

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 07

BCA (Sem.-5)
CLOUD COMPUTING
Subject Code : UGCA-1936
M.Code : 90319
Date of Examination : 16-12-2022

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 SIX questions carrying TEN marks each and students have to attempt any FOUR questions.**

SECTION-A

1. Write briefly :

- a) Differentiate between cloud computing and internet.
- b) What is the role of network manager in IaaS service layer?
- c) Give example of PaaS and IaaS model.
- d) What is SLA?
- e) What is Windows Azure cloud platform?
- f) Define Encryption.
- g) Define Grid computing
- h) What is capacity planning in cloud computing?
- i) What are the benefits of cloud computing?
- j) Why auditing and compliance is required?

SECTION-B

2. a) What is cloud computing? What are the components of cloud computing?
b) Explain benefits of SaaS in detail.
3. a) What is Hypervisor? Write a short on Xen Architecture.
b) Differentiate between Elasticity vs Scalability.
4. What is Service-Level Agreement (SLA)? Explain about the security controls classified in cloud computing.
5. Suggest 5 steps to reduce security breaches in cloud computing. Also discuss how cloud security is different from other IT infrastructure hosted within an organization?
6. **Write a note on:**
 - a) Google Cloud platform.
 - b) Amazon Web Service.
7. What different techniques are used for data encryption in cloud computing? Explain in detail.

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.