

**CLOUD COMPUTING -20CS53IT
MODEL QUESTION PAPER FOR DEC - 2023**

SECTION-I

- 1a** List and explain the three cloud computing service models.
- 1b.** List out any 5 differences between HDDs and SSDs.
- 1c.** Explain the benefits of cloud computing.

OR

- 2a.** Explain Scaling up and Scaling out cloud architectures with examples.
- 2b.** Write the procedure to configure and to launch an EC2 instance in AWS.
- 2c.** Compare EFS and EBS in AWS.

SECTION-II

- 3a** Explain the below.
- 3b** Compare NACL and Security Groups.
- 3c** Demonstrate CIDR with an example.

OR

- 4a** Write the Procedure to configure VPC and Subnet in AWS.
- 4b** Compare virtual private gateway and customer gateway.
- 4c** Compare Network Load Balancer and Application Load Balancer.

SECTION-III

- 5a.** Explain the features and benefits of gateway load balancers.
Explain the need for Cross zone load balancing and write the procedure to enable cross zone load balancer.
- 5b.**
- 5c.** List the benefits of cloud database and compare AWS RDS and Aurora.

OR

- 6a.** Write the procedure to host a simple webpage (static website) in AWS S3.
- 6b.** Explain the need of MFA delete in S3 service.

- 6c** What is presigned URL in S3? Write the procedure to generate presigned URL.

SECTION-IV

- 7a.** List out different storage classes in S3. A company stores the data which is rarely accessed. Identify the suitable storage class for the company and justify the reasons for the same.
- 7b.** Explain briefly the three types of devices in AWS Snow Family.

7c. Explain in brief about AWS lambda.

OR

8a. Explain any six advantages of Kubernetes.

8b. List out different elastic beanstalk deployment models. Explain any two of them.

8c. Compare AWS Cloud Trial and Cloud Watch.

SECTION-V

9a. Explain the features of Azure Active directory.

9b. Compare Azure blobs and Azure file storage services.

9c. Write the steps for creating CDN in Azure.

OR

10a. Write the procedure to setup auto scaling in Microsoft Azure.

10b. Identify the different functions of Azure Kubernetes services.

10c. List out the best practices for cloud database security in Azure.