

GITAM (Deemed to be University)
GST/GSS/GSB/GSHSS Degree Examination
VI 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. Mention one risk associated with cloud computing.
 - b. Why is security important in multitenant systems?
 - c. How can cloud usage monitoring aid in cost optimization?
 - d. What is the role of Service Load Balancing in improving system performance?
 - e. List out the main components in IAM mechanisms.

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

2. How do deployment models affect performance, security, and cost in cloud solutions?

OR

3. How do roles and boundaries influence risk management in cloud computing?

UNIT - II

4. Differentiate between customer responsibilities in IaaS vs SaaS.

OR

5. How does cloud architecture enable service scalability and reliability?

UNIT - III

6. How does resource provisioning affect service availability in the cloud?

OR

7. Differentiate between physical and virtual infrastructure in the cloud.

UNIT - IV

8. Discuss version control and code management in cloud apps.

OR

9. Differentiate between functional and performance testing in cloud apps.

UNIT - V

10. Evaluate the use of Hardened Virtual Server Images in reducing vulnerabilities.

OR

11. Differentiate between access control models in cloud systems.