Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐☐   **Total No. of Pages : 02**

Total No. of Questions : 07

BCA (Sem.–5)
CLOUD COMPUTING
Subject Code : UGCA1936
M.Code : 90319
Date of Examination : 16-12-2024

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) Discuss the cloud computing reference model.

   (b) Describe the vision introduced by cloud computing.

   (c) What is Cluster Computing?

   (d) Describe the basic component of an IaaS-based solution for cloud computing.

   (e) What is Encryption?

   (f) List some challenges in Cloud Computing.

   (g) Discuss the objective of cloud information security.

   (h) Give the names of some popular Software as a Service solution?

   (i) What is VMware?

   (j) Describe Amazon EC2 and its basic features.

2. (a) What are the most important advantages of cloud technologies for social networking application?

    (b) Describe some examples of CRM and ERP implementation based on cloud computing technologies.

3. How you can design the security architecture in Cloud? Explain.

4. Discuss the use of hypervisor in cloud computing. Discuss VMware and Microsoft Hyper-V.

5. What do you mean by Service Oriented Architecture (SOA)? Explain with example.

6. (a) Explain the disaster recovery planning of Cloud Computing.

    (b) What are the implementation issues on SAAS? Explain.

7. What are Virtualization techniques? Explain in detail the pros and cons of Virtualization.

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.