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

**Term-End Examination  
December, 2012**

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

*Time : 3 Hours*

*Maximum Marks : 100*

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

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1. (a) What is TCP/IP protocol model ? 10  
Differentiate TCP/IP model with OSI Reference Model.
- (b) Write and explain atleast two protocols 10  
being used at each layer of TCP/IP protocol model.
2. (a) What is Network topology ? Write and 10  
explain various network topologies with one example diagram each.
- (b) Write merits and limitation of each network 10  
topology with the help of suitable examples.

3. (a) What is an Active Directory of a windows server ? Why is it required ? 5
- (b) Write and explain in detail on Active directory logical model of windows server with an example. 10
- (c) Write the benefits of a well - designed Active Directory logical structure. 5
4. (a) What is a Domain Name System (DNS) ? Why is it required ? Explain the role of DNS. 10
- (b) Write implementation procedure for a standard version of windows server DNS. 10
5. (a) What is an IP address ? Why is it required ? Write and explain various IP address classes of IPV4. 10
- (b) Write IPV4 packet format and explain each component of it with an example. 10
6. (a) What is WINS ? Write and explain the role of WINS in the network. 10
- (b) Write procedure for designing your WINS replication strategy. Explain with an example. 10
7. Write short notes on : 20
- (a) Perimeter Network
- (b) Migration path
- (c) Net BIOS
- (d) Domain controller
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