

00480

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

Term-End Examination
June, 2013

MCRI-022 : INTRODUCTION TO
VIRTUALISATION AND CLOUD COMPUTING

Time : 3 hours

Maximum Marks : 100

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

1. (a) What is cloud computing ? Write and explain various cloud service models. 10
- (b) Write and explain various cloud deployment models. Compare merits and limitations of each deployment model with other models. 10
2. (a) Write and explain various issues and challenges in adoption of 'software as a service' model by organizations. 10
- (b) Explain on implementation of Service Oriented Architecture (SOA) using SOAP Technology. 10

3. (a) What is virtualization ? Explain, how the concept of virtualization applied at various cloud service models ? 10
- (b) Write merits and limitations of virtualization in security point of view. 10
4. (a) Draw and explain. Hyper-V Architecture. 10
- (b) What is a virtual Machine ? Write and explain various components of a virtual machine. 10
5. (a) Write a step-wise procedure to create a virtual machine using virtual machine manager-2008. Take necessary assumptions which are required during the process of creation. 10
- (b) Compare Hyper-V with VMWARE w.r.t. Server Virtualization. 10
6. (a) What is Paravirtualization and Hardware-assisted virtualization ? Explain, How 'Xen' supports both types of virtualization ? 10
- (b) Explain in detail on Bridged Networking. 10
7. Write short notes on the following : 20
- (a) Cloud Analytics
- (b) How data privacy can be ensured in cloud computing model ?
- (c) Virtual Desk top
- (d) Net BSD
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