

GITAM (Deemed to be University)
GST/GSS/GSB/GSHSS Degree Examination
V 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**

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|---|-----------------|
| 1. Answer all questions | (5x1=05) |
| a. What is cloud computing? | |
| b. Give examples of any 2 storage devices of cloud data center. | |
| c. Draw the diagram for polling agent mechanism. | |
| d. Define Hypervisor and its application. | |
| e. What is the main purpose of Public Key Infrastructure in cloud security? | |

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 virtualization technology, and how does it benefit organizations?

OR

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

UNIT - III

6. Write down the different advantages of server virtualization.

OR

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

UNIT - IV

8. What is the function of audit monitor?

OR

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

UNIT - V

10. What is hash key? Explain.

OR

11. With the help of an example, explain about symmetric encryption.