

TILAK MAHARASHTRA VIDYAPEETH, PUNE
MASTER OF COMPUTER APPLICATIONS
(Specialization in Cloud Technology)
EXAMINATION : JANUARY - 2025
SEMESTER - III
Sub: Cloud Web Services (MCCL 23-302)

Date : 08/01/2025

Total Marks : 60

Time: 10.00 am to 12.30 pm

Instruction:

1. All questions are compulsory unless and otherwise stated.
2. Bold figures to the right of every question are the maximum marks for that question.
3. Candidates are advised to attempt questions in order.
4. Answers written illegibly are likely to be marked zero.
5. Use of scientific calculators, Log tables, Mollier Charts is allowed.
6. Draw neat and labelled diagram wherever necessary.

Q.1. Answer the following in 2-3lines. (Any 5) (10)

1. What is AWS Identity and Access Management (IAM)
2. Define a NoSQL database
3. What is a Content Delivery Network (CDN)
4. Briefly explain the purpose of AWS Secrets Manager (ASM).
5. What is Amazon Relational Database Service (RDS), and why is it used?
6. What are the basic system requirements for accessing Amazon WorkMail?
7. Explain the significance of logging and monitoring in cloud environments.

Q. 2. Answer the following in short. (Any 4) (20)

1. Explain the functionality and key features of AWS Key Management Service(KMS).
2. Explain the role of Amazon Route 53 Resolver in addressing public, private, and hybrid DNS requirements.
3. Differentiate between a Security Group and a Network ACL in AWS.
4. What factors impact database performance when encryption is enabled, and how can these factors be mitigated?
5. Describe three ways in which AWS CloudTrail records events.
6. Explain Key Feature of Amazon WorkMail Features

Q. 3. Answer the following in detail. (Any 3) (30)

1. Describe the key features of Amazon CloudWatch?
2. What is AWS Organizations, and what are its key components and features that help manage multiple AWS accounts efficiently?
3. What is the architecture of AWS CloudTrail, and what are its key benefits for monitoring and security?
4. What is AWS Organizations, and what are its key components and features that help manage multiple AWS accounts efficiently?
5. Describe Amazon VPC Lattice along with its key features and its use cases
