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 XML Schema.
   c) How does Virtual Firewall relate to logical network perimeter?
   d) Write a note on the hypervisor.
   e) List out the top 5 security threats in cloud computing

Section-B

Answer the following: **(5×5=25)**

UNIT-I

2. Explain Scaling and its types and list the comparisons between Horizontal and vertical Scaling.

OR

3. Write about the role of cloud resource administrator.

UNIT-II

4. Explain Hardware-Based Virtualization.

OR

5. Illustrate with a neat diagram and explain the concept of data center technology.

UNIT-III

6. Discuss the concept of logical network perimeter with a neat diagram.

OR

7. What are the different cloud storage interfaces? Explain in detail.

UNIT-IV

8. Explain workload distribution architecture with a neat diagram.

OR

9. Illustrate the process of dynamic horizontal scaling.

UNIT-V

10. Explain the cause and effects of overlapping trust boundaries.

OR

11. Enumerate the steps in hardening virtual server images.