

Roll No.

Total No. of Pages : 02

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**B.Tech. (IT) (Sem.-6)**  
**CLOUD COMPUTING**  
Subject Code : BTIT-613-18  
M.Code : 79632  
Date of Examination : 14-07-22

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 briefly :**

- a) What is utility computing?
- b) What is IT as service?
- c) What is Virtualization its types?
- d) What is the difference between elasticity and scalability?
- e) Explain Infrastructure as service.
- f) What is service hijacking?
- g) What is the role of API in cloud computing?
- h) What are the internal security breaches in cloud computing?
- i) What are Multitenancy and its advantages?
- j) What is the difference between cloud services and web services?

## SECTION-B

2. What are the main driving factors of cloud computing?
3. What are hypervisor and its types in cloud computing?
4. Compare the different cloud service models.
5. What is migration in cloud computing?
6. What are the security risks to the cloud computing?

## SECTION-C

7. Define Cloud. What are characteristics cloud computing and its application? Explain.
8. What are cloud service models? Explain software as service (SaaS) with example.
9. What are different cloud deployment models? Explain Hybrid deployment model.

**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.**