

**R09**

**Code No: D4012**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**M.Tech II - Semester Examinations, March/April 2011**

**INTERNET WORKING WITH TCP/IP**

**(INFORMATION TECHNOLOGY)**

**Time: 3hours**

**Max. Marks: 60**

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

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1. a) Explain IP datagram and its services.  
b) Write short notes on Checksum concept. [12]
2. Describe IP Package and its components with diagram. [12]
3. a) Explain Encapsulation of IGMP Packet.  
b) Write about OSPF Packet Header. [12]
4. a) How can you establish connections in FTP? Explain it.  
b) Explain RRQ (Read Request) and DATA format in message categories. [12]
5. a) Explain Multi Purpose Internet Mail Extension (MIME).  
b) Write short notes on HTTP Response message. [12]
6. a) Explain about Active Documents.  
b) Differentiate Hyper Text with Hypermedia. [12]
7. Describe Three Transition Strategies from IPv4 to IPv6. [12]
8. Define the following:  
a) BOOTP Packet Format.  
b) User Interface and anonymous FTP.  
c) Mail Transfer Agent (MTA). [12]

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