

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

Term-End Examination

June, 2012

**MCR-022 : INTRODUCTION TO
VIRTUALISATION AND CLOUD COMPUTING**

Time : 3 hours

Maximum Marks : 100

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

1. (a) Discuss cloud computing. Write and explain various cloud service models. 10
(b) Explain in brief on various cloud deployment models. 10
2. (a) Write and explain in brief on various characteristics of cloud computing. 10
(b) Explain various issues w.r.t. cloud computing. Cite example in support of your answer. 10
3. What is cloud computing security ? Explain in detail various security issues associated with cloud computing. 20

4. What is virtualization ? Write and explain in brief on : 20
- (a) Hardware
 - (b) Storage
 - (c) Network
 - (d) Memory
5. What is Service Orient Architecture (SOA) ? Write and explain various principles of SOA. 20
6. (a) What is Virtual Machine ? Write various tools available to create a Virtual Machine. 10
- (b) Write the procedure/commands to create a Virtual Machine using any Virtual Machine creation tool. Take assumptions for a Virtual Machine. 10
7. Write short notes on : 20
- (a) OS Virtualization
 - (b) Hyper-V Manager
 - (c) Cloud Governance
 - (d) Cloud Analytics.
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