

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Tech. (Computer Science & Engg.) (Sem.–6)

CLOUD COMPUTING

Subject Code : BTCS612/18

M.Code : 79254

Date of Examination : 20-05-2024

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) Need for Cloud Computing
- b) Utility Computing
- c) Big data
- d) Resources Scalability
- e) Pay per-use Model
- f) Elasticity
- g) Authentication and Authorization
- h) SaaS
- i) Azure
- j) IT as a service.

SECTION-B

2. Explain in detail the Types of Hypervisors and multitenancy available in cloud computing.
3. Write a note on the Driving factors and Challenges of Cloud Computing.
4. Compare available various Cloud service delivery models
5. Explain in detail the criteria used for cloud deployment.
6. What are the principal security dangers of Cloud Computing? Explain in detail.

SECTION-C

7. Explain the migration path used for the cloud by taking a suitable example.
8. Write a note on Internal security breaches and service hijacking and their countermeasures.
9. Compare existing Cloud Platforms and Web services by taking a case study.

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