GITAM (Deemed to be University)
[CSEN2121]
GST/GSS/GSB/GSHS. Degree Examination

IV Semester

CLOUD COMPUTING
(Effective from the admitted batch 2021-22)

Time: 2 Hours   **Max. Marks: 30**

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

Section-A

1. **Answer all Questions:**   (5×1=5)

   a) Define Capacity planning.

   b) Describe Network-Attached Storage.

   c) Differentiate resource agents and monitoring agents.

   d) Explain the audit monitor in detail.

   e) How to implement access control in an application?

Section-B

Answer the following: (5×5=25)

UNIT-I

2. Explain Software as a Service.

OR

3. Explain Hybrid Cloud & Community Cloud.

UNIT-II

4. Illustrate three basic architectural tiers of Web applications.

OR

5. Explain Common characteristics of multitenant applications.

UNIT-III

6. Describe in detail virtual server technology.

OR

7. Discuss the concept of Resource replication in the view of cloud storage devices.

UNIT-IV

8. Explain the architecture of elastic resource capacity.

OR

9. Illustrate Cloud bursting architecture in detail.

UNIT-V

10. Explain in detail about hashing procedure along with its applications.

OR

11. With a neat diagram explain the concept of PKI and its role in security.