

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

**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. Answer the following in brief : 4×5=20
- (a) What are the types of deployment model of cloud ? Explain each of them.
 - (b) What are the key privacy concerns in the cloud ?
 - (c) Describe virtualization and grid-computing in cloud infrastructure.
 - (d) Explain utility computing.
2. Explain front-end and back-end of the cloud infrastructure in detail with suitable diagrams.

3. Explain private cloud model and public cloud model in detail. 10
4. What are the security issues in PaaS service model ? 10
5. Illustrate Business Applications, Management Applications, Social Application and Entertainment Applications of cloud infrastructure. 10

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