

**MASTER OF SCIENCE (INFORMATION
SECURITY) (MSCIS)**

Term-End Examination

December, 2022

**MSE-030 : CLOUD AND INFRASTRUCTURE
SECURITY**

Time : 2 hours

Maximum Marks : 50

Note : *Question no. 1 is compulsory. Attempt any
three questions from the rest.*

1. Explain the following in brief : 4×5=20
 - (a) Characteristics and Benefits of Cloud Computing
 - (b) PaaS : Virtualized development environment
 - (c) Advantages of Virtualization
 - (d) Types of Tenancy

2. Discuss the difference between hypervisors Citrix XenServer and VMware. 10

3. What do you mean by Scaling ? Describe types of Scaling. 10

4. Explain pros and cons of SaaS cloud-based application. *10*

 5. Describe Resource Sharing with proper management strategies. *10*
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