

## Module-5 Application Layer Q.B.

1. Explain following Paradigms with a neat diagram
  - i> Client-Server Paradigm.
  - ii> Peer-to-Peer Paradigm.
2. Discuss with a neat diagram,
  - i> Iterative Communication using UDP
  - ii> Iterative Communication using TCP
3. Explain www with a neat diagrams.
4. Explain following connection in HTTP
  - i> Persistent Connection.
  - ii> Non-Persistent Connection
5. With an Example explain HTTP-Request & HTTP-Response message.
6. Discuss Two-Connection Techniques in FTP
7. Explain E-mail architecture with a neat diagram
8. Explain format of an Email.
9. With a neat diagram, explain how SMTP can be used for transmitting mails from sender to receiver.

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10. Explain the following with proper diagrams.
    - i) POP
    - ii) IMAP
    - iii) MIME
    - iv) web based mail. v) SSH.
  11. Explain local and remote logging in TELNET
  12. Explain the purpose of DNS.
  13. Explain Recursive & Iterative Resolution in DNS
  14. Explain DNS Resource Records