Question 1: The AWS account administrator of your company has been fired. With the permissions granted to him as an administrator, he was able to create multiple IAM user accounts and access keys. Additionally, you are not sure whether he has access to the AWS root account or not. What should you do immediately to protect your AWS infrastructure? (Choose TWO)

□ Delete all IAM accounts and recreate them

□ Use the CloudWatch service to check all API calls that have been made in your account since the administrator was fired

□ Rotate all access keys

□ Change the email address and password of the root user account and enable MFA

□ Download all the attached policies in a safe place

Question 2: According to the AWS shared responsibility model, what are the controls that customers fully inherit from AWS? (Choose TWO)

□ Data center security controls

□ Environmental controls

□ Resource Configuration Management

□ Communications controls

□ Awareness and Training

Question 3: Which of the following AWS support plans provides access to only the core AWS Trusted Advisor checks?

O Developer & Enterprise Support

O Basic & Developer Support

O Developer & Business Support

O Business & Enterprise Support

Question 4: Which of the following Cloud Computing deployment models eliminates the need to run and maintain physical data centers?

O On-premises

O IaaS

O Cloud

O PaaS

Question 5: Which database service should you use if your application and data schema require "joins" or complex transactions?

O AWS Outposts

O Amazon RDS

O Amazon DocumentDB

O Amazon DynamoDB

Question 6: What does Amazon GuardDuty do to protect AWS accounts and workloads?

O Continuously monitors AWS infrastructure and helps detect threats such as attacker reconnaissance or account compromise

O Checks security groups for rules that allow unrestricted access to AWS resources

O Helps AWS customers identify the root cause of potential security issues

O Notifies AWS customers about abuse events once they are reported

Question 7: AWS provides disaster recovery capability by allowing customers to deploy infrastructure into multiple \_\_\_\_\_\_\_\_\_\_\_ .

O Regions

O Edge locations

O Support plans

O Transportation devices

Question 8: What factors determine how you are charged when using AWS Lambda? (Choose TWO)

□ Number of volumes

□ Compute time consumed

□ Number of requests to your functions

□ Storage consumed

□ Placement groups

Question 9: A financial services company decides to migrate one of its applications to AWS. The application deals with sensitive data, such as credit card information, and must run on a PCI-compliant environment. Which of the following is the company’s responsibility when building a PCI-compliant environment in AWS? (Choose TWO)

□ Configure the underlying infrastructure of AWS services to meet all PCI DSS requirements

□ Restrict any access to cardholder data and create a policy that addresses information security for all personnel

□ Ensure that AWS services are configured properly to meet all PCI DSS standards

□ Start the migration process immediately as all AWS services are PCI compliant

□ Ensure that all PCI DSS physical security requirements are met

Question 10: What is the recommended storage option when hosting an often-changing database on an Amazon EC2 instance?

O You can't run a database inside an Amazon EC2 instance

O Amazon EBS

O Amazon DynamoDB

O Amazon RDS

Question 11: Which feature enables users to sign into their AWS accounts with their existing corporate credentials?

O IAM Permissions

O WAF rules

O Access keys

O Federation

Question 12: What is the benefit of Amazon EBS volumes being automatically replicated within the same availability zone?

O Durability

O Traceability

O Accessibility

O Elasticity

Question 13: Which of the following AWS Support Plans gives you 24/7 access to Cloud Support Engineers via email & phone? (Choose TWO)

□ Standard

□ Developer

□ Business

□ Enterprise

□ Premium

Question 14: How can you protect data stored on Amazon S3 from accidental deletion?

O By configuring S3 Bucket Policies

O By disabling S3 Cross-Region Replication (CRR)

O By enabling S3 Versioning

O By configuring S3 Lifecycle Policies

Question 15: You have multiple standalone AWS accounts and you want to decrease your AWS monthly charges. What should you do?

O Track the AWS charges that are incurred by the member accounts

O Enable AWS tiered-pricing before provisioning resources

O Try to remove unnecessary AWS accounts

O Add the accounts to an AWS Organization and use Consolidated Billing

Question 16: You are planning to launch an advertising campaign over the coming weekend to promote a new digital product. It is expected that there will be heavy spikes in load during the campaign period, and you can’t afford any downtime. You need additional compute resources to handle the additional load. What is the most cost-effective EC2 instance purchasing option for this job?

O Spot Instances

O Reserved Instances

O On-Demand Instances

O Savings Plans

Question 17: Which of the following services is an AWS repository management system that allows for storing, versioning, and managing your application code?

O AWS CodePipeline

O AWS X-Ray

O AWS CodeCommit

O Amazon CodeGuru

Question 18: What is the main benefit of attaching security groups to an Amazon RDS instance?

O Manages user access and encryption keys

O Controls what IP address ranges can connect to your database instance

O Deploys SSL/TLS certificates for use with your database instance

O Distributes incoming traffic across multiple targets

Question 19: A company wants to use Amazon Elastic Container Service (Amazon ECS) to run its containerized applications. For compliance reasons, the company wants to retain complete visibility and control over the underlying server cluster. Which Amazon ECS launch type will satisfy these requirements?

O Lightsail launch type

O Fargate launch type

O EC2 launch type

O Lambda launch type

Question 20: Which AWS service can be used to route end users to the nearest AWS Region to reduce latency?

O AWS Systems Manager Session Manager

O Amazon Cognito

O Amazon Route 53

O AWS Cloud9

Question 21: You have been tasked with auditing the security of your VPC. As part of this process, you need to start by analyzing what inbound and outbound traffic is allowed on your EC2 instances. What two parts of the VPC do you need to check to accomplish this task?

O AWS WAF and Traffic Manager

O Security Groups and Internet Gateways

O Network ACLs and Subnets

O Security Groups and Network ACLs

Question 22: Which of the following makes it easier for you to categorize, manage and filter your resources?

O AWS Service Catalog

O Amazon CloudWatch

O AWS Tagging

O AWS Directory Service

Question 23: A company is running a large web application that needs to always be available. The application tends to slow down when CPU usage is greater than 60%. How can they track when CPU usage goes above 60% for any of the EC2 Instances in their account?

O Set the AWS Config CPU threshold to 60% to receive a notification when EC2 usage exceeds that value

O Use SNS to monitor the utilization of the server

O Use CloudWatch Alarms to monitor the CPU and alert when the CPU usage is >= 60%

O Use CloudFront to monitor the CPU usage

Question 24: What should you consider when storing data in Amazon Glacier?

O Amazon Glacier only accepts data in a compressed format

O Glacier can only be used to store frequently accessed data and data archives

O Attach Glacier to an EC2 Instance to be able to store data

O Pick the right Glacier class based on your retrieval needs

Question 25: Which of the following requires an access key ID and a secret access key to get long-lived programmatic access to AWS resources? (Choose TWO)

□ IAM user

□ IAM role

□ IAM user group

□ AWS account root user

□ TAM

Question 26: How does AWS help customers achieve compliance in the cloud?

O It’s not possible to meet regulatory compliance requirements in the Cloud

O AWS applies the most common Cloud security standards, and is responsible for complying with customers’ applicable laws and regulations

O AWS has many common assurance certifications such as ISO 9001 and HIPAA

O Many AWS services are assessed regularly to comply with local laws and regulations

Question 27: Which statement is true regarding AWS pricing? (Choose TWO)

□ There are no reservations on AWS, you only pay for what you use

□ For some services, you have to pay a startup fee in order to get the service running

□ You have no responsibility for third-party software license costs

□ You only pay for the individual services that you need with no long-term contracts

□ With the AWS pay-as-you-go pricing model, you do not have to pay any upfront fee

Question 28: For some services, AWS automatically replicates data across multiple Availability Zones to provide fault tolerance in the event of a server failure or Availability Zone outage. Select TWO services that automatically replicate data across Availability Zones.

□ Amazon Route 53

□ S3

□ Amazon Aurora

□ Amazon RDS for Oracle

□ Instance Store

Question 29: Which of the following is a benefit of the "Loose Coupling" architecture principle?

O It allows individual application components or services to be modified without affecting other components

O It eliminates the need for change management

O It allows for Cross-Region Replication

O It helps AWS customers reduce Privileged Access to AWS resources

Question 30: What are the benefits of the AWS Marketplace service? (Choose TWO)

□ Provides software solutions that run on AWS or any other Cloud vendor

□ Provides cheaper options for purchasing Amazon EC2 on-demand instances

□ Protects customers by performing periodic security checks on listed products

□ Provides flexible pricing options that suit most customer needs

□ Per-second billing

Question 31: What does the AWS "Business" support plan provide? (Choose TWO)

□ Consultative review and guidance based on your applications

□ Access to the full set of Trusted Advisor checks

□ AWS Support API

□ Proactive Technical Account Management

□ Less than 15 minutes response-time support if your business critical system goes down

Question 32: A company is migrating production workloads to AWS, and they are concerned about cost management across different departments. Which option should the company implement to categorize and track AWS spending?

O Apply cost allocation tags to segment AWS costs by different projects and departments

O Use the AWS Pricing Calculator service to monitor the costs incurred by each department

O Configure AWS Price List API to receive billing updates for each department automatically

O Use Amazon Aurora to forecast AWS spending based on usage

Question 33: Which of the following is NOT a benefit of using AWS Lambda?

O AWS Lambda runs code without provisioning or managing servers

O There is no charge when your AWS Lambda code is not running

O AWS Lambda provides resizable compute capacity in the cloud

O AWS Lambda can be called directly from any mobile app

Question 34: You have developed a web application targeting a global audience. Which of the following will help you achieve the highest redundancy and fault tolerance from an infrastructure perspective?

O There is no need to architect for these capabilities in AWS, as AWS is redundant by default

O Deploy the application in a single Availability Zone

O Deploy the application in multiple Availability Zones in multiple AWS regions

O Deploy the application in multiple Availability Zones in a single AWS region

Question 35: What are the main differences between an IAM user and an IAM role in AWS? (Choose TWO)

□ An IAM user is uniquely associated with only one person, however a role is intended to be assumable by anyone who needs it

□ A role is uniquely associated with only one person, however an IAM user is intended to be assumable by anyone who needs it

□ An IAM user has temporary credentials associated with it, however a role has permanent credentials associated with it

□ An IAM user has permanent credentials associated with it, however a role has temporary credentials associated with it

□ IAM users are more cost effective than IAM roles

Question 36: A company needs to host a big data application on AWS using EC2 instances. Which of the following AWS Storage services would they choose to automatically get high throughput to multiple compute nodes?

O Amazon Elastic File System

O Amazon Elastic Block Store

O AWS Storage Gateway

O S3

Question 37: What AWS service allows you to buy third-party software solutions and services that run on AWS resources?

O AWS Application Discovery service

O AWS Marketplace

O Resource Groups

O AWS Amplify

Question 38: Which of the following is the responsibility of AWS according to the AWS Shared Responsibility Model?

O Securing access to AWS resources

O Performing auditing tasks

O Monitoring AWS resources usage

O Securing regions and edge locations

Question 39: What is the Amazon ElastiCache service used for? (Choose TWO)

□ Improve web application performance

□ Distribute requests to multiple instances

□ Provide a Chef-compatible cache to speed up application response

□ Stream desktop applications from the cloud to user devices

□ Provide an in-memory data storage service

Question 40: Which AWS services allow users to run SQL queries against data stored in Amazon S3? (Choose TWO)

□ Amazon RDS

□ Amazon Redshift Spectrum

□ Amazon Athena

□ Amazon Comprehend

□ AWS Shield

Question 41: Who is responsible for scaling a DynamoDB database in the AWS Shared Responsibility Model?

O Your internal DevOps team

O Your development team

O Your security team

O AWS

Question 42: What is the maximum amount of data that can be stored in S3 in a single AWS account?

O 10 Exabytes

O Virtually unlimited storage

O 5 TeraBytes

O 100 PetaBytes

Question 43: ​The elasticity of the AWS Cloud enables customers to save costs when compared to traditional hosting providers. What can AWS customers do to benefit from the elasticity of the AWS Cloud? (Choose TWO)

□ Deploy your resources in another region

□ Use Amazon EC2 Auto Scaling

□ Use Serverless Computing whenever possible

□ Use Elastic Load Balancing

□ Deploy your resources across multiple Availability Zones

Question 44: Which of the following AWS services integrates with AWS Shield and AWS Web Application Firewall (AWS WAF) to protect against network and application layer DDoS attacks?

O Amazon CloudFront

O AWS Secrets Manager

O AWS Systems Manager

O Amazon EFS

Question 45: Which of the following resources can an AWS customer use to learn more about prohibited uses of the services offered by AWS?

O AWS Service Control Policies (SCPs)

O AWS Artifact

O AWS Acceptable Use Policy

O AWS Budgets

Question 46: Which of the following services is used when encrypting EBS volumes?

O AWS KMS

O AWS WAF

O Amazon GuardDuty

O Amazon Macie

Question 47: Which of the following are part of the seven design principles for security in the cloud? (Choose TWO)

□ Use IAM roles to grant temporary access instead of long-term credentials

□ Never store sensitive data in the cloud

□ Use manual monitoring techniques to protect your AWS resources

□ Enable real-time traceability

□ Scale horizontally to protect from failures

Question 48: What are some of the benefits of using On-Demand EC2 instances? (Choose TWO)

□ You can increase or decrease your compute capacity depending on the demands of your application

□ They remove the need to buy “safety net” capacity to handle periodic traffic spikes

□ They provide free capacity when testing your new applications

□ They only require 1-2 days for setup and configuration

□ They are cheaper than all other EC2 options

Question 49: What are the benefits of the AWS Organizations service? (Choose TWO)

□ Control access to AWS services

□ Consolidate billing across multiple AWS accounts

□ Help organizations achieve their desired business outcomes with AWS

□ Help organizations design and maintain an accelerated path to successful cloud adoption

□ Manage your organization’s payment methods

Question 50: You are working as a site reliability engineer (SRE) in an AWS environment, which of the following services helps monitor your applications?

O Amazon CloudHSM

O Amazon Elastic MapReduce

O Amazon CloudSearch

O Amazon CloudWatch

Question 51: Engineers are wasting a lot of time and effort managing batch computing software in traditional data centers. Which of the following AWS services allows them to easily run thousands of batch computing jobs?

O Lambda@Edge

O AWS Batch

O Amazon EC2

O AWS Fargate

Question 52: You have just finished writing your application code. Which service can be used to automate the deployment and scaling of your application?

O AWS CodeCommit

O Amazon Simple Storage Service

O AWS Elastic Beanstalk

O Amazon CodeGuru

Question 53: Which of the following factors affect Amazon CloudFront cost? (Choose TWO)

□ Instance type

□ Number of Volumes

□ Traffic Distribution

□ Storage Class

□ Number of Requests

Question 54: Which of the following can be used to protect websites not hosted on AWS?

O AWS Network ACLs

O AWS WAF

O AWS Ground Station

O AWS Security Groups

Question 55: Which statement is true in relation to security in AWS?

O Server-side encryption is the responsibility of AWS

O For serverless data stores such as Amazon S3, the customer is responsible for patching the operating system

O AWS customers are responsible for patching any database software running on Amazon EC2

O AWS is responsible for the security of your application

Question 56: Amazon EC2 instances are conceptually very similar to traditional servers. However, using Amazon EC2 server instances in the same manner as traditional hardware server instances is only a starting point. What are the main benefits of using the AWS EC2 instances instead of traditional servers? (Choose TWO)

□ Provides your business with a seamless remote accessibility

□ Can be scaled manually in a shorter period of time

□ Prevents unauthorized users from getting into your network

□ Improves Fault-Tolerance

□ Provides automatic data backups

Question 57: Which pillar of the AWS Well-Architected Framework provides recommendations to help customers select the right compute resources based on workload requirements?

O Security

O Performance Efficiency

O Reliability

O Operational Excellence

Question 58: Which AWS service provides the EASIEST way to set up and manage a secure, well-architected, multi-account AWS environment?

O AWS Security Hub

O AWS Systems Manager Patch Manager

O AWS Control Tower

O Amazon Macie

Question 59: How can you increase your application’s fault-tolerance while it is being hosted in AWS?

O Host your application on one powerful EC2 instance type instead of multiple smaller instances

O Deploy your application across multiple Availability Zones

O Deploy the underlying application resources across multiple subnets

O Deploy your application across multiple EC2 instances

Question 60: You are working as a web app developer. You are currently facing issues in media playback for mobile devices because your media format is not supported. Which of the following AWS services can help you convert your media into another format?

O Amazon Rekognition

O Amazon S3

O Amazon Pinpoint

O Amazon Elastic Transcoder

Question 61: Which of the following security resources are available to any user for free? (Choose TWO)

□ AWS Bulletins

□ AWS TAM

□ AWS Support API

□ AWS Security Blog

□ AWS Classroom Training

Question 62: Which of the following services enables you to easily generate and use your own encryption keys in the AWS Cloud?

O AWS Shield

O AWS WAF

O AWS CloudHSM

O AWS Certificate Manager

Question 63: Each AWS Region is composed of multiple Availability Zones. Which of the following best describes what an Availability Zone is?

O It is a collection of Local Zones designed to be completely isolated from each other

O It is a distinct location within a region that is insulated from failures in other Availability Zones

O It is a collection of data centers distributed in multiple countries

O It is a logically isolated network of the AWS Cloud

Question 64: Which of the following procedures can reduce latency when your end users are retrieving data? (Choose TWO)

□ Reduce the size of media assets using the Amazon Elastic Transcoder

□ Replicate media assets to at least two availability zones

□ Store media assets in S3 and use CloudFront to distribute these assets

□ Store media assets in the region closest to your end users

□ Store media assets on an additional EBS volume and increase the capacity of your server

Question 65: Which of the following actions may reduce Amazon EBS costs? (Choose TWO)

□ Changing the type of the volume

□ Deleting unused Bucket ACLs

□ Distributing requests to multiple volumes

□ Using reservations

□ Deleting unnecessary snapshots