

GITAM (Deemed to be University)
GST/GSS/GSB/GSHSS Degree Examination
VI/ VIII 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 SaaS? | |
| b. Mention names of any 2 hypervisors used for hardware virtualization. | |
| c. Write the significance of resource replication. | |
| d. What is the primary function of a Pay-Per-Use Monitor in cloud services | |
| e. List out the main components in IAM mechanisms. | |

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

2. Discuss about scaling and different types of scaling.

OR

3. Compare and contrast public, private, and hybrid cloud delivery models in terms of control, scalability, and cost.
Which use cases are best suited for each?

UNIT - II

4. Define multi-tenant technology and discuss its advantages for cloud-based services.

OR

5. What are the potential performance drawbacks associated with virtualization, and how might they impact critical applications and workloads?

UNIT - III

6. Explain in detail about Cloud Storage levels.

OR

7. Differentiate monitoring and resource agents.

UNIT - IV

8. How will the failover be handled in Cloud? Explain.

OR

9. How does the pay per use monitor function?

UNIT - V

10. Write about secret key cryptography.

OR

11. How is Traffic Eavesdropping an attack?