

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Tech. (Computer Science & Engineering/AI & ML/ECE) (Sem.-6)

CLOUD COMPUTING

Subject Code : BTCS612-18

M.Code : 79254

Date of Examination : 20-05-2025

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.**
3. **SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.**

SECTION - A

- 1. Write briefly :**
- a) Challenges of Cloud Computing.
 - b) Resources of Cloud Computing.
 - c) Cloud Migration
 - d) Hypervisor
 - e) Hybrid Cloud
 - f) Grid Computing
 - g) SaaS
 - h) Vision of Cloud Computing.
 - i) IT as a Service
 - j) Data security

SECTION - B

2. Explain the importance of Elasticity and Scalability in cloud computing.
3. Explain in detail about the various types of Hypervisors.
4. Define the role played by IaaS. Explain by taking suitable example.
5. What do you understand by user account and service Hijacking?
6. Compare existing available cloud platforms.

SECTION - C

7. Explain in detail the historical development and challenges of cloud computing in detail.
8. Illustrate Selection criteria for cloud deployment in detail.
9. List various measures to reduce cloud security breaches.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.