

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**

1. 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.**