

00303

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

Term-End Examination

December, 2012

**MCRI-016 : DESIGN OF IT INFRASTRUCTURE
FOR LINUX SERVICES**

Time : 3 hours

Maximum Marks : 100

Note : Answer any five of the following. Each questions carries equal marks.

1. (a) Define an operating system. Explain significant merits of LINUX operating system over any other operating system. 10
- (b) Explain in detail about File system of LINUX. 10
2. (a) Write and explain the format of password file of LINUX operating system with an example. 10
- (b) What are various FILE PERMISSIONS. Explain with relevant commands of LINUX with one example each to set file permission. 10
3. What is VI Editor ? Explain in detail about VI Editor with various commands/operations being used. 20

4. Write and explain atleast 10 critical administrative commands of LINUX with one example each. 20
 5. What is a threat level system call ? Write and explain any FIVE threat level system calls in LINUX. 20
 6. (a) What is a SQUID server and why is it required ? 5
(b) Explain the procedure on configuring a SQUID server for an enterprise network. 15
 7. (a) What is a FIREWALL and how is it different from an Intrusion Detection system ? 5
(b) What are IP chains and IP tables ? How they are used in LINUX ? 15
 8. (a) What is APACHE server ? Why is it required ? 5
(b) Write and explain the configuration procedure of APACHE server with an example. 15
-