Question 1: A company needs to host a database in Amazon RDS for at least three years. Which of the following options would be the most cost-effective solution?

O Spot Instances

O Reserved instances - No Upfront

O Reserved instances - Partial Upfront

O On-Demand instances

Question 2: Your company is designing a new application that will store and retrieve photos and videos. Which of the following services should you recommend as the underlying storage mechanism?

O Amazon SQS

O Amazon EBS

O Amazon S3

O Amazon Instance store

Question 3: Which of the following should be considered when performing a TCO analysis to compare the costs of running an application on AWS instead of on-premises?

O Physical hardware

O Market research

O Business analysis

O Application development

Question 4: What is the AWS service\feature that takes advantage of Amazon CloudFront’s globally distributed edge locations to transfer files to S3 with higher upload speeds?

O AWS Snowmobile

O AWS Snowball

O AWS WAF

O S3 Transfer Acceleration

Question 5: Which of the following services will help businesses ensure compliance in AWS?

O CloudWatch

O CloudEndure Migration

O CloudTrail

O CloudFront

Question 6: Which of the following is one of the benefits of moving infrastructure from an on-premises data center to AWS?

O Free support for all enterprise customers

O Automatic data protection

O AWS holds responsibility for managing customer applications

O Reduced Capital Expenditure (CapEx)

Question 7: Which of the following AWS services is designed with native Multi-AZ fault tolerance in mind? (Choose TWO)

□ Amazon Simple Storage Service

□ Amazon DynamoDB

□ Amazon EBS

□ AWS Snowball

□ Amazon Redshift

Question 8: What are the AWS services\features that can help you maintain a highly available and fault-tolerant architecture in AWS? (Choose TWO)

□ CloudFormation

□ Network ACLs

□ Elastic Load Balancer

□ Amazon EC2 Auto Scaling

□ AWS Direct Connect

Question 9: Which of the following aspects of security are managed by AWS? (Choose TWO)

□ VPC security

□ Access permissions

□ Securing global physical infrastructure

□ Hardware patching

□ Encryption of EBS volumes

Question 10: Which of the following services allows you to run containerized applications on a cluster of EC2 instances?O AWS Cloud9

O AWS Data Pipeline

O AWS Health Dashboard

O Amazon ECS

Question 11: Amazon S3 Glacier Flexible Retrieval is an Amazon S3 storage class that is suitable for storing \_\_\_\_\_\_\_\_\_\_\_\_ & \_\_\_\_\_\_\_\_\_\_\_\_\_\_. (Choose TWO)

□ Dynamic websites’ assets

□ Long-term analytic data

□ Active archives

□ Active databases

□ Cached data

Question 12: A company has business critical workloads hosted on AWS and they are unwilling to accept any downtime. Which of the following is a recommended best practice to protect their workloads in the event of an unexpected natural disaster?

O Replicate data across multiple Edge Locations worldwide and use Amazon CloudFront to perform automatic failover in the event of an outage

O Deploy AWS resources across multiple Availability Zones within the same AWS Region

O Deploy AWS resources to another AWS Region and implement an Active-Active disaster recovery strategy

O Create point-in-time backups in another subnet and recover this data when a disaster occurs

Question 13: A company has deployed a new web application on multiple Amazon EC2 instances. Which of the following should they use to ensure that the incoming HTTP traffic is distributed evenly across the instances?

O AWS Auto Scaling

O AWS Network Load Balancer

O AWS EC2 Auto Recovery

O AWS Application Load Balancer

Question 14: What are two advantages of using Cloud Computing over using traditional data centers? (Choose TWO)

□ Dedicated hosting

□ Virtualized compute resources

□ Eliminating Single Points of Failure (SPOFs)

□ Reserved Compute capacity

□ Distributed infrastructure

Question 15: Which of the following procedures will help reduce your Amazon S3 costs?

O Use the Import/Export feature to move old files automatically to Amazon Glacier

O Pick the right Availability Zone for your S3 bucket

O Move all the data stored in S3 standard to EBS

O Use the right combination of storage classes based on different use cases

Question 16: A company has created a solution that helps AWS customers improve their architectures on AWS. Which AWS program may support this company?

O APN Technology Partners

O AWS TAM

O APN Consulting Partners

O AWS Professional Services

Question 17: You are working on two projects that require completely different network configurations. Which AWS service or feature will allow you to isolate resources and network configurations?

O Internet gateways

O Amazon CloudFront

O Virtual Private Cloud

O Security Groups

Question 18: Based on the AWS Shared Responsibility Model, which of the following are the sole responsibility of AWS? (Choose TWO)

□ Hardware maintenance

□ Monitoring network performance

□ Installing software on EC2 instances

□ Configuring Access Control Lists (ACLs)

□ Creating hypervisors

Question 19: What are the Amazon RDS features that can be used to improve the availability of your database? (Choose TWO)

□ AWS Regions

□ Automatic patching

□ Multi-AZ Deployment

□ Edge Locations

□ Read Replicas

Question 20: Which of the following is equivalent to a user name and password and is used to authenticate your programmatic access to AWS services and APIs?

O Instance Password

O Access Keys

O Key pairs

O MFA

Question 21: What is the AWS serverless service that allows you to run your applications without any administrative burden?

O Amazon RDS instances

O Amazon LightSail

O AWS Lambda

O Amazon EC2 instances

Question 22: Which of the following are important design principles you should adopt when designing systems on AWS? (Choose TWO)

□ Treat servers as fixed resources

□ Always use Global Services in your architecture rather than Regional Services

□ Always choose to pay as you go

□ Automate wherever possible

□ Remove single points of failure

Question 23: Your application has recently experienced significant global growth, and international users are complaining of high latency. What is the AWS characteristic that can help improve your international users’ experience?

O Global reach

O Elasticity

O High availability

O Data durability

Question 24: Which AWS services can be used to improve the performance of a global application and reduce latency for its users? (Choose TWO)

□ Amazon CloudFront

□ AWS Global accelerator

□ AWS Direct Connect

□ AWS Glue

□ AWS KMS

Question 25: What is the AWS data warehouse service that supports a high level of query performance on large amounts of datasets?

O Amazon Kinesis

O Amazon RDS

O Amazon DynamoDB

O Amazon Redshift

Question 26: Sarah has deployed an application in the Northern California (us-west-1) region. After examining the application’s traffic, she notices that about 30% of the traffic is coming from Asia. What can she do to reduce latency for the users in Asia?

O Recreate the website content

O Migrate the application to a hosting provider in Asia

O Create a CDN using CloudFront, so that content is cached at Edge Locations close to and in Asia

O Replicate the current resources across multiple Availability Zones within the same region

Question 27: According to the AWS Shared responsibility model, which of the following are the responsibility of the customer? (Choose TWO)

□ Ensuring that the underlying EC2 host is configured properly

□ Controlling physical access to AWS Regions

□ Managing environmental events of AWS data centers

□ Protecting the confidentiality of data in transit in Amazon S3

□ Patching applications installed on Amazon EC2

Question 28: What does Amazon ElastiCache provide?O In-memory caching for read-heavy applications

O An online software store that allows Customers to launch pre-configured software with just few clicks

O A domain name system in the cloud

O An Ehcache compatible in-memory data store

Question 29: Savings Plans are available for which of the following AWS compute services? (Choose TWO)

□ Amazon EC2

□ AWS Batch

□ AWS Lambda

□ Amazon Lightsail

□ AWS Outposts

Question 30: Which of the following activities may help reduce your AWS monthly costs? (Choose TWO)

□ Creating a lifecycle policy to move infrequently accessed data to less expensive storage tiers

□ Deploying your AWS resources across multiple Availability Zones

□ Enabling Amazon EC2 Auto Scaling for all of your workloads

□ Using the AWS Network Load Balancer (NLB) to load balance the incoming HTTP requests

□ Removing all of your Cost Allocation Tags

Question 31: A company has a large amount of structured data stored in their on-premises data center. They are planning to migrate all the data to AWS, what is the most appropriate AWS database option?

O Amazon RDS

O Amazon DynamoDB

O Amazon SNS

O Amazon ElastiCache

Question 32: Jessica is managing an e-commerce web application in AWS. The application is hosted on six EC2 instances. One day, three of the instances crashed; but none of her customers were affected. What has Jessica done correctly in this scenario?

O She has properly built a scalable system

O She has properly built an encrypted system

O She has properly built an elastic system

O She has properly built a fault tolerant system

Question 33: Which of the following AWS offerings is a MySQL-compatible relational database service that can scale capacity automatically based on demand?

O Amazon RDS for SQL Server

O Amazon Neptune

O Amazon Aurora

O Amazon RDS for PostgreSQL

Question 34: What is the AWS service that enables you to manage all of your AWS accounts from a single master account?

O AWS Organizations

O AWS WAF

O AWS Trusted Advisor

O Amazon Config

Question 35: Which of the following will impact the price paid for an EC2 instance? (Choose TWO)

□ Load balancing

□ The Availability Zone where the instance is provisioned

□ Number of private IPs

□ Number of buckets

□ Instance type

Question 36: Which of the following EC2 instance purchasing options supports the Bring Your Own License (BYOL) model for almost every BYOL scenario?

O Dedicated Instances

O Dedicated Hosts

O On-demand Instances

O Reserved Instances

Question 37: Which statement best describes the operational excellence pillar of the AWS Well-Architected Framework?

O The efficient use of computing resources to meet requirements

O The ability to manage datacenter operations more efficiently

O The ability to monitor systems and improve supporting processes and procedures

O The ability of a system to recover gracefully from failure

Question 38: Where can you store files in AWS?  (Choose TWO)

□ Amazon EFS

□ Amazon SNS

□ Amazon EBS

□ Amazon ECS

□ Amazon EMR

Question 39: ​ What is the AWS service that performs automated network assessments of Amazon EC2 instances to check for vulnerabilities?

O Amazon Kinesis

O Amazon Inspector

O Security groups

O AWS Network Access Control Lists

Question 40: AWS has created a large number of Edge Locations as part of its Global Infrastructure. Which of the following is NOT a benefit of using Edge Locations?

O Edge locations are used by CloudFront to improve your end users’ experience when uploading files

O Edge locations are used by CloudFront to distribute traffic across multiple instances to reduce latency

O Edge locations are used by CloudFront to distribute content to global users with low latency

O Edge locations are used by CloudFront to cache the most recent responses

Question 41: Which AWS Service can be used to establish a dedicated, private network connection between AWS and your datacenter?

O Amazon Route 53

O Amazon CloudFront

O AWS Direct Connect

O AWS Snowball

Question 42: What is the primary storage service used by Amazon RDS database instances?

O AWS Storage Gateway

O Amazon EBS

O Amazon S3

O Amazon EFS

Question 43: Which of the following services can help protect your web applications from SQL injection and other vulnerabilities in your application code?O Amazon Aurora

O Amazon Cognito

O AWS IAM

O AWS WAF

Question 44: A company is developing a new application using a microservices framework. The new application is having performance and latency issues. Which AWS Service should be used to troubleshoot these issues?

O AWS CodePipeline

O AWS CloudTrail

O AWS X-Ray

O Amazon Inspector

Question 45: What is the AWS service that provides you the highest level of control over the underlying virtual infrastructure?

O Amazon EC2

O Amazon Redshift

O Amazon DynamoDB

O Amazon RDS

Question 46: Using Amazon EC2 falls under which of the following cloud computing models?

O PaaS

O IaaS & SaaS

O IaaS

O SaaS

Question 47: Using Amazon RDS falls under the shared responsibility model. Which of the following are customer responsibilities? (Choose TWO)

□ Patching the database software

□ Managing the database settings

□ Building the relational database schema

□ Performing backups

□ Installing the database software

Question 48: Which of the following describes the payment model that AWS makes available for customers who consistently use Amazon EC2 over a 3-year term to reduce their total computing costs?

O Pay as you go

O Pay less by using more

O Save when you commit

O Pay less as AWS grows

Question 49: What are the default security credentials that are required to access the AWS management console for an IAM user account?

O Security tokens

O A user name and password

O Access keys

O MFA

Question 50: An organization needs to analyze and process a large number of data sets. Which AWS service should they use?

O Amazon EMR

O Amazon SNS

O Amazon SQS

O Amazon MQ

Question 51: How are AWS customers billed for Linux-based Amazon EC2 usage?

O EC2 instances will be billed on one minute increments, with a minimum of one hour

O EC2 instances will be billed on one hour increments, with a minimum of one day

O EC2 instances will be billed on one day increments, with a minimum of one month

O EC2 instances will be billed on one second increments, with a minimum of one minute

Question 52: What are the connectivity options that can be used to build hybrid cloud architectures? (Choose TWO)

□ AWS CloudTrail

□ AWS VPN

□ AWS Artifact

□ AWS Cloud9

□ AWS Direct Connect

Question 53: What does Amazon Elastic Beanstalk provide?

O A scalable file storage solution for use with AWS and on-premises servers

O A PaaS solution to automate application deployment

O A compute engine for Amazon ECS

O A NoSQL database service

Question 54: What are the change management tools that helps AWS customers audit and monitor all resource changes in their AWS environment? (Choose TWO)

□ Amazon Comprehend

□ AWS CloudTrail

□ AWS X-Ray

□ AWS Config

□ AWS Transit Gateway

Question 55: In your on-premises environment, you can create as many virtual servers as you need from a single template. What can you use to perform the same in AWS?

O AMI

O EBS Snapshot

O An internet gateway

O IAM

Question 56: Which statement is correct with regards to AWS service limits? (Choose TWO)

□ There are no service limits on AWS

□ You can contact AWS support to increase the service limits

□ Each IAM user has the same service limits

□ You can use the AWS Trusted Advisor to monitor your service limits

□ The Amazon Simple Email Service is responsible for sending email notifications when usage approaches a service limit

Question 57: Which AWS service can be used to store and reliably deliver messages across distributed systems?

O Amazon Simple Storage Service

O AWS Storage Gateway

O Amazon Simple Email Service

O Amazon Simple Queue Service

Question 58: Under the Shared Responsibility Model, which of the following controls do customers fully inherit from AWS? (Choose TWO)

□ Physical controls

□ Environmental controls

□ Awareness & Training

□ Patch management controls

□ Database controls

Question 59: A company is migrating its on-premises database to Amazon RDS. What should the company do to ensure Amazon RDS costs are kept to a minimum?

O Use a Multi-Region Active-Passive architecture

O Right-size before and after migration

O Combine On-demand Capacity Reservations with Saving Plans

O Use a Multi-Region Active-Active architecture

Question 60: Which of the following AWS services can be used as a compute resource? (Choose TWO)

□ Amazon EC2

□ AWS Lambda

□ Amazon S3

□ Amazon CloudWatch

□ Amazon VPC

Question 61: Which of the below is a best-practice when building applications on AWS?

O Decouple the components of the application so that they run independently

O Strengthen physical security by applying the principle of least privilege

O Use IAM policies to maintain performance

O Ensure that the application runs on hardware from trusted vendors

Question 62: An organization runs many systems and uses many AWS products. Which of the following services enables them to control how each developer interacts with these products?

O Amazon EMR

O Amazon RDS

O AWS Identity and Access  Management

O Network Access Control Lists

Question 63: Which of the following can help protect your EC2 instances from DDoS attacks? (Choose TWO)

□ AWS Batch

□ AWS IAM

□ Security Groups

□ AWS CloudHSM

□ Network Access Control Lists (Network ACLs)

Question 64: Which of the following AWS security features is associated with an EC2 instance and functions to filter incoming traffic requests?

O Network ACL

O AWS Systems Manager Session Manager

O VPC Flow logs

O Security Groups

Question 65: What is the AWS tool that enables you to use scripts to manage all AWS services and resources?

O AWS OpsWorks

O AWS CLI

O AWS Console

O AWS Service Catalog