

[Apr-24]

GITAM (Deemed to be University)
[CSEN2121]
GST/GSS/GSB/GSHS. Degree Examination

IV Semester

CLOUD COMPUTING

(Effective from the admitted batch 2021-22)

Time: 2 Hours

Max. Marks: 30

Instructions: All parts of the unit must be answered in one place only.

Section-A

1. **Answer all Questions:** **(5×1=5)**

- a) List the Roles of Cloud Provider.
- b) Define UDDI.
- c) Describe about Virtual Network in a logical network perimeter.
- d) Why SLA Monitors are used in Cloud Computing?
- e) How can single sign-on be implemented in an application?

Section-B

Answer the following: **(5×5=25)**

UNIT-I

2. Describe the risks and challenges of cloud computing.

OR

3. Explain Public Cloud & Private Cloud.

UNIT-II

4. Explore the 5 Storage systems technologies.

OR

5. Discuss the Virtualization Technology.

UNIT-III

6. Explain the establishment of a virtual network boundary with a diagram.

OR

7. Illustrate the creation and management of the virtual server process.

UNIT-IV

8. Explain the concept of resource pooling in detail.

OR

9. List and explain any five mechanisms that can be used in cloud architecture.

UNIT-V

10. Compare and contrast Denial of Service attacks with Distributed Denial of Service attacks.

OR

11. What is a Digital signature? Explain its role in security with an example.