Question 1: You want to run a questionnaire application for only one day (without interruption), which Amazon EC2 purchase option should you use?

O Dedicated instances

O On-demand instances

O Spot instances

O Reserved instances

Question 2: Which service provides object-level storage in AWS?

O Amazon Instance Store

O Amazon EBS

O Amazon EFS

O Amazon S3

Question 3: What does Amazon CloudFront use to distribute content to global users with low latency?

O AWS Regions

O AWS Availability Zones

O AWS Edge Locations

O AWS Global Accelerator

Question 4: According to the AWS Acceptable Use Policy, which of the following statements is true regarding penetration testing of EC2 instances?

O Penetration testing is not allowed in AWS

O Penetration testing is performed automatically by AWS to determine vulnerabilities in your AWS infrastructure

O The AWS customers are only allowed to perform penetration testing on services managed by AWS

O Penetration testing can be performed by the customer on their own instances without prior authorization from AWS

Question 5: You have deployed your application on multiple Amazon EC2 instances. Your customers complain that sometimes they can’t reach your application. Which AWS service allows you to monitor the performance of your EC2 instances to assist in troubleshooting these issues?

O AWS Lambda

O AWS CloudTrail

O AWS Config

O Amazon CloudWatch

Question 6: What is the AWS feature that provides an additional level of security above the default authentication mechanism of usernames and passwords?

O AWS KMS

O Encrypted keys

O Email verification

O AWS MFA

Question 7: A company has decided to migrate its Oracle database to AWS. Which AWS service can help achieve this without negatively impacting the functionality of the source database?

O AWS OpsWorks

O AWS Server Migration Service

O AWS Application Discovery Service

O AWS Database Migration Service

Question 8: You have noticed that several critical Amazon EC2 instances have been terminated. Which of the following AWS services would help you determine who took this action?

O EC2 Instance Usage Report

O AWS Trusted Advisor

O AWS CloudTrail

O Amazon Inspector

Question 9: What do you gain from setting up consolidated billing for five different AWS accounts under another master account?

O Each AWS account gets volume discounts

O AWS services’ costs will be reduced to half the original price

O The consolidated billing feature is just for organizational purposes

O Each AWS account gets five times the free-tier services capacity

Question 10: The identification process of an online financial services company requires that new users must complete an online interview with their security team. The completed recorded interviews are only required in the event of a legal issue or a regulatory compliance breach. What is the most cost-effective service to store the recorded videos?

O S3 Intelligent-Tiering

O Amazon S3 Glacier Deep Archive

O AWS Marketplace

O Amazon EBS

Question 11: A developer is planning to build a two-tier web application that has a MySQL database layer. Which of the following AWS database services would provide automated backups for the application?

O Amazon Aurora

O Amazon DynamoDB

O A MySQL database installed on an EC2 instance

O Amazon Neptune

Question 12: Which of the following can be described as a global content delivery network (CDN) service?

O AWS Direct Connect

O Amazon CloudFront

O AWS Regions

O AWS VPN

Question 13: What should you do in order to keep the data on EBS volumes safe? (Choose TWO)

□ Create EBS snapshots

□ Prevent any unauthorized access to AWS data centers

□ Store a backup daily in an external drive

□ Regularly update firmware on EBS devices

□ Ensure that EBS data is encrypted at rest

Question 14: A company has moved to AWS recently. Which of the following AWS Services will help ensure that they have the proper security settings? (Choose TWO)

□ Amazon SNS

□ AWS Trusted Advisor

□ Concierge Support Team

□ Amazon CloudWatch

□ Amazon Inspector

Question 15: You are working on a project that involves creating thumbnails of millions of images. Consistent uptime is not an issue, and continuous processing is not required. Which EC2 buying option would be the most cost-effective?

O Reserved Instances

O On-demand Instances

O Dedicated Instances

O Spot Instances

Question 16: Which of the following is NOT correct regarding Amazon EC2 On-demand instances?

O With on-demand instances, no longer-term commitments or upfront payments are needed

O When using on-demand Linux instances, you are charged per second based on an hourly rate

O The on-demand instances follow the AWS pay-as-you-go pricing model

O You have to pay a start-up fee when launching a new instance for the first time

Question 17: Under the shared responsibility model, which of the following is the responsibility of AWS?

O Client-side encryption

O Filtering traffic with Security Groups

O Server-side encryption

O Configuring infrastructure devices

Question 18: Adjusting compute capacity dynamically to reduce cost is an implementation of which AWS cloud best practice?

O Implement elasticity

O Parallelize tasks

O Adopt monolithic architecture

O Build security in every layer

Question 19: Which of the following is an example of horizontal scaling in the AWS Cloud?

O Replacing an existing EC2 instance with a larger, more powerful one

O Adding more EC2 instances of the same size to handle an increase in traffic

O Adding more RAM capacity to an EC2 instance

O Increasing the compute capacity of a single EC2 instance to address the growing demands of an application

Question 20: Which service is used to ensure that messages between software components are not lost if one or more components fail?

O AWS Direct Connect

O Amazon SQS

O Amazon Connect

O Amazon SES

Question 21: A startup company is operating on limited funds and is extremely concerned about cost overruns. Which of the below options can be used to notify the company when their monthly AWS bill exceeds $2000? (Choose TWO)

□ Configure the Amazon Simple Email Service to send billing alerts to their email address on a daily basis

□ Configure the Amazon Connect Service to alert the company when the threshold is exceeded

□ Configure AWS CloudTrail to automatically delete all AWS resources when the threshold is exceeded

□ Configure the AWS Budgets Service to alert the company when the threshold is exceeded

□ Setup a CloudWatch billing alarm that triggers an SNS notification when the threshold is exceeded

Question 22: You have AWS Basic support, and you have discovered that some AWS resources are being used maliciously, and those resources could potentially compromise your data. What should you do?

O Contact the AWS Customer Service team

O Contact the AWS Abuse team

O Contact the AWS Security team

O Contact the AWS Concierge team

Question 23: A global company with a large number of AWS accounts is seeking a way in which they can centrally manage billing and security policies across all accounts. Which AWS Service will assist them in meeting these goals?

O AWS Organizations

O AWS Config

O IAM User Groups

O AWS Trusted Advisor

Question 24: Which of the following services allows customers to manage their agreements with AWS?

O AWS Artifact

O AWS Systems Manager

O AWS Organizations

O AWS Certificate Manager

Question 25: Your company has a data store application that requires access to a NoSQL database. Which AWS database offering would meet this requirement?

O Amazon Redshift

O Amazon Elastic Block Store

O Amazon DynamoDB

O Amazon Aurora

Question 26: A company is planning to host an educational website on AWS. Their video courses will be streamed all around the world. Which of the following AWS services will help achieve high transfer speeds?

O Amazon SNS

O Amazon CloudFront

O AWS CloudFormation

O Amazon Kinesis Video Streams

Question 27: You have set up consolidated billing for several AWS accounts. One of the accounts has purchased a number of reserved instances for 3 years. Which of the following is true regarding this scenario?

O There are no cost benefits from using consolidated billing; It is for informational purposes only

O All accounts can receive the hourly cost benefit of the Reserved Instances

O The Reserved Instance discounts can only be shared with the master account

O The purchased instances will have better performance than On-demand instances

Question 28: What is the AWS service that enables AWS architects to manage infrastructure as code?

O Amazon EMR

O AWS CloudFormation

O Amazon SES

O AWS Config

Question 29: Your company is developing a critical web application in AWS, and the security of the application is a top priority. Which of the following AWS services will provide infrastructure security optimization recommendations?

O AWS Secrets Manager

O AWS Shield

O AWS Management Console

O AWS Trusted Advisor

Question 30: Which of the following are examples of AWS-Managed Services, where AWS is responsible for the operational and maintenance burdens of running the service? (Choose TWO)

□ Amazon DynamoDB

□ Amazon VPC

□ Amazon Elastic Compute Cloud

□ Amazon Elastic MapReduce

□ AWS IAM

Question 31: Which of the following must an IAM user provide to interact with AWS services using the AWS Command Line Interface (AWS CLI)?

O User ID

O Secret token

O User name and password

O Access keys

Question 32: What does the AWS Health Dashboard provide? (Choose TWO)

□ Detailed troubleshooting guidance to address AWS events impacting your resources

□ Health checks for Auto Scaling instances

□ A dashboard detailing vulnerabilities in your applications

□ Personalized view of AWS service health

□ Recommendations for Cost Optimization

Question 33: An organization has a large number of technical employees who operate their AWS Cloud infrastructure. What does AWS provide to help organize them into teams and then assign the appropriate permissions for each team?

O AWS Organizations

O IAM user groups

O IAM users

O IAM roles

Question 34: Which S3 storage class is best for data with unpredictable access patterns?

O Amazon S3 Glacier Flexible Retrieval

O Amazon S3 Standard

O Amazon S3 Intelligent-Tiering

O Amazon S3 Standard-Infrequent Access

Question 35: One of the most important AWS best-practices to follow is the cloud architecture principle of elasticity. How does this principle improve your architecture’s design?

O By automatically provisioning the required AWS resources based on changes in demand

O By automatically scaling your on-premises resources based on changes in demand

O By automatically scaling your AWS resources using an Elastic Load Balancer

O By reducing interdependencies between application components wherever possible

Question 36: What does AWS Snowball provide? (Choose TWO)

□ A catalog of third-party software solutions that customers need to build solutions and run their businesses

□ Secure transfer of large amounts of data into and out of the AWS Cloud

□ An Exabyte-scale data transfer service that allows you to move extremely large amounts of data to AWS

□ Built-in computing capabilities that allow customers to process data locally

□ A hybrid cloud storage between on-premises environments and the AWS Cloud

Question 37: A company has an AWS Enterprise Support plan. They want quick and efficient guidance with their billing and account inquiries. Which of the following should the company use?

O AWS Operations Support

O AWS Support Concierge

O AWS Health Dashboard

O AWS Customer Service

Question 38: Select TWO examples of the AWS shared controls.

□ Patch Management

□ VPC Management

□ Configuration Management

□ Data Center operations

□ IAM Management

Question 39: Which of the below options are related to the reliability of AWS? (Choose TWO)

□ Automatically provisioning new resources to meet demand

□ Ability to recover quickly from failures

□ Applying the principle of least privilege to all AWS resources

□ All AWS services are considered Global Services, and this design helps customers serve their international users

□ Providing compensation to customers if issues occur

Question 40: What is the AWS database service that allows you to upload data structured in key-value format?

O Amazon RDS

O Amazon Aurora

O Amazon Redshift

O Amazon DynamoDB

Question 41: A Japanese company hosts their applications on Amazon EC2 instances in the Tokyo Region. The company has opened new branches in the United States, and the US users are complaining of high latency. What can the company do to reduce latency for the users in the US while minimizing costs?

O Applying the Amazon Connect latency-based routing policy

O Building a new data center in the US and implementing a hybrid model

O Deploying new Amazon EC2 instances in a Region located in the US

O Registering a new US domain name to serve the users in the US

Question 42: As part of the Enterprise support plan, who is the primary point of contact for ongoing support needs?O Technical Account Manager (TAM)

O AWS Consulting Partners

O AWS Identity and Access Management (IAM) user

O Infrastructure Event Management (IEM) engineer

Question 43: In the AWS Shared responsibility Model, which of the following are the responsibility of the customer? (Choose TWO)

□ Disk disposal

□ Setting password complexity rules

□ Configuring network access rules

□ Controlling physical access to compute resources

□ Patching the Network infrastructure

Question 44: What does AWS provide to deploy popular technologies - such as IBM MQ - on AWS with the least amount of effort and time?

O Amazon Aurora

O AWS Quick Start reference deployments

O AWS OpsWorks

O Amazon CloudWatch

Question 45: You work as an on-premises MySQL DBA. The work of database configuration, backups, patching, and DR can be time-consuming and repetitive. Your company has decided to migrate to the AWS Cloud. Which of the following can help save time on database maintenance so you can focus on data architecture and performance?

O Amazon Redshift

O Amazon DynamoDB

O Amazon RDS

O Amazon CloudWatch

Question 46: AWS allows users to manage their resources using a web based user interface. What is the name of this interface?

O AWS CLI

O AWS SDK

O AWS Management Console

O AWS API

Question 47: A company is concerned that they are spending money on underutilized compute resources in AWS. Which AWS feature will help ensure that their applications are automatically adding/removing EC2 compute capacity to closely match the required demand?

O AWS Auto Scaling

O AWS Budgets

O AWS Elastic Load Balancer

O AWS Cost Explorer

Question 48: ​ A company is introducing a new product to their customers, and is expecting a surge in traffic to their web application. As part of their Enterprise Support plan, which of the following provides the company with architectural and scaling guidance?

O Infrastructure Event Management

O AWS Support Concierge Service

O AWS Health Dashboard

O AWS Knowledge Center

Question 49: Which statement is true regarding the AWS Shared Responsibility Model?

O Security of the IaaS services is the responsibility of AWS

O Patching the guest OS is always the responsibility of AWS

O Responsibilities vary depending on the services used

O Security of the managed services is the responsibility of the customer

Question 50: What is the AWS service that provides a virtual network dedicated to your AWS account?

O AWS VPN

O AWS Dedicated Hosts

O AWS Subnets

O Amazon VPC

Question 51: The principle “design for failure and nothing will fail” is very important when designing your AWS Cloud architecture. Which of the following would help adhere to this principle? (Choose TWO)

□ Multi-factor authentication

□ Vertical Scaling

□ Availability Zones

□ Penetration testing

□ Elastic Load Balancing

Question 52: Which of the following helps a customer view the Amazon EC2 billing activity for the past month?

O AWS Systems Manager

O AWS Budgets

O AWS Cost & Usage Reports

O AWS Pricing Calculator

Question 53: What does the "Principle of Least Privilege" refer to?

O All trusted IAM users should have access to any AWS service in the respective AWS account

O You should grant your users only the permissions they need when they need them and nothing more

O All IAM users should have at least the necessary permissions to access the core AWS services

O IAM users should not be granted any permissions; to keep your account safe

Question 54: Which of the following is not a benefit of Amazon S3? (Choose TWO)

□ Amazon S3 can be scaled manually to store and retrieve any amount of data from anywhere

□ Amazon S3 can run any type of application or backend system

□ Amazon S3 provides 99.999999999% (11 9’s) of data durability

□ Amazon S3 stores any number of objects, but with object size limits

□ Amazon S3 provides unlimited storage for any type of data

Question 55: What are the benefits of having infrastructure hosted in AWS? (Choose TWO)

□ There is no need to worry about security

□ Increasing speed and agility

□ All of the physical security and most of the data/network security are taken care of for you

□ Gaining complete control over the physical infrastructure

□ Operating applications on behalf of customers

Question 56: Hundreds of thousands of DDoS attacks are recorded every month worldwide. What service does AWS provide to help protect AWS Customers from these attacks? (Choose TWO)

□ AWS KMS

□ Amazon Cognito

□ AWS WAF

□ AWS Shield

□ AWS Config

Question 57: 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?

O AWS OpsWorks

O Amazon ElastiCache

O AWS Storage Gateway

O Amazon EBS volume

Question 58: In order to implement best practices when dealing with a “Single Point of Failure,” you should attempt to build as much automation as possible in both detecting and reacting to failure. Which of the following AWS services would help? (Choose TWO)

□ Amazon EC2

□ ECR

□ Auto Scaling

□ ELB

□ Amazon Athena

Question 59: A company has developed an eCommerce web application in AWS. What should they do to ensure that the application has the highest level of availability?

O Deploy the application across multiple Availability Zones and subnets

O Deploy the application across multiple Availability Zones and Edge locations

O Deploy the application across multiple VPC’s and subnets

O Deploy the application across multiple Regions and Availability Zones

Question 60: How can you view the distribution of AWS spending in one of your AWS accounts?

O By using Amazon VPC console

O By contacting the AWS Finance team

O By contacting the AWS Support team

O By using AWS Cost Explorer

Question 61: Which of the following does NOT belong to the AWS Cloud Computing models?

O Software as a Service (SaaS)

O Networking as a Service (NaaS)

O Platform as a Service (PaaS)

O Infrastructure as a Service (IaaS)

Question 62: Which service provides DNS in the AWS cloud?

O AWS Config

O Amazon CloudFront

O Amazon EMR

O Route 53

Question 63: An organization has decided to purchase an Amazon EC2 Reserved Instance (RI) for three years in order to reduce costs. It is possible that the application workloads could change during the reservation period.

What is the EC2 Reserved Instance (RI) type that will allow the company to exchange the purchased reserved instance for another reserved instance with higher computing power if they need to?

O Convertible RI

O Premium RI

O Standard RI

O Elastic RI

Question 64: Which of the below is a best-practice when designing solutions on AWS?

O Use AWS reservations to reduce costs when testing your production environment

O Invest heavily in architecting your environment, as it is not easy to change your design later

O Automate wherever possible to make architectural experimentation easier

O Provision a large compute capacity to handle any spikes in load

Question 65: What is the advantage of the AWS-recommended practice of "decoupling" applications?

O Allows tracking of any API call made to any AWS service

O Allows treating an application as a single, cohesive unit

O Reduces inter-dependencies so that failures do not impact other components of the application

O Allows updates of any monolithic application quickly and easily