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

Total No. of Questions : 09

MCA (Sem.–4)
CLOUD COMPUTING
Subject Code : PGCA-1937
M.Code : 91859
Date of Examination : 11-07-22

Time : 3 Hrs.   Max. Marks : 70

INSTRUCTIONS TO CANDIDATES :
1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION - B & C have FOUR questions each.**
3. **Attempt any FIVE questions from SECTION B & C carrying TEN marks each.**
4. **Select atleast TWO questions from SECTION - B & C.**

SECTION-A

1. Write short notes on :

    a) Give the names of some popular software-as-a-service solutions.

    b) What are the innovative characteristics of cloud computing?

    c) Define cloud computing and identify its core features.

    d) What are the different types of SLA?

    e) What is OCCI?

    f) Why do we require SQL Azure?

    g) List the characteristics of the private cloud.

    h) What are the benefits and obstacles for Cloud Mashups?

    i) What is adulting and compliance in cloud services?

    j) Define the elasticity rule. Discuss the three types of elasticity rules.

SECTION-B

2. List some of the challenges in cloud computing.

3. Explain the concept of Map-reduce using an example.

4. Illustrate with a **case study** about the features of Infrastructure as a service providers.

5. Write short notes on :

    a) Cluster Job scheduling methods.

    b) Load sharing facility for cluster computing.

SECTION-C

6. Describe the architecture of Windows Azure.

7. What is AWS? Explain the best practices that help in building an application in the cloud.

8. Discuss data security risks in the cloud? Explain how digital identity can overcome these risks.

9. Distinguish Cloud Computing from Outsourcing and Provision of Application Services.

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.