

**R09**

**Code No: D8204**

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

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