

Roll No.

Total No. of Pages : 02

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B.Tech. (IT) (Sem.-6)

CLOUD COMPUTING

Subject Code : BTIT613-18

M.Code : 79632

Date of Examination : 03-06-23

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) Characteristics of Cloud
 - b) IT as a Service
 - c) Virtualization
 - d) Utility Computing
 - e) Cloud Service Models
 - f) Hypervisor and its types
 - g) Vertical Scalability
 - h) Private Cloud
 - i) Account and Service hijacking
 - j) Multitenancy.

SECTION-B

2. Define Cloud Computing and what is the vision of cloud computing? Explain
3. Differentiate between :
 - a) Grid computing and Utility computing
 - b) Elasticity and Scalability.
4. What are pros and cons of Virtualization?
5. Compare the following :
 - a) SaaS model and PaaS model
 - b) Public Cloud and Private Cloud.
6. Discuss the different methods to reduce cloud security breaches.

SECTION-C

7. What are the different driving factors towards cloud? What are the applications of Cloud Computing?
8. What are the different types of cloud migration strategies? Discuss in details.
9. What are the main differences between Cloud Platforms and Web Services? Explain.

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.