



Seat No. \_\_\_\_\_

MASTER OF SCIENCE (INFO TECH & COM APPS) Examination  
M.Sc. (IT & COM) SEMESTER-2 APRIL 2026 (Regular) APRIL - 2026  
CS-09 CLOUD COMPUTING WITH AWS  
Faculty Code : 11  
Subject Code : 24CS-MST-CO-02-01003

Time : 2:30 Hours

Total Marks : 70

Instructions: All questions are compulsory.

Q.1 (A) Answer the following:

- 1 The cloud is a distributed collection of servers. (TRUE or FALSE)
- 2 AWS stands for \_\_\_\_\_
- 3 RDS stands for \_\_\_\_\_
- 4 SaaS stands for \_\_\_\_\_

(B) Answer in brief (Any one out of two)

- 1 What is AWS? Explain its architecture.
- 2 Explain AWS dashboard and its types.

(C) Answer in detail (Any one out of two)

- 1 What is Cloud Computing? Give the advantages of Cloud Computing.
- 2 Explain PaaS and its advantages.

(D) Write a note on (Any one out of two)

- 1 Explain Virtual Machine.
- 2 Explain IaaS and its advantages.

Q.2 (A) Answer the following:

- 1 Give the full form of IAM.
- 2 EC2 stands for \_\_\_\_\_
- 3 EBS stands for \_\_\_\_\_
- 4 AMI stands for \_\_\_\_\_

(B) Answer in brief (Any one out of two)

- 1 Explain Auto Scaling.
- 2 Explain IAM features.

(C) Answer in detail (Any out of two)

- 1 Explain policies of IAM.
- 2 Explain public and private IP.

(D) Write a note on (Any one out of two)

- 1 Explain Amazon Machine Image.
- 2 Explain EC2 in details.

Q.3 (A) Answer the following:

- 1 VPC stands for \_\_\_\_\_
- 2 ACL stands for \_\_\_\_\_
- 3 S3 stands for \_\_\_\_\_
- 4 CIDR stands for \_\_\_\_\_

(B) Answer in brief (Any one out of two)

- 1 Explain Subnets and Routing.
- 2 Explain cross-region replication.

(C) Answer in detail (Any one out of two)

- 1 Explain Web hosting.
- 2 Explain Versioning and life cycle policy.

(D) Write a note on (Any one out of two)

- 1 Explain S3 in details.
- 2 Explain VPC in details.

Q.4 (A) Answer the following:

- 1 DNS stands for \_\_\_\_\_
- 2 RDS stands for \_\_\_\_\_
- 3 VPS stands for \_\_\_\_\_
- 4 Amazon DynamoDB is a fully managed NoSQL database service. (TRUE or FALSE)

(B) Answer in brief (Any one out of two)

- 1 Explain Amazon Route 53.
- 2 Explain DynamoDB.

(C) Answer in detail (Any one out of two)

- 1 Explain different types of Route 53 health check.
- 2 Explain different web hosting services.

(D) Write a note on (Any one out of two)

- 1 Explain DNS in details.
- 2 Explain RBMS different security parameters and Monitoring.

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- 1 Explain Alarm & notifications.
  - 2 Explain AWS monitoring.
- (C) Answer in detail (Any one out of two)
- 1 Explain CloudWatch logs.
  - 2 Explain CloudWatch dashboards.
- (D) Write a note on (Any one out of two)
- 1 What is ElasticFS.
  - 2 Explain Microsoft Azure.

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