Answer Sheet

* Q1) **What information is required to calculate the Total Cost of Ownership for the AWS Cloud?**
  1. The number of end users you are currently serving
  2. The number of on-premise applications
  3. The number of active databases
  4. The number of on-premise virtual machines
* Q2) **How much data can you store in S3?**
  1. Storage capacity is virtually unlimited.
  2. You can store up to 1 PetaByte of data.
  3. Each account is given 50 gigabytes of storage capacity and no more can be used.
  4. You can store up to 1 PetaByte of data, then you are required to pay an additional fee.
* Q3) **Which of the following is NOT a benefit of using Amazon VPC?**
  1. You have complete control over your virtual networking environment.
  2. You can select your own IP address range.
  3. Amazon VPC allows you to control user interactions with various AWS resources.
  4. Subnets and IP ranges are automatically created for you.
* Q4) **How are S3 storage classes rated?**
  1. Availability & Scalability.
  2. Durability & Accessibility.
  3. Availability & Durability.
  4. Scalability & Accessibility.
* Q5)

**A company is deploying a new two-tier web application in AWS.**

**Where should the most frequently accessed data be stored so that the application’s response time is optimal?**

* 1. MySQL Installed on two Amazon EC2 Instances in a single Availability Zone
  2. Amazon ElastiCache
  3. Amazon RDS for MySQL with Multi-AZ
  4. Amazon Cache Accelerator.
* Q6)

**You want to monitor the CPU utilization of an EC2 resource in AWS.**

**Which of the below services can help in this regard?**

* 1. AWS Config
  2. AWS Inspector
  3. AWS Cloudwatch
  4. AWS Trusted Advisor
* Q7)

**You have been tasked with auditing the security of your VPC. As part of this process, you need to start by analyzing what traffic is allowed to and from various EC2 instances.**

**What two parts of the VPC do you need to check to accomplish this task?**

* 1. NACLs and Traffic Manager
  2. Security Groups and Internet Gateways
  3. NACLs and Subnets
  4. Security Groups and NACLs
* Q8) **Which of the following services allow you to run your application when needed, without having to provision servers all the time?**
  1. AWS EC2 instances
  2. AWS Lambda
  3. AWS LightSail
  4. AWS RDS instances
* Q9) **Which Amazon EC2 Reserved Instance type is ideal for an application that runs 3 hours a day, 5 days a week?**
  1. Standard RIs
  2. Convertible RIs
  3. Scheduled RIs
  4. Mixed RIs
* Q10)

**You have a real-time IoT application that requires sub-millisecond latency.**

**Which of the following services would you use?**

* 1. Amazon ElastiCache for Redis
  2. Amazon IoT caching
  3. Amazon Redshift
  4. Amazon IoT Accelerator