the encoding method. [12]

6. Explain about the HTTP transaction, request messages and give the examples. [12]

7. a) Give the browser architecture and explain about the static documents.
   b) What is HTML and explain about the active documents? [12]

8. a) Explain bout the IPV6 packet format.
   b) Explain about the transition from IPV4 to IPV6. [12]

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