Code: 9E05403d

MBA IV Semester Regular & Supplementary Examinations, July 2013
DATA COMMUNICATION AND NETWORK ANALYSIS

Time: 3 hours   Max Marks: 60

Answer any FIVE questions
All questions carry equal marks

*****

1   (a)   Discuss in detail about the hierarchical networks.
    (b)   Explain the importance of networks in computer networking.

2   (a)   Discuss in detail about the circuit switching.
    (b)   Explain the CRC mechanism with a suitable example.

3   (a)   Explain the simple stop-n-wait protocol.
    (b)   Explain the simplex protocol for a noisy channel.

4   (a)   Distinguish between connection oriented and connection less services.
    (b)   What is packet forwarding? Explain it in detail.

5   (a)   Explain, how to establish the connection between sender and receiver.
    (b)   Discuss in detail about the crash recovery.

6   Write short notes on the following:
    (a)   Key distribution center.
    (b)   File transport protocol.

7   (a)   Give brief description about DNS messages.
    (b)   Describe in brief about the dynamic domain name systems.

8   (a)   Draw and explain the header format of a TCP.
    (b)   Write short notes on networking devices.

*****