

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

M.Sc.(IT) (Sem.-3)
CLOUD COMPUTING
Subject Code : PGCA-1937
M.Code : 93340
Date of Examination : 17-01-23

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) Define grid computing.
 - b) Differentiate cloud vs cluster computing.
 - c) Write any two challenges of cloud.
 - d) What is System Metrics?
 - e) Define scaling.
 - f) Discuss CDMI.
 - g) Write the use of mobile computing.
 - h) Discuss energy efficiency in cloud.
 - i) Define fog computing.
 - j) Give introduction of Microsoft Azure.

SECTION-B

2. Discuss the cloud reference model with its characteristics.
3. What is Virtualization? Discuss the benefits of Virtualization.
4. Give the introduction of seven step model of Migration into a Cloud.
5. Explain load testing in cloud computing. How it affects the performance?

SECTION-C

6. Explain the need of SLA management in cloud computing. Discuss its life cycle.
7. Explain the cloud security reference model. What are principle security threats to cloud computing?
8. Write in detail the relation of BigData analytic with cloud computing.
9. Discuss how Amazon Web Services cloud tools and services are providing support to the customers?

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.