

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. Describe one challenge faced in cloud adoption.
 - b. What is the function of a load balancer in web technology?
 - c. Differentiate between physical and logical network perimeters.
 - d. What is the role of Audit Monitor in cloud computing?
 - e. Which kind of threats can be countered by Identity and Access Management in cloud security?

Section - B

Answer the following **(5x5=25)**

UNIT - I

2. How do cloud characteristics enhance the delivery models in cloud computing?

OR

3. List and explain the features of cloud origins and influences, basic concepts and terminology, goals and benefits.

UNIT - II

4. Evaluate the pros and cons of IaaS, PaaS, and SaaS with examples.

OR

5. How does virtualization improve resource utilization in the cloud?

UNIT - III

6. Provide examples of real-world cloud security breaches.

OR

7. Provide real-time scenarios of cloud resource mismanagement.

UNIT - IV

8. How does agile development enhance cloud application deployment?

OR

9. Explain the significance of microservices architecture in cloud development.

UNIT - V

10. What is Single Sign-On (SSO) and how is it used in cloud environments?

OR

11. List and explain techniques to prevent Malicious Intermediary attacks.