

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

Time: 2 Hours

Max. Marks: 30

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