



Seat No. _____

HP-003-3082003

**M. Sc. (I.T. & CA) (Sem.-II) (CBCS)
(W.E.F. 2022) Examination**

April - 2023

CS-09 : Cloud Computing With AWS

00133

Faculty Code : 003

Subject Code : 3082003

Time : 2.30 Hours / Total Marks : 70

- 1 (a) Objective type questions. Attempt all questions : 4
- (1) Applications and services that run on a distributed network using virtualized resources is known as _____.
 - (2) AWS Elastic Beanstalk is an example of a _____ cloud service.
 - (3) Define ELB.
 - (4) Cloud computing abstracts systems by pooling and sharing resources. (True / False)
- (b) Attempt any one out of two question: 2
- (1) Define Hybrid Cloud.
 - (2) How Cloud computing works?
- (c) Attempt any one out of two question: 3
- (1) Explain AWS.
 - (2) Explain different types of Cloud service models.
- (d) Attempt any one out of two question: 5
- (1) Define AWS architecture.
 - (2) Explain VM migration services.
- 2 (a) Objective type questions, Attempt all questions: 4
- (1) Full Form of MFA.
 - (2) Full Form of IAM.
 - (3) Full Form of EBS.
 - (4) Full Form of AMI.

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- (b) Attempt any one out of two question : 2
- (1) Explain any two IAM features.
 - (2) What is Identity-based policies? 3
- (c) Attempt any one out of two question:
- (1) Explain different Instance purchasing options in context of AMI.
 - (2) Explain Policies and groups in terms of IAM. 5
- (d) Attempt any one out of two question:
- (1) Write down steps to create Amazon EC2 instance.
 - (2) Write a note on Amazon EBS snapshots.
- 3 (a) Objective type questions, Attempt all questions: 4
- (1) Full form of VPC.
 - (2) The files which are stored in S3 can be from _____ to _____.
 - (3) Full form of ACL.
 - (4) Full form of CIDR.
- (b) Attempt any one out of two question: 2
- (1) Define Subnets.
 - (2) Define Routing.
- (c) Attempt any one out of two question: 3
- (1) What is S3?
 - (2) What is Amazon S3 Glacier?
- (d) Attempt any one out of two question: 5
- (1) Write down steps to create Amazon VPC.
 - (2) Write down steps to create S3 Bucket.
- 4 (a) Objective type questions, Attempt all questions: 4
- (1) Full form of DNS.
 - (2) Full form of VPS.
 - (3) Full form of RDS.
 - (4) What is DynamoDB?
- (b) Attempt any one out of two question: 2
- (1) What is Amazon Route 53?
 - (2) Define: Web hosting.

- (c) Attempt any one out of two question: 3
- (1) Discuss the types of DNS service.
 - (2) Explain different types of Amazon Route 53 health checks.
- (d) Attempt any one out of two question: 5
- (1) Explain different types of web hosting services.
 - (2) Explain Elasticache with its types.
- 5 (a) Objective type questions, Attempt all questions: 4
- (1) Cloud computing is a concept that involves pooling physical resources and offering them as which sort of resource?
 - (2) Salesforce is an example of a SaaS cloud service. [True/False]
 - (3) In _____ service models the hardware is virtualized in the cloud.
 - (4) What is CloudWatch?
- (b) Attempt any one out of two question: 2
- (1) What is CloudWatch dashboards?
 - (2) What is CloudWatch logs?
- (c) Attempt any one out of two question: 3
- (1) Explain Alarm and write down steps to create Alarm.
 - (2) Discuss the Use cases for CloudWatch.
- (d) Attempt any one out of two question: 5
- (1) Write a note on Eucalyptus.
 - (2) How does Microsoft Azure support cloud services? Justify with suitable diagram.