

Register No:.....

Name :.....

M.TECH. DEGREE EXAMINATION

Branch: Information Technology

Specialization: Network Engineering

Model Question Paper - I

First Semester

MITNE 105-2 VIRTUALIZATION TECHNIQUES

(Regular – 2013 Admissions)

Time : Three Hours

Maximum : 100 marks

(All questions carry 25 marks each)

1. Discuss the necessity of virtualization and describe system level virtualization in detail.
OR
2. Give a brief overview of virtual machine concepts.
3. Describe physical and logical partitioning in server virtualization.
OR
4. Narrate the steps that are to be taken for the development of virtual server and for the selection of virtualization platform.
5. Give the layout of WAN architecture. Also explain how we can implement virtualization in campus WAN design.
OR
6. Discuss in detail the path virtualization layer 2: 802.1q.
7. Describe the SNIA shared storage model.
OR
8. Discuss the significance of Hypervisors in detail.