

Roll No.

Total No. of Pages : 02

Total No. of Questions : 18

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

CLOUD COMPUTING

Subject Code : BTCS-612-18

M.Code : 79254

Date of Examination : 14-12-22

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

Answer Briefly :

1. Virtualization
2. PaaS
3. Authorization
4. Azure
5. Resource Management
6. Hybrid Cloud
7. Service Hijacking
8. Elasticity
9. Data Leak
10. Data Security.

SECTION-B

11. Differentiate between grid, utility and cloud computing.
12. Explain the role of hypervisors and API in cloud computing.
13. Compare existing cloud deployment models.
14. How migration to cloud happens? Explain its steps.
15. What do you understand by internal security breach? Explain measures involved in reducing it.

SECTION-C

16. Explain in detail driving factors for migrating to a cloud.
17. Write a note on security dangers associated with cloud computing.
18. Explain in detail various cloud service models available, along with their examples.

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.