

S. B. Roll. No.....

**CLOUD COMPUTING**  
**6<sup>th</sup> Exam/CSE/IT/4595/Nov'24**  
**(For 2018 Batch Onwards)**

**Duration: 3Hrs.**

**M.Marks:75**

**SECTION A**

**Q1. Give answer in one line.**

**15x1=15**

- a. What is the evolution of Cloud Computing?
- b. Explain the characteristics of Cloud Computing.
- c. Define Infrastructure as a Service (IaaS).
- d. What is the significance of Platform as a Service (PaaS)?
- e. What are the major benefits of Cloud Computing?
- f. Discuss the challenges associated with Cloud Computing.
- g. When did Cloud Computing make its first appearance?
- h. Define Service Level Agreement (SLA).
- i. What is the purpose of SLA Management?
- j. Explain the concept of Virtualization.
- k. What are the different types of Cloud Deployment Models?
- l. Name some major Cloud Service Providers.
- m. What are the key components of Cloud Security?
- n. Define Storage as a Service (STaaS).
- o. What is the role of Scheduling in Cloud Computing?

**SECTION-B**

**Q2. Attempt any six questions.**

**6x5=30**

- i. Discuss the benefits of Virtualization in Cloud Computing.
- ii. Explain the differences between Public, Private, and Hybrid Cloud Deployment Models.
- iii. What are the types of Virtualization? Explain any three.
- iv. Describe the service models offered by Cloud Computing providers.
- v. Discuss the challenges related to data security and privacy in Cloud Computing.
- vi. Explain the SLA Life Cycle and its importance in Cloud Computing.
- vii. Describe the concept of Infrastructure as a Service (IaaS) with examples.

**SECTION-C**

**Q3. Attempt any three questions.**

**3x10=30**

- a. Explain the service models of Cloud Computing with suitable examples.
- b. Discuss the significance of Virtualization in Cloud Computing. How does it contribute to resource optimization?
- c. Describe the process of SLA Management in Cloud Computing. What are the key stages involved?
- d. Discuss the various types of scheduling in Cloud Computing. How does scheduling differ for independent and dependent tasks?
- e. What are the challenges associated with Cloud Storage? How can they be addressed?