| MCRI-004 |

MASTER OF BUSINESS ADMINISTRATION (NETWORK INFRASTRUCTURE MANAGEMENT) (MBANIM)

00013

Term-End Examination

June, 2011

MCRI-004 : INTRODUCTION TO NETWORKING

Time : 3 hours   *Maximum Marks : 100*

Note : *Answer **any five** questions. All questions carry **equal** marks.*

1. Write at least four differences between TCP/IP   **20**
    model and OSI model. Also, list and explain any
    two function of OSI layers.

2. (a) Explain the working of MAN. Also,   **10**
         compare and write two differences between
         LAN, MAN and WAN.

    (b) What are the various wireless   **10**
         communication mediums ? Briefly explain
         the process of communication through each
         medium.

3. (a) What are the different types of IP address   **10**
         components ? Also, explain the different
         IP (version 4) address classes and their
         format.

    (b) Explain Distance Vector Routing with the   **10**
         help of an example.

4. (a) What is the minimum number of disk **10** partitions are required to install Linux Operating System ? Also, give the minimum hardware requirement you installing Linux Operating System.

(b) What are the contents of password files in **10** Linux and where are they located ? Also, explain the importance of shadow password.

5. (a) What is DNS ? Explain, how DNS and **10** Zones can be configured in Linux server.

(b) What is the importance of Backup ? Explain **10** different types of backups in the Window 2003 server.

6. What is meant by forest in windows 2003 **20** server ? What is a need of creating forests ? Explain the types of authentication that can be used across forests.

7. What are the different security threats on a **20** network ? Explain the security solution/ mechanism to protect the network against these threats.

8. Describe the following with illustrative examples or diagrams as needed. **4x5=20**

(a) RAID

(b) Vitualization

(c) Transaction Server

(d) Firewall