MASTER OF SCIENCE
(INFORMATION SECURITY)
(MSCIS)
Term-End Examination
June, 2024

MSE–030 : CLOUD AD INFRASTRUCTURE SECURITY

Time : 2 Hours   *Maximum Marks : 50*

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

1. Answer the following in brief :   4×5=20

    (a) Explain deployment models of cloud. Provide examples of each of its four types of access.

    (b) Write down the difference between Virtualization and Grid-computing in Cloud Infrastructure.

    (c) Explain the Hypervisor in cloud infrastructure.

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(d) Explain Infrastructure security at the Network level in cloud scenario.

2. What are the service model on which cloud computing is based ? Explain these model, with the help of suitable diagrams.   10

3. Explain cloud architecture in detail.   10

4. What are the fundamental constraints that cloud infrastructure should implement ? Explain all *four* in detail.   10

5. Explain the security issues in cloud computing.   10