Question 1: What does the term “Economies of scale” mean?

O It means that you have the ability to pay as you go

O It means that you save more when you consume more

O It means as more time passes using AWS, you pay more for its services

O It means that AWS will continuously lower costs as it grows

Question 2: Which AWS service collects metrics from running EC2 instances?

O Amazon Inspector

O AWS CloudTrail

O AWS CloudFormation

O Amazon CloudWatch

Question 3: Which of the following will affect how much you are charged for storing objects in S3? (Choose TWO)

□ The storage class used for the objects stored

□ The number of Access Control Lists (ACLs) attached to your S3 buckets

□ Creating and deleting S3 buckets

□ The total size in gigabytes of all objects stored

□ Using default encryption for any number of S3 buckets

Question 4: To protect against data loss, you need to backup your database regularly. What is the most cost-effective storage option that provides immediate retrieval of your backups?

O Amazon S3 Standard-Infrequent Access

O Instance Store

O Amazon EBS

O Amazon S3 Glacier Deep Archive

Question 5: A media company has an application that requires the transfer of large data sets to and from AWS every day. This data is business critical and should be transferred over a consistent connection. Which AWS service should the company use?

O AWS Direct Connect

O AWS Snowmobile

O Amazon Comprehend

O AWS VPN

Question 6: Which of the following is a cloud computing deployment model that connects infrastructure and applications between cloud-based resources and existing resources not located in the cloud?

O Cloud

O Hybrid

O On-premises

O Mixed

Question 7: A company has infrastructure hosted in an on-premises data center. They currently have an operations team that takes care of identity management. If they decide to migrate to the AWS cloud, which of the following services would help them perform the same role in AWS?

O AWS Outposts

O AWS Federation

O Amazon Redshift

O AWS IAM

Question 8: You are using several on-demand EC2 Instances to run your development environment. What is the best way to reduce your charges when these instances are not in use?

O Deleting all EBS volumes attached to the instances

O Stopping the instances

O Terminating the instances

O You cannot minimize charges for on-demand instances

Question 9: Amazon RDS supports multiple database engines to choose from. Which of the following is not one of them?

O Teradata

O PostgreSQL

O Oracle

O Microsoft SQL Server

Question 10: What kind of reports does AWS Cost Explorer provide by default?

O Reports about historical on-premises spending

O Reports about the results of AWS Trusted Advisor checks

O Detailed AWS usage reports delivered directly to an Amazon S3 bucket

O Reports about the utilization of Amazon EC2 Reserved Instances

Question 11: Which of the following are valid Amazon EC2 Reserved Instance types? (Choose TWO)

□ Convertible

□ Spot

□ Bulk

□ Standard

□ Expedited

Question 12: What does AWS Cost Explorer provide to help manage your spend?

O Consolidated billing

O Accurate estimates of AWS service costs based on your expected usage

O Highly accurate cost forecasts for up to 12 months ahead

O Detailed reports about the utilization of on-premises servers

Question 13: Why are Serverless Architectures more economical than Server-based Architectures?

O With the Server-based Architectures, compute resources continue to run all the time but with serverless architecture, compute resources are only used when code is being executed

O When you reserve serverless capacity, you will get large discounts compared to server reservation

O Serverless Architectures use new powerful computing devices

O With Serverless Architectures you have the ability to scale automatically up or down as demand changes

Question 14: You want to create a backup of your data in another geographical location. Where should you create this backup?

O In another Region

O In another Availability Zone

O In another Local Zone

O In another Edge location

Question 15: You manage a blog on AWS that has different environments: development, testing, and production. What can you use to create a custom console for each environment to view and manage your resources easily?

O AWS Management Console

O AWS Tag Editor

O AWS Resource Groups

O AWS Placement Groups

Question 16: You are facing a lot of problems with your current contact center. Which service provides a cloud-based contact center that can deliver a better service for your customers?

O Amazon Connect

O AWS PrivateLink

O Amazon Lightsail

O AWS Direct Connect

Question 17: What are some key benefits of using AWS CloudFormation? (Choose TWO)

□ It applies advanced IAM security features automatically

□ It allows you to model your entire infrastructure in just a text file

□ It compiles and builds application code in a timely manner

□ It automates the provisioning and updating of your infrastructure in a safe and controlled manner

□ It helps AWS customers deploy their applications without worrying about the underlying infrastructure

Question 18: Who from the following will get the largest discount?

O A user who chooses to buy Reserved, Standard, No upfront instances

O A user who chooses to buy On-demand, Convertible, Partial upfront instances

O A user who chooses to buy Reserved, Standard, All upfront instances

O A user who chooses to buy Reserved, Convertible, All upfront instances

Question 19: You want to transfer 200 Terabytes of data from on-premises locations to the AWS Cloud, which of the following can do the job in a cost-effective way?

O AWS DMS

O AWS Snowball

O AWS Snowmobile

O AWS DataSync

Question 20: Which of the following services allows you to install and run custom relational database software?

O Amazon EC2

O Amazon Cognito

O Amazon Inspector

O Amazon RDS

Question 21: Which of the following is a feature of Amazon RDS that performs automatic failover when the primary database fails to respond?

O RDS Snapshots

O RDS Write Replica

O RDS Multi-AZ

O RDS Single-AZ

Question 22: Which of the following services provide real-time auditing for compliance and vulnerabilities? (Choose TWO)

□ AWS Config

□ Amazon Cognito

□ AWS Trusted Advisor

□ Amazon Redshift

□ Amazon MQ

Question 23: ​ What are some key design principles for designing public cloud systems? (Choose TWO)

□ Disposable resources instead of fixed servers

□ Multi-AZ deployments instead of multi-region deployments

□ Loose coupling over tight coupling

□ Reserved capacity instead of on demand

□ Servers instead of managed services

Question 24: An organization needs to build a financial application that requires support for ACID transactions. Which AWS database service is most appropriate in this case?

O RDS

O CloudHSM

O RedShift

O DMS

Question 25: Which of the following AWS services uses Puppet to automate how EC2 instances are configured?

O AWS OpsWorks

O AWS CloudTrail

O AWS CloudFormation

O AWS Quick Starts

Question 26: Which of the following S3 storage classes is most appropriate to host static assets for a popular e-commerce website with stable access patterns?

O S3 Intelligent-Tiering

O S3 Standard

O S3 Standard-IA

O S3 Glacier Deep Archive

Question 27: What is the main benefit of the AWS Storage Gateway service?

O It automates the process of building, maintaining, and running ETL jobs

O It allows integration of on-premises IT environments with Cloud Storage

O It provides hardware-based key storage for regulatory compliance

O It provides physical devices to migrate data from on premises to AWS

Question 28: What does the Amazon CloudFront service provide? (Choose TWO)

□ Increases application availability by caching at the edge

□ Tracks user activity and API usage

□ Simplifies online data migrations from on-premises data centers to AWS

□ Enables faster disaster recovery

□ Delivers content to end users with low latency

Question 29: For Amazon RDS databases, what does AWS perform on your behalf? (Choose TWO)

□ Management of firewall rules

□ Network traffic protection

□ Access management

□ Database setup

□ Management of the operating system

Question 30: Which service can you use to route traffic to the endpoint that provides the best application performance for your users worldwide?

O AWS DAX Accelerator

O AWS Data Pipeline

O AWS Global Accelerator

O AWS Transfer Acceleration

Question 31: For new AWS customers, what is the EASIEST way to launch a simple WordPress website on AWS?

O Host the website directly on AWS Cloud Development Kit (AWS CDK)

O Use the Amazon S3 Web hosting feature

O Install WordPress on an Amazon EC2 instance

O Run WordPress on an Amazon Lightsail instance

Question 32: What can you use to assign permissions directly to an IAM user?

O IAM Policy

O IAM User Group

O IAM Role

O IAM Identity

Question 33: Which of the following are use cases for Amazon EMR? (Choose TWO)

□ Enables you to easily run and scale Apache Spark, Hadoop,and other Big Data frameworks

□ Enables you to easily run and manage Docker containers

□ Enables you to move Exabyte-scale data from on-premises datacenters into AWS

□ Enables you to analyze and process extremely large amounts of data in a timely manner

□ Enables you to backup extremely large amounts of data at very low costs

Question 34: You have just set up your AWS environment and have created six IAM user accounts for the DevOps team. What is the AWS recommendation when granting permissions to these IAM accounts?

O Attach a separate IAM policy for each individual account

O For security purposes, you should not grant any permission to the DevOps team

O Apply the Principle of Least Privilege

O Create six different IAM passwords

Question 35: Which of the following has the greatest impact on cost? (Choose TWO)

□ Compute charges

□ Data Transfer In charges

□ ​The number of services used

□ The number of IAM roles provisioned

□ Data Transfer Out charges

Question 36: Which of the following are factors should be considered for Amazon EBS pricing? (Choose TWO)

□ The amount of data you have stored in snapshots

□ The size of volumes provisioned per month

□ The compute capacity you consume

□ The compute time you consume

□ The number of Snowball storage devices you request

Question 37: An organization uses a hybrid cloud architecture to run their business. Which AWS service enables them to deploy their applications to any AWS or on-premises server?

O Amazon QuickSight

O Amazon Athena

O Amazon Kinesis

O AWS CodeDeploy

Question 38: Which of the following services gives you access to all AWS auditor-issued reports and certifications?

O Amazon CloudWatch

O AWS Artifact

O AWS CloudTrail

O AWS Config

Question 39: For compliance and regulatory purposes, a government agency requires that their applications must run on hardware that is dedicated to them only. How can you meet this requirement?

O Use EC2 Dedicated Hosts

O Use EC2 Reserved Instances

O Use EC2 On-demand Instances

O Use EC2 Spot Instances

Question 40: Which of the below options is true of Amazon VPC?

O AWS is responsible for all the management and configuration details of Amazon VPC

O Amazon VPC helps customers to review their AWS architecture and adopt best practices

O AWS Customers have complete control over their Amazon VPC virtual networking environment

O ​Amazon VPC allows customers to control user interactions with all other AWS resources

Question 41: Which statement best describes the AWS Pay-As-You-Go pricing model?

O With AWS, you replace low upfront expenses with large fixed payments

O With AWS, you replace large upfront expenses with low fixed payments

O With AWS, you replace low upfront expenses with large variable payments

O With AWS, you replace large capital expenses with low variable payments

Question 42: Your web application currently faces performance issues and suffers from long load times. Which of the following AWS services could help fix these issues and improve performance?

O Amazon Detective

O AWS Shield

O AWS X-Ray

O AWS Security Hub

Question 43: You have a real-time IoT application that requires sub-millisecond latency. Which of the following services should you use?

O Amazon Athena

O AWS Cloud9

O Amazon Redshift

O Amazon ElastiCache for Redis

Question 44: The owner of an E-Commerce application notices that the compute capacity requirements vary heavily from time to time. What makes AWS more economical than traditional data centers for this type of application?

O AWS allows customers to pay upfront to get bigger discounts

O AWS allows customers to choose cheaper types of EC2 instances that best fit their needs

O AWS allows customers to launch powerful EC2 instances to handle spikes in load

O AWS allows customers to launch and terminate EC2 instances based on demand

Question 45: Which of the below options are use cases of the Amazon Route 53 service? (Choose TWO)

□ Detects configuration changes in the AWS environment

□ Provides performance optimization recommendations

□ ​Point-to-point connectivity between an on-premises data center and AWS

□ Manages global application traffic through a variety of routing types

□ ​DNS configuration and management

Question 46: Which of the following strategies helps protect your AWS root account?

O Access the root account only from your personal Mobile Phone

O Only share your AWS account password or access keys with trusted persons

O Delete root user access keys if you do not need them

O Apply MFA for the root account and use it for all of your work

Question 47: A company experiences fluctuations in traffic patterns to their e-commerce website when running flash sales. What service can help the company dynamically match the required compute capacity to handle spikes in traffic during flash sales?

O Amazon ElastiCache

O Amazon Elastic Compute Cloud

O Amazon Elastic File System

O AWS Auto Scaling

Question 48: Which of the following can help secure your sensitive data in Amazon S3? (Choose TWO)

□ Encrypt the data prior to uploading it

□ With AWS you do not need to worry about encryption

□ Enable S3 Encryption

□ Delete the encryption keys once your data is encrypted

□ Delete all IAM users that have access to S3

Question 49: A company is hosting business critical workloads in an AWS Region. To protect against data loss and ensure business continuity, a mirror image of the current AWS environment should be created in another AWS Region. Company policy requires that the standby environment must be available in minutes in case of an outage in the primary AWS Region. Which AWS services can be used to meet these requirements? (Choose TWO)

□ CloudEndure Disaster Recovery

□ AWS Backup

□ AWS Elastic Disaster Recovery

□ AWS Glue

□ AWS Application Migration Service

Question 50: You have migrated your application to AWS recently. How can you view the AWS costs applied to your account?

O Using the AWS Cost & Usage Report

O Using the Amazon AppStream 2.0 dashboard

O Using the AWS CloudWatch logs dashboard

O Using the Amazon VPC dashboard

Question 51: Where can AWS account owners get a list of all users in their account, including the status of their AWS credentials?

O IAM Credential Report

O AWS CloudTrail Trails

O AWS Cost and Usage Report

O AWS Artifact reports

Question 52: Which of the following is an available option when purchasing Amazon EC2 instances?

O The ability to buy Dedicated Instances for up to 90% discount

O The ability to pay upfront to get lower hourly costs

O The ability to bid to get the lowest possible prices

O The ability to register EC2 instances to get volume discounts on every hour the instances are running

Question 53: What best describes penetration testing?

O Testing your software for bugs and errors

O Testing your network to find security vulnerabilities that an attacker could exploit

O Testing your instances to check for the unhealthy ones

O Testing your application’s response time from different locations

Question 54: Your application requirements for CPU and RAM are changing in an unpredictable way. Which service can be used to dynamically adjust these resources based on load?

O ELB

O Amazon Elastic Container Service

O Auto Scaling

O Amazon Route53

Question 55: Which of the following AWS services would help you migrate on-premise databases to AWS?

O AWS Directory Service

O Amazon S3 Transfer Acceleration

O AWS DMS

O AWS Transit Gateway

Question 56: A company wants to replace its traditional desktops with Cloud desktops and enable Work-From-Home for its employees. The virtualized desktops must be persistent and can be accessed from anywhere. Which AWS service will meet these requirements?

O Amazon WorkSpaces

O AWS Wavelength Zones

O AWS Local Zones

O Amazon AppStream 2.0

Question 57: Your CTO has asked you to contact AWS support using the chat feature to ask for guidance related to EBS. However, when you open the AWS support center you can't see a way to contact support via Chat. What should you do?

O The chat feature is available for all plans for an additional fee, but you have to request it first

O ​Upgrade from the Basic Support plan to Developer Support

O At a minimum, upgrade to Business support plan

O There is no chat feature in AWS support

Question 58: Which of the following would you use to manage your encryption keys in the AWS Cloud? (Choose TWO)

□ AWS CodeCommit

□ AWS KMS

□ AWS CodeDeploy

□ CloudHSM

□ AWS Certificate Manager

Question 59: You need to migrate a large number of on-premises workloads to AWS. Which AWS service is the most appropriate?

O AWS Database Migration Service

O AWS Application Discovery Service

O AWS Server Migration Service

O AWS File Transfer Acceleration

Question 60: Which of the following compute resources are serverless? (Choose TWO)

□ Amazon Lightsail

□ AWS Fargate

□ Amazon ECS

□ AWS Lambda

□ Amazon EC2

Question 61: A developer wants to quickly deploy and manage his application in the AWS Cloud, but he doesn’t have any experience with cloud computing. Which of the following AWS services would help the developer achieve his goal?

O Amazon Personalize

O AWS Amplify

O AWS Fargate

O AWS Elastic Beanstalk

Question 62: Select the services that provide serverless and server-based compute options: (Choose TWO)

□ Amazon EMR

□ Amazon Redshift

□ Amazon DynamoDB

□ AWS Lambda

□ AWS Fargate

Question 63: Which AWS service helps developers compile and test their code?

O CloudEndure

O AWS CodeBuild

O AWS CodeCommit

O AWS CodeDeploy

Question 64: Which of the following strategies help analyze costs in AWS?

O Deploying resources of the same type in different regions

O Using tags to group resources

O Configuring Amazon Inspector to automatically analyze costs and email reports

O Using AWS CloudFormation to automate the deployment of resources

Question 65: Which statement is true in relation to the security of Amazon EC2?

O You should regularly patch the operating system and applications on your EC2 instances

O You can track all API calls using Amazon Athena

O You should use instance store volumes to store login data

O You should deploy critical components of your application in the Availability Zone that you trust