

Register No:.....

Name :.....

M.TECH. DEGREE EXAMINATION

Branch: Information Technology

Specialization: Network Engineering

Model Question Paper - II

First Semester

MITNE 105-2 VIRTUALIZATION TECHNIQUES

(Regular – 2013 Admissions)

Time : Three Hours

Maximum : 100 marks

(Answer All Questions)

1. Describe network virtualization. Also explain server and machine virtualization. (25 marks)
or
2. a) Give the taxonomy of virtual machines. (15 marks)
b) Explain the role of Hypervisor. (10 marks)
3. Give a brief overview of Hardware Virtualization. (25 marks)
or
4. a) Explain the types of server virtualization. (15 marks)
b) Discuss the uses of Virtual server consolidation. (10 marks)
5. Describe virtual enterprise transport virtualization. (25 marks)
or
6. a) Explain plane virtualization in detail. (10 marks)
b) Explain VRF in detail. (15 marks)
7. With necessary diagrams explain the iSCSI architecture and explain how we can provide security in iSCSI channel. (25 marks)
or
8. a) Explain the importance of Virtual tape libraries. (12.5 marks)
b) Discuss the main features of Microsoft Virtual server. (12.5 marks)