



24CS-MSIT-CO-02-01003

Seat No. _____

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

Time : 2.30 Hours]

[Total Marks : 70

Instructions: All questions are compulsory.

- Q.1 (A) Answer the following: 4
- 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) 2
- 1 What is AWS? Explain its architecture.
 - 2 Explain AWS dashboard and its types.
- (C) Answer in detail (Any one out of two) 3
- 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) 5
- 1 Explain Virtual Machine.
 - 2 Explain IaaS and its advantages.
- Q.2 (A) Answer the following: 4
- 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) 2
- 1 Explain Auto Scaling.
 - 2 Explain IAM features.
- (C) Answer in detail (Any out of two) 3
- 1 Explain policies of IAM.
 - 2 Explain public and private IP.

	(D) Write a note on (Any one out of two)	5
	1 Explain Amazon Machine Image.	
	2 Explain EC2 in details.	
Q.3	(A) Answer the following:	4
	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)	2
	1 Explain Subnets and Routing.	
	2 Explain cross-region replication.	
	(C) Answer in detail (Any one out of two)	3
	1 Explain Web hosting.	
	2 Explain Versioning and life cycle policy.	
	(D) Write a note on (Any one out of two)	5
	1 Explain S3 in details.	
	2 Explain VPC in details.	
Q.4	(A) Answer the following:	4
	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)	2
	1 Explain Amazon Route 53.	
	2 Explain DynamoDB.	
	(C) Answer in detail (Any one out of two)	3
	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)	5
	1 Explain DNS in details.	
	2 Explain RDBMS different security parameters and Monitoring.	
Q.5	(A) Answer the following:	4
	1 EMI stands for _____ in cloud computing.	
	2 EBS stands for _____.	
	3 Windows Azure is old name of Microsoft Azure. (YES/ NO)	
	4 How many networking modes in Eucalyptus?	
	(B) Answer In brief (Any one out of two)	2

- 1 Explain Alarm & notifications.
- 2 Explain AWS monitoring.

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

3

- 1 Explain CloudWatch logs.
- 2 Explain CloudWatch dashboards.

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

5

- 1 What is Eucalyptus.
- 2 Explain Microsoft Azure.