

2111040101030002
EXAMINATION JANUARY 2025
MASTER OF COMPUTER APPLICATIONS(FIRST SEMESTER)
CLOUD COMPUTING (COURSE-103) - LEVEL 3

[Time: As Per Schedule]

[Max. Marks: 70]

Instructions:

1. Fill up strictly the following details on your answer book
 - a. Name of the Examination : **MASTER OF COMPUTER APPLICATIONS (FIRST SEMESTER)**
 - b. Name of the Subject : **CLOUD COMPUTING**
 - c. Subject Code No : **2111040101030002**
2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

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Student's Signature

- Q.1** A. List and discuss the pros and cons of Cloud computing over traditional computing. **14**
 B. Discuss Availability and Reliability in context of Cloud. How it is achieved?

OR

B. Briefly discuss about the evolution of Cloud Computing and its history.

- Q.2** A. Discuss about SaaS, its properties, advantages and limitations. **14**
 B. Explain Public cloud with its benefits and limitations.

- Q.3 Any Two:** **14**

- A. Explain virtualization.
- B. What is Hypervisor? Explain different types of hypervisors.
- C. Write short note on SOA's Find-Bind-Execute Paradigm

- Q.4 ANY TWO** **14**

- A. Discuss in detail about the security issues of a Cloud computing.
- B. Explain how identity and access management is handled in Cloud.
- C. Compare and contrast AWS and Microsoft Azure on the basis of their services, features, reliability and security.

Q.5 **A. Write Short note on Firebase.**
B. Explain SQL Azure.

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OR

B. List the steps to create a virtual machine using Amazon EC2.
