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.