

**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**

- 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?