Code No: D4012

R09

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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