

GITAM (Deemed to be University)
GST/GSS/GSB/GSHSS Degree Examination
IV Semester
CSEN2121 : CLOUD COMPUTING

Time: 2 Hours**Max. Marks: 30****Instruction:** All parts of the unit must be answered in one place only.**Section - A**

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|---|-----------------|
| 1. Answer all questions | (5x1=05) |
| a. What is virtualization? | |
| b. How can resource availability be enhanced in cloud data center? | |
| c. Write the full form of SCSI. | |
| d. What is the purpose of using a hypervisor in virtualization? | |
| e. What is the objective of Denial of Service attack in cloud security? | |

Section - B**Answer the following** **(5x5=25)****UNIT - I**

2. Explain cloud characteristics.

OR

3. Critically evaluate the four primary cloud deployment models (Public, Private, Hybrid, and Community Cloud). What are the key drivers for choosing one over the others in enterprise environments?

UNIT - II

4. Describe 3-Tier architecture of web applications.

OR

5. Write a brief note on Hypervisor? What are benefits of virtualization?

UNIT - III

6. Explain how Logical network perimeter work?

OR

7. How cloud storage devices are used in resource replication?

UNIT - IV

8. Explain the function of work load balancer.

OR

9. What role does Role Player Profile UI play in Audit Monitor?

UNIT - V

10. What is encryption? How can it be performed?

OR

11. Differentiate between public key and private key.