

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