Question 1: Per the AWS Shared Responsibility Model, management of which of the following AWS services is the responsibility of the customer?

O Amazon DynamoDB

O AWS Elastic Beanstalk

O Amazon Elastic Compute Cloud (Amazon EC2)

O Amazon Simple Storage Service (Amazon S3)

Question 2: Which of the following represents the correct scenario where an Auto Scaling group's (ASG) predictive scaling can be effectively used to maintain the required number of AWS resources?

O To manage a fixed number of resources in the Auto Scaling group

O To manage a workload that exhibits recurring load patterns that are specific to the day of the week or the time of day

O To help configure a scaling policy to keep the average aggregate CPU utilization of your Auto Scaling group at 40 percent

O To help configure a CloudWatch Amazon SQS metric like ApproximateNumberOfMessagesVisible for scaling the group based on the value of the metric

Question 3: Which of the following AWS services will help provision a logically isolated network for your AWS resources?

O AWS PrivateLink

O Amazon Route 53

O Amazon Virtual Private Cloud (Amazon VPC)

O AWS Firewall Manager

Question 4: Which of the following statements are true about AWS Regions and Availability Zones (AZs)? (Select two)

□ All traffic between AZ’s is encrypted

□ An Availability Zone is a physical location where AWS clusters the data centers

□ Traffic between AZ’s is not encrypted by default, but can be configured from AWS console

□ Each AWS Region consists of multiple, isolated, and physically separate AZ's within a geographic area

□ AWS calls each group of logical data centers as AWS Regions

Question 5: A Security Group has been changed in an AWS account and the manager of the account has asked you to find out the details of the user who changed it. As a Cloud Practitioner, which AWS service will you use to fetch the necessary information?

O AWS X-Ray

O AWS Trusted Advisor

O AWS CloudTrail

O Amazon Inspector

Question 6: A healthcare company wants to implement a continuous replication based disaster recovery mechanism and provide fast, reliable recovery of physical, virtual, and cloud-based servers into AWS Cloud. Which of the following represents the best-fit solution for this use case?

O CloudCover Disaster Recovery

O CloudEndure Disaster Recovery

O AWS Snowball Edge

O AWS Storage Gateway

Question 7: Which free tool helps to review the state of your workloads and compares them to the latest AWS architectural best practices after you have answered a series of questions about your workload?

O AWS Technical Account Manager (TAM)

O AWS Well-Architected Tool

O AWS Trusted Advisor

O AWS Well-Architected Framework

Question 8: Which tool/service will help you get a forecast of your spending for the next 12 months?

O AWS Cost Explorer

O AWS Pricing Calculator

O AWS Marketplace

O Consolidated Billing of AWS Organizations

Question 9: AWS Support plans are designed to give the right mix of tools and access to expertise for successfully running a business using AWS.

Which support plan(s) offer the full set of checks for AWS Trusted Advisor best practices and also provide support for programmatic case management?

O Business and Enterprise support plans

O Business support plans after paying an additional fee and Enterprise support plans

O Developer, Business and Enterprise support plans

O Only Enterprise support plans

Question 10: An e-commerce company has its on-premises data storage on an NFS file system that is accessed in parallel by multiple applications. The company is looking at moving the applications and data stores to AWS Cloud.

Which storage service should the company use to move their files to AWS Cloud seamlessly if the application is hosted on Amazon EC2 instances?

O Amazon Simple Storage Service (Amazon S3)

O Amazon Elastic Block Store (EBS)

O Amazon Elastic File System (Amazon EFS)

O AWS Storage Gateway

Question 11: A supply chain company is looking for a database that provides a centrally verifiable history of all changes made to data residing in it. This functionality is critical for the product and needs to be available off-the-shelf without the need for any customizations.

Which of the following databases is the right choice for this use-case?

O Amazon Neptune

O Amazon Quantum Ledger Database

O Amazon Managed Blockchain

O Amazon Timestream

Question 12: A university provides access to AWS services for its students to submit their research data for analysis. The university is looking at a cost-effective approach for mitigating data loss or data corruption.

Which disaster recovery strategy is well-suited for this use case?

O Multi-site active/active strategy

O Pilot light strategy

O Warm standby strategy

O Backup and restore strategy

Question 13: A team lead is reviewing the AWS services that can be used in the development workflow for his company. Which of the following statements are correct regarding the capabilities of these AWS services? (Select three)

□ CodePipeline uses Amazon CloudWatch Events to detect changes in CodeCommit repositories used as a source for a pipeline

□ CodeBuild is directly integrated with both CodePipeline and CodeCommit

□ You can use AWS CodeStar and AWS Cloud9 to develop, build, and deploy a serverless web application

□ Each CodeStar project includes development tools, including AWS CodePipeline, AWS CodeCommit, AWS CodeBuild, and AWS CodeDeploy, that can be used on their own and with existing AWS applications

□ CodeCommit allows you to run builds and tests as part of your CodePipeline

□ AWS CodeStar is a cloud-based integrated development environment that lets you write, run, and debug your code with just a browser

Question 14: Which of the following are NoSQL database services from AWS? (Select two)

□ Amazon RDS

□ Amazon DocumentDB

□ Amazon Neptune

□ AWS Storage Gateway

□ Amazon Aurora

Question 15: A company provides you with a completed product that is run and managed by the company itself. As a customer, you only use the product without worrying about maintaining or managing the product.

Which cloud computing model does this kind of product belong to?

O Product as a Service (Paas)

O Software as a Service (SaaS)

O Infrastructure as a Service (IaaS)

O Platform as a Service (PaaS)

Question 16: Which feature/functionality will help you organize your AWS resources, manage and automate tasks on large numbers of resources at a time?

O AWS Resource Groups

O Tags

O Amazon WorkSpaces

O AWS Organizations

Question 17: A weather tracking application is built using Amazon DynamoDB. The performance of the application has been consistently good. But lately, the team has realized that during holidays and travel seasons, the load on the application is high and the read requests consume most of the database resources, thereby drastically increasing the overall application latency.

Which feature/service will help resolve this issue?

O DynamoDB Regulator

O Amazon ElastiCache

O DynamoDB Accelerator

O Amazon CloudFront

Question 18: Which of the following will help you control the incoming traffic to an Amazon EC2 instance?

O AWS Resource Group

O NACL (Network ACL)

O Security Group

O Route Table

Question 19: A company has defined a baseline that mentions the number of AWS resources to be used for different stages of application testing. However, the company realized that employees are not adhering to the guidelines and provisioning additional resources via API calls, resulting in higher testing costs.

Which AWS service will help the company raise alarms whenever the baseline resource numbers are crossed?

O AWS Config

O Amazon Detective

O AWS X-Ray

O AWS CloudTrail Insights

Question 20: Which of the following statements are correct regarding Amazon API Gateway? (Select two)

□ API Gateway does not yet support API result caching

□ If an API response is served by the cached data, it is not considered an API call for billing purposes

□ API Gateway can call an AWS Lambda function to create the front door of a serverless application

□ API Gateway can be configured to send data directly to Amazon Kinesis Data Stream

□ API Gateway creates RESTful APIs, Storage Gateway creates WebSocket APIs

Question 21: A blogging company is looking at an easy to use solution to host WordPress blogs. The company needs a cost-effective, readily available solution without the need to manage the configurations for servers or the databases.

Which AWS service will help you achieve this functionality?

O AWS Fargate

O Amazon Lightsail

O Host the application directly on Amazon S3

O Amazon Elastic Compute Cloud (EC2) with Amazon S3 for storage

Question 22: Due to regulatory guidelines, a company needs to encrypt data as it passes through the different layers of its AWS architecture. The company is reviewing the capabilities of the various AWS services and their encryption options.

Which of the below services are encrypted by default and need no user intervention to enable encryption?

O AWS Organizations, Amazon EC2, CloudTrail Logs

O CloudTrail Logs, S3 Glacier, AWS Storage Gateway

O CloudWatch logs, Application Load Balancer (ALB), S3 Glacier

O AWS Storage Gateway, Application Load Balancer (ALB), Amazon CloudFront

Question 23: AWS Support offers four support plans for its customers. Identify the features that are covered as part of the AWS Basic Support Plan? (Select two)

□ One-on-one responses to account and billing questions

□ Infrastructure event management

□ Use-case guidance – What AWS products, features, and services to use to best support your specific needs

□ Service health checks

□ Best practice guidance

Question 24: An e-commerce company needs to generate custom reports and graphs every week for analyzing the product sales data. The company is looking at a tool/service that will help them analyze this data using interactive dashboards with minimal effort. The dashboards also need to be accessible from any device.

Which AWS tool/service will you recommend for this use-case?

O Amazon Quicksight

O Amazon SageMaker

O AWS Glue

O Amazon Athena

Question 25: A company is planning to move their traditional CRM application running on MySQL to an AWS database service. Which database service is the right fit for this requirement?

O Amazon Neptune

O Amazon DynamoDB

O Amazon ElastiCache

O Amazon Aurora

Question 26: Which member of the AWS Snow Family is used by the Edge computing applications for IoT use cases for facilitating the collection and processing of data to gain immediate insights and then transfer the data to AWS?

O AWS Snowball Edge Storage Optimized

O AWS Snowposts

O AWS Snowmobile

O AWS Snowcone

Question 27: A company is looking at a service/tool to automate and minimize the time spent on keeping the server images up-to-date. These server images are used by EC2 instances as well as the on-premises systems.

Which AWS service will help achieve the company's need?

O AWS Systems Manager (Amazon Simple Systems Manager (SSM))

O Amazon EC2 AMI

O AWS CloudFormation templates

O Amazon EC2 Image Builder

Question 28: As part of log analysis, you have realized that one or more AWS-owned IP addresses are being used for port scanning your on-premises server. Which service/team should you connect to resolve this issue?

O Contact AWS Support

O Reach out to Werner Vogels, the CTO of Amazon, with the details of the incident

O Use AWS Trusted Advisor to log a complaint with AWS

O Contact AWS Abuse team

Question 29: An e-learning company wants to build a knowledge graph by leveraging a fully managed database. Which of the following is the best fit for this requirement?

O Amazon Neptune

O Amazon RDS

O Amazon DynamoDB

O Amazon DocumentDB

Question 30: A company stores all their media files to Amazon S3 storage service which is accessed by an application hosted on Amazon EC2 instances. The company wants to convert these media files into formats that users can playback on mobile devices.

Which AWS service/tool helps you achieve this requirement?

O Amazon Comprehend

O Amazon Transcribe

O AWS Glue

O Amazon Elastic Transcoder

Question 31: Which AWS service is used to store and commit code privately and also offer features for version control?

O AWS CodeCommit

O AWS CodeStar

O AWS CodeBuild

O AWS CodePipeline

Question 32: By default, which of the following events are logged by AWS CloudTrail?

O Management events

O Data events

O Data events and Insights events

O Insights events

Question 33: A financial consulting company is looking for automated reference deployments, that will speed up the process of deploying its financial solutions on AWS Cloud. The reference deployment should be able to deploy most of the well-known functions of financial services and leave space for customizations, if necessary.

Which AWS service will help achieve this requirement?

O AWS CloudFormation

O AWS Elastic Beanstalk

O Amazon Quicksight

O AWS Quick Starts

Question 34: Which of the following use-cases can be solved using the Amazon Forecast service?

O Document search service that can extract answers from text within documents

O Predict the web traffic of a website for the next few weeks

O To develop and test fully functional machine learning models

O To recommend personalized products for users based on their previous purchases

Question 35: A media company uses Amazon Simple Storage Service (Amazon S3) for storing all its data. Which storage class should it consider for cost-optimal storage of the data that has random access patterns?

O Amazon S3 Standard-Infrequent Access (S3 Standard-IA)

O Amazon S3 Intelligent-Tiering (S3 Intelligent-Tiering)

O Amazon S3 Standard (S3 Standard)

O Amazon S3 Random Access (S3 Random-Access)

Question 36: A financial services company needs to retain its data for 10 years to meet the compliance norms. Which Amazon S3 storage class is the best fit for this use-case considering that the data has to be stored at minimal cost?

O Amazon S3 Intelligent-Tiering

O Amazon S3 Standard-Infrequent Access

O Amazon S3 Glacier

O Amazon S3 Glacier Deep Archive

Question 37: Which pillar of AWS Well-Architected Framework focuses on using IT and computing resources efficiently, while considering the right resource types and sizes based on workload requirements?

O Cost Optimization Pillar

O Operational Excellence Pillar

O Performance Efficiency Pillar

O Reliability Pillar

Question 38: To meet the compliance norms, a consulting company is expected to store its data for three years. The company needs a tamper-proof technology/feature to keep the data protected and prevent any overwriting or data manipulation during the three-year duration.

As a Cloud Practitioner, which service/functionality will you suggest to keep the data safe?

O Amazon Macie

O Amazon S3 Glacier Vault Lock

O Amazon S3 Storage Lens

O Amazon S3 Object Lock

Question 39: Which of the following are security best practices suggested by AWS for Identity and Access Management (IAM)? (Select two)

□ Share your AWS account root user credentials only if absolutely necessary for performing an important billing operation

□ When you create IAM policies, grant the least privileges required to perform a task

□ Enable AWS multi-factor authentication (MFA) on your AWS root user account. MFA helps give root access to multiple users without actually sharing the root user login credentials

□ Do not change passwords and access keys once created. This results in failure of connectivity in the application logic

□ Don't share security credentials between accounts, use IAM roles instead

Question 40: Which of the following statements are true about AWS Elastic Beanstalk? (Select two)

□ AWS Elastic Beanstalk supports Java, .NET, PHP, but does not support Docker web applications

□ There is no additional charge for Elastic Beanstalk. You pay only for the underlying AWS resources that your application consumes

□ With Elastic Beanstalk, you can quickly deploy and manage applications in the AWS Cloud without having to learn about the infrastructure that runs those applications

□ AWS Elastic Beanstalk automates the details of capacity provisioning, load balancing, and application deployment, creating an environment that runs a version of your application. However, auto-scaling functionality cannot be automated using Elastic Beanstalk

□ AWS Elastic Beanstalk supports web applications built on different languages. But, Elastic Beanstalk cannot be used for deploying non-web applications

Question 41: Which of the following is a repository service that helps in maintaining application dependencies via integration with commonly used package managers and build tools like Maven, Gradle, npm, etc?

O AWS CodeBuild

O AWS CodeStar

O AWS CodeCommit

O AWS CodeArtifact

Question 42: A company is looking at real-time processing of streaming big data for their ad-tech platform. Which of the following AWS services is the right choice for this requirement?

O Amazon Simple Queue Service (Amazon SQS)

O Amazon Redshift

O Amazon Kinesis data stream

O Amazon EMR

Question 43: A team manager needs data about the changes that have taken place for AWS resources in his account during the past two weeks. Which AWS service can help get this data?

O AWS CloudTrail

O Amazon Inspector

O AWS Config

O Amazon CloudWatch

Question 44: A company is moving its on-premises application to AWS Cloud. The application uses in-memory caches for running custom workloads. Which Amazon EC2 instance type is the right choice for the given requirement?

O Storage Optimized instance types

O Accelerated computing instance types

O Memory Optimized instance types

O Compute Optimized instance types

Question 45: Historically, IT departments had to over-provision for peak demand. IT professionals may bring this legacy mindset to the table when they build their cloud infrastructure leading to over-provisioned resources and unnecessary costs. Right-sizing of resources is necessary to reduce infrastructure costs while still using cloud functionality optimally.

Which feature of the AWS Cloud refers to right sizing the resources?

O Reliability

O Resiliency

O Elasticity

O Horizontal scaling

Question 46: Which of the following services/tools offers a user-friendly graphical user interface to manage AWS Snowball devices without a need for command-line interface or REST APIs?

O AWS Transfer Family

O AppStream 2.0

O AWS OpsWorks

O AWS OpsHub

Question 47: Which of the following AWS services are offered free of cost? (Select two)

□ AWS Auto Scaling

□ Amazon EC2 Spot Instances

□ AWS Elastic Beanstalk

□ An Elastic IP address, which is chargeable as long as it is associated with an EC2 instance

□ CloudWatch facilitated detailed monitoring of EC2 instances

Question 48: Which AWS service allows you to connect any number of IoT devices to the cloud without requiring you to provision or manage servers?

O AWS IoT Core

O AWS IoT Gateway

O AWS Control Tower

O Amazon Connect

Question 49: Which of the following AWS services is delivered globally rather than regionally?

O Amazon Elastic File System

O Amazon S3 buckets

O Amazon WorkSpaces

O AWS Snowmobile

Question 50: As part of a flexible pricing model, AWS offers two types of Savings Plans. Which of the following are the Savings Plans from AWS?

O Compute Savings Plans, Storage Savings Plans

O Compute Savings Plans, EC2 Instance Savings Plans

O Instance Savings Plans, Storage Savings Plans

O Reserved Instances Savings Plans, EC2 Instance Savings Plans

Question 51: Which of the following statements are correct regarding the AWS Control Tower and Service Control Policies? (Select two)

□ Service Control Policies (SCPs), by default, effect all the users in the AWS Organization. They have to be configured to effect only the member accounts, if needed

□ Service Control Policies (SCPs) can help grant permissions to the accounts in your organization

□ Service Control Policies (SCPs) are a type of organization policy that you can use to manage permissions in your organization

□ AWS Control Tower helps you deploy a multi-account AWS environment and operate it with day-to-day reminders and recommendations

□ Control Tower is an AWS native service providing a pre-defined set of blueprints and guardrails to help customers implement a landing zone for new AWS accounts

Question 52: AWS Web Application Firewall (AWS WAF) can be deployed on which of the following services?

O Amazon CloudFront, Application Load Balancer, Amazon API Gateway, AWS AppSync

O Amazon CloudFront, Amazon Elastic Compute Cloud (Amazon EC2), Amazon API Gateway, Application Load Balancer

O Application Load Balancer, Amazon Elastic Compute Cloud (Amazon EC2), Amazon API Gateway

O AWS AppSync, Amazon CloudFront, Application Load Balancer, Amazon Elastic Compute Cloud (Amazon EC2)

Question 53: A gaming company needs compute and storage services close to edge locations in order to ensure ultra-low latency for end-users and devices that connect through mobile networks. Which AWS service is the best fit for this requirement?

O AWS Snowball Edge

O AWS Wavelength

O AWS Outposts

O AWS Snowmobile

Question 54: A company is looking for ways to make its desktop applications available to the employees from browsers on their devices/laptops. Which AWS service will help achieve this requirement without having to procure servers or maintain infrastructure?

O Amazon Snowball

O Amazon WorkSpaces

O Amazon AppStream 2.0

O Amazon Outposts

Question 55: Which of the following statements are true about AWS Shared Responsibility Model? (Select two)

□ AWS is responsible for patching and fixing flaws within the infrastructure, but customers are responsible for patching their guest OS and applications

□ For abstracted services, such as Amazon S3, AWS operates the infrastructure layer, the operating system, platforms, encryption options, and appropriate permissions for accessing the S3 resources

□ AWS maintains the configuration of its infrastructure devices and is responsible for configuring the guest operating systems, databases, and applications

□ Amazon Elastic Compute Cloud (Amazon EC2) is categorized as Infrastructure as a Service (IaaS) and hence AWS will perform all of the necessary security configuration and management tasks

□ AWS trains AWS employees, but a customer must train their own employees

Question 56: Which of the following statements are correct regarding the AWS Support Plans? (Select two)

□ AWS Concierge service is available for Business and Enterprise support plans

□ Infrastructure Event Management is included for free for Business and Enterprise support plans and can be extended to a Developer support plan for an additional fee

□ Both Basic and Developer Support plans have access to 7 core Trusted Advisor checks

□ A designated Technical Account Manager is available only for Enterprise support plans

□ Contextual guidance based on customer use-case, is available only for Enterprise support plans

Question 57: Which of the following is the least effort way to encrypt data for AWS services only in your AWS account using AWS Key Management Service (KMS)?

O Use AWS KMS APIs to encrypt data within your own application by using the AWS Encryption SDK

O Use AWS managed master keys that are automatically created in your account for each service

O Create your own customer master keys (CMKs) in AWS KMS

O Use AWS owned CMK in the service you wish to use

Question 58: Which of the following data sources are used by Amazon Detective to analyze events and identify potential security issues?

O Amazon CloudWatch Logs, AWS CloudTrail logs and S3 Access Logs

O Amazon CloudWatch Logs, Amazon VPC Flow Logs and Amazon GuardDuty findings

O AWS CloudTrail logs, Amazon VPC Flow Logs and Amazon GuardDuty findings

O Amazon CloudWatch Logs, AWS CloudTrail logs and Amazon Inspector logs

Question 59: A manufacturing company is looking at a service that can offer AWS infrastructure, AWS services, APIs, and tools to its on-premises data center for running low latency applications.

Which of the following service/tool is the best fit for the given requirement?

O AWS Wavelength

O AWS Outposts

O AWS Local Zones

O AWS Snow Family

Question 60: Which of the following points have to be considered when choosing an AWS Region for a service? (Select two)

□ Compliance and Data Residency guidelines of the AWS Region should match your business requirements

□ The AWS Region should have 5G networks, to seamlessly access the breadth of AWS services in the region

□ The AWS Region with high availability index should be considered for your business

□ AWS Region chosen should be geographically closer to the user base that utilizes the hosted AWS services

□ The AWS Region chosen should have all its Availability Zones (AZs) within 100 Kms radius, to keep latency low for hosted applications

Question 61: An e-commerce application sends out messages to a downstream application whenever an order is created. The downstream application processes the messages and updates its own systems. Currently, the two applications directly communicate with each other.

Which service will you use to decouple this architecture, without any communication loss between the two systems?

O AWS Lambda

O Amazon Simple Notification Service (Amazon SNS)

O Amazon Kinesis Data Streams

O Amazon Simple Queue Service (SQS)

Question 62: Which of the following AWS services can be used to continuously monitor both malicious activities as well as unauthorized behavior to protect your AWS accounts and workloads?

O Amazon GuardDuty

O Amazon Detective

O AWS Security Hub

O Amazon Inspector

Question 63: Which of the following statements are correct regarding the health monitoring and reporting capabilities supported by AWS Elastic Beanstalk? (Select two)

□ With basic health reporting, the Elastic Beanstalk service does not publish any metrics to Amazon CloudWatch

□ The Elastic Beanstalk health monitoring can determine that the environment's Auto Scaling group is available and has a minimum of at least one instance

□ The basic health reporting system that provides information about the health of instances in an Elastic Beanstalk environment does not use health checks performed by Elastic Load Balancing

□ AWS Elastic Beanstalk provides only basic health reporting system; Combined with Elastic Load Balancer, they provide advanced health check features

□ In a single instance environment, Elastic Beanstalk determines the instance's health by monitoring the Elastic Load Balancing health settings

Question 64: An online retail clothing store is looking for a service/tool to easily create and embed 3D scenes into their existing web pages to enhance user experience and improve sales. Which AWS service will help create these 3D visuals?

O Amazon SageMaker

O Amazon Sumerian

O Amazon Comprehend

O Amazon Polly

Question 65: A company wants to establish a private, dedicated connection between AWS and its on-premises datacenter. Which AWS service is the right choice for this requirement?

O AWS Site to Site Virtual Private Network (VPN)

O AWS Direct Connect

O Amazon CloudFront

O Amazon API Gateway