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

Term-End Examination

June, 2013

**MCRI-015 : DESIGN OF IT INFRASTRUCTURE
FOR WINDOWS SERVER**

Time : 3 Hours

Maximum Marks : 100

Note : Answer any five questions. Each question carries equal marks.

1. (a) What is an Active Directory of a Windows server? Write role of active directory server with the help of an example. **10**
- (b) Write step wise procedure to configure an Active Directory server in a standard server of Windows server. Explain each step with an example. **10**
2. (a) What is IP addressing? Differentiate IPV4 and IPV6 with the help of an example. **10**
- (b) Write IPV6 packet format. Explain each component of it with an example. **10**

3. (a) What is DHCP ? Why is it required ? 10
Explain the role of DHCP in Networking ?
- (b) Write the procedure to setup a DHCP server 10
in Windows. Explain each step with
example.
4. (a) What is Network topology ? Write and 10
explain various network topologies with one
example each.
- (b) Explain in detail 'STAR topology' in a 10
network. Write various network
components used in building of 'STAR
topology'.
5. (a) Write and explain the role of DNS in 10
Internet.
- (b) Explain the process of developing a DNS 10
name resolution strategy for an Ideal
Network.
6. (a) What is a Domain Controller in a Windows 10
server system ? Explain.
- (b) Explain Access Control lists (ACLs) for a 10
Firewall.

7. Write short notes on :

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- (a) Remote Access Infrastructure
 - (b) Perimeter Network
 - (c) Site topology
 - (d) Network Address Translation (NAT)
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