

GITAM (Deemed to be University)
GST/GSS/GSB/GSHSS Degree Examination
III 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. What is cloud computing?
 - b. What is Virtual Machine Monitor?
 - c. What is block storage level?
 - d. What is the primary feature of Dynamic Scalability Architecture?
 - e. Define the mechanism used in asymmetric encryption.

Section - B

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

UNIT - I

2. Enumerate the strategies of capacity planning.

OR

3. Define cloud computing and apply its fundamental characteristics to real-world scenarios.

UNIT - II

4. What is service-oriented architecture (SOA), and how does it facilitate service integration in an enterprise environment?

OR

5. How does server consolidation contribute to cost savings and improved resource utilization?

UNIT - III

6. How virtual server image is important in resource replication?

OR

7. Write down the different advantages of server virtualization.

UNIT - IV

8. What is the necessity of pooling the resources? In what way is it advantageous in Cloud?

OR

9. What is the function of audit monitor?

UNIT - V

10. Differentiate between threat and risk.

OR

11. What is IAM? Explain in detail.