

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

- |   |                 |
|---|-----------------|
| <b>1. Answer all questions</b>                                      | <b>(5x1=05)</b> |
| 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.