

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

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

CLOUD COMPUTING

Subject Code : BTCS-612-18

M.Code : 79254

Date of Examination : 03-07-22

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

I. Write short notes on :

- a) Hypervisor
- b) Scalability
- c) API
- d) IaaS
- e) Private Cloud
- f) Cloud Migration
- g) Access Control
- h) Security Breach
- i) AWS
- j) Multitenancy

SECTION-B

2. Explain in detail the characteristics, vision and applications of cloud computing.
3. Write a note on virtualization techniques.
4. Explain in detail the various cloud service models and their examples.
5. What do you understand by Platform as a service? Explain its purpose.
6. Explain in detail various web services provided by AWS cloud provider.

SECTION-C

7. Explain in detail the various steps involved in cloud migration.
8. Write a note on security risks and the measures involved in cloud computing.
9. Explain different types of Hypervisors, their limitations available in cloud computing.

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.