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

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.

    (b)   Attempt any one out of two question :   **2**
        (1)   Explain any two IAM features.
        (2)   What is Identity-based policies?

    (c)   Attempt any one out of two question: **3**
        (1)   Explain different Instance purchasing options in context of AMI.
        (2)   Explain Policies and groups in terms of IAM.

    (d)   Attempt any one out of two question: **5**
        (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 CIoudWatch?

(b) Attempt any one out of two question: **2**

    (1) What is CIoudWatch dashboards?

    (2) What is CIoudWatch 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 CIoudWatch.

(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.

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