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 boundary consideration in cloud computing.

b.   Name one web technology protocol.

c.   Write the drawback of using resource replication in cloud environment?

d.   What is the role of elastic disk provisioning architecture in cloud computing?

e.   Explain how virtualization vulnerabilities are exploited.

Section - B

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

UNIT - I

2.   Discuss the benefits and trade-offs of using a hybrid cloud model.

OR

3.   What are the major risks and challenges associated with cloud computing?

UNIT - II

4.   Explain the layered architecture of cloud computing.

OR

5.   Provide real-time examples of virtualization in cloud services.

UNIT - III

6.   Evaluate the role of data centers in cloud infrastructure.

OR

7.   Provide a case study of disaster recovery using a cloud platform.

UNIT - IV

8.   Evaluate how cloud design principles influence scalability.

OR

9.   Provide an example project plan for a cloud app lifecycle.

UNIT - V

10.   Discuss the risk management process for threats in cloud platforms.

OR

11.   Provide case studies where poor authorization led to security breaches.