Question-1

Which of the following can be attached to EC2 instances to store data?

A. Amazon Glacier
B. Amazon EBS Volumes
C. Amazon EBS Snapshots
D. Amazon SQS

Question-2

Under the "Shared Responsibility Model" which of listed below is Customer's Responsibility?

A. Hardware of the AWS underlying infrastructure
B. Client-side data encryption
C. Database of the AWS infrastructure
D. Networking of the AWS infrastructure

Question-3

I have a web application that has been deployed to the AWS Mumbai region. My application soon becomes popular. Now there are users all over the world who would like to access it. If I use a CloudFront distribution for doing so, which statements are FALSE for CloudFront? (Choose TWO)

A. CloudFront uses the concept of Edge locations for caching and delivering content faster to its users.
B. CloudFront can help improve performance by using Keep-alive connections between the Edge locations & the origin server.
C. CloudFront does not cache dynamic content.
D. CloudFront can only use S3 buckets as their Origin Server from where they can cache content.
E. CloudFront can customize content at the Edge locations before delivering it to users.

Question-4

Which of the following components of the CloudFront service can be used to distribute content to users across the globe?

A. Amazon VPC
B. Amazon Regions
C. Amazon Availability Zones
D. Amazon Edge Locations

Question-5

Your company is planning to move to the AWS Cloud. You need to give a presentation on the cost perspective when moving existing resources to the AWS Cloud. Considering Amazon EC2, which of the following is an advantage from the cost perspective?

A. Having the ability of automated backups of the EC2 instance, so that you don't need to worry about the maintenance costs.
B. The ability to choose low cost AMI's to prepare the EC2 instances.
C. The ability to only pay for what you use.
D. Ability to tag instances to reduce the overall cost.

Question-6

Your company is planning to move to the AWS Cloud. Once it completely moves to the cloud, it wants to ensure that the right security settings are put in place. Which of the following tools are helpful? (Select TWO.)

A. AWS Inspector
B. AWS Trusted Advisor
C. AWS Support
D. AWS Kinesis

Question-7

There is a requirement to collect important metrics from AWS RDS and EC2 instances. Which AWS service would be helpful to fulfill this requirement?

A. Amazon CloudFront
B. Amazon CloudSearch
C. Amazon CloudWatch
D. Amazon Config

Question-8

I need to upload a large number of large-size objects from different Geographic locations to an S3 bucket. What is the best mechanism to do so in a fast & reliable way?

A. I can connect to an application running on AWS EC2 that is hosted in multiple regions using Route 53 & use latency based routing to upload files to the S3 bucket.
B. I can use a Direct Connect link from each of the Geographic location for transferring data quickly.
C. I can use S3 Transfer Acceleration from each Geographic location that will route the data from their respective Edge locations to S3.
D. I can directly Access the S3 bucket from the different locations & use a multi-part-upload for transferring huge objects.

Question-9

I have developed an application using AWS services that have been deployed to multiple regions to improve performance. How do I best achieve the optimal regional endpoint to increase the availability of your applications?

A. Use Route 53 latency based routing.
B. Use a CloudFront distribution.
C. Use Global Accelerator.
D. Use an endpoint of the application directly fot accessing it that lies within a users's Region.

Question-10

What is the ability of AWS products and services to recover from disruptions and mitigate disruptions known as?

A. Resiliency
B. Consistency
C. Durability
D. Latency

Question-11

When designing a system, you use the principle of "design for failure and nothing will fail". Which of the following services/features of AWS can assist in supporting this design principle? Choose 3 answers from the options given below.

A. Availability Zones
B. Regions
C. Elastic Load Balancer
D. Pay as you go

Question-12

While proposing AWS Cloud solution to a client as a value proposition, which of the following is not an advantage to use the AWS Cloud?

A. The AWS Cloud offers a pay-as-you-go model to trade Capital expense for Variable expense.
B. The AWS Cloud offers a Scale-on-demand model to eliminate wasted capacity.
C. The AWS Cloud gives complete control of Security to its users so that they can replicate their Data Center Security model on the Cloud.
D. AWS Cloud frees the users from spending time & Money for maintaining their Data Centers.

Question-13

You have a DevOps team in your current organization structure. They are keen to know if there is any service available in AWS which can be used to manage infrastructure as code. Which of the following can be met with such a requirement?

A. Using AWS CloudFormation
B. Using AWS Config
C. Using AWS Inspector
D. Using AWS Trusted Advisor

Question-14

Which of the following features does NOT belong to any Well-Architected Framework pillar in AWS?

A. It provides the ability to protect information, systems & assets.
B. It provides the ability to configure servers with much more CPU resources than required so that users do not need to maintain the CPU resources for a long time.
C. It provides the ability to avoid or eliminate unneeded costs.
D. It provides the ability to recover from infrastructure or system failures.

Question-15

Which of the following is the responsibility of AWS according to the Shared Security Model? Choose 3 answers from the options given below.

A. Managing AWS Identity and Access Management (IAM)
B. Securing edge locations
C. Monitoring physical device security
D. Implementing service organization Control (SOC) standards

Question-16

Your company has just started using the resources on the AWS Cloud. They want to get an idea of the costs being incurred so far for the resources being used. How can this be achieved?

A. By going to the Amazon EC2 dashboard. Here you can see the costs of the running EC2 resources.
B. By using the AWS Cost Explorer. Here you can see the running and forecast costs.
C. By using the AWS Trusted Advisor dashboard. This dashboard will give you all the costs.
D. By seeing the AWS Cloud Trail logs.

Question-17

Which of the following features of Amazon Connect helps better customer engagement on AWS Cloud?

A. Push Notification
B. High Quality Audio
C. Mailbox Simulator
D. Reputation Dashboard

Question-18

Your design team is planning to design an application that will be hosted on the AWS Cloud. One of their main non-functional requirements is given below.

- Reduce inter-dependencies so failures do not impact other components.

Which of the following concepts does this requirement relate to?

A. Integration
B. Decoupling
C. Aggregation
D. Segregation

Question-19

Which of the following can be used to increase the fault tolerance of an application?

A. Deploying resources across multiple edge locations
B. Deploying resources across multiple VPC's
C. Deploying resources across multiple Availability Zones
D. Deploying resources across multiple AWS Accounts

Question-20

Which of the following security requirements are managed by AWS? Select 3 answers from the options given below.

A. Password Policies
B. User permissions
C. Physical security
D. Disk disposal
E. Hardware patching

Question-21

Which of the following is not the pillars of AWS Well-Architected Framework?

A. Automation
B. Cost Optimization
C. Reliability
D. Performance Efficiency

Question-22

Your company is planning to offload some of the batch processing workloads on to AWS. These jobs can be interrupted and resumed at any time. Which of the following instance types would be the most cost-effective to use for this purpose?

A. On-Demand
B. Spot
C. Full Upfront Reserved
D. Partial Upfront Reserved

Question-23

Which service can be used to create steps required to automate build, test and deployments for a web application?

A. AWS CodeCommit
B. AWS CodePipeline
C. AWS CodeDeploy
D. AWS CodeBuild

Question-24

A manifacturing firm has recently migrated their application servers to the Amazon EC2 instance. The IT Manager is looking for the details of upcoming scheduled maintenance activities which AWS would be Performing on AWS resources, that may impact the services on these EC2 instances.

Which of the following services can alert you about the changes that can affect resources in your account?

A. AWS Organizations
B. AWS Personal Health Dashboard
C. AWS Trusted Advisor
D. AWS Service Health Dashboard

Question-25

Which of the following can be used an additional security layer for the user name and password when Logging into the AWS Console?

A. Multi-Factor Authentication (MFA)
B. Secondary password
C. Root access privileges
D. Secondary user name

Question-26

Which AWS Cloud service helps in the quick deployment of resources which can use different programming languages such as .Net and Java?

A. AWS Elastic Beanstalk
B. AWS Elastic Computee Cloud (Amazon EC2)
C. AWS VPC
D. AWS SQS

Question-27

Your company handles a crucial e-Commerce application. This application needs to have an uptime of at least 99.5%. There is a decision to move the application to the AWS Cloud. Which of the following deployment strategies can help build a robust architecture for such an application?

A. Deploying the application across multiple VPC's
B. Deploying the application across multiple Regions
C. Deploying the application across Edge locations
D. Deploying the application across multiple subnets

Question-28

Your company is moving a large application to AWS using a set of EC2 instances. A key reqirement is reusing existing server-bound software licensing. Which of the following options is the best for satisfying the requirement?

A. EC2 Dedicated Instances
B. EC2 Reserved Instances
C. EC2 Dedicated Hosts
D. EC2 Spot Instances

Question-29

You are planning on deploying a video-based application onto the AWS Cloud. Users across the world will access these videos. Which of the below services can help efficiently stream the content to the users across the globe?

A. Amazon SES
B. Amazon CloudTrail
C. Amazon CloudFront
D. Amazon S3

Question-30

Using Content Delivery Network (CDN), an administrator would like serve varying types of content based on the viewer's browser cookies. Which is the most appropriate serverless technique that can be used to achieve this?

A. AWS CodeCommit
B. AWS Lambda@Edge
C. AWS CodeStar
D. AWS Cloud9

Question-31

For the AWS Shared Responsibility Model, which of the following responsibilities is NOT a part of shared controls by both customer and AWS?

A. Patch Management
B. Configuration Management
C. Global infrastructure that runs AWS Cloud services.
D. Training

Question-32

There is a requirement to host EC2 Instances in the AWS Cloud, wherein the utilization is for a duration of more than 3 years. Which of the following would you utilize to minimize the costs?

A. Reserved instances
B. On-demand instances
C. Spot instances
D. Regular instances

Question-33

An administrator would like to check if the Amazon CloudFront identity is making access API calls to an S3 bucket where a static website is hosted. Where can this information be obtained?

A. Configuring Amazon Athena to run queries on the Amazon CloudFront distribution.
B. Check AWS CloudWatch logs on the S3 bucket.
C. In the webserver, tail for identity access logs from the Amazon CloudFront identity.
D. In AWS CloudTrail Event history, look up access calls and filter for the Amazon CloudFront identity.

Question-34

Which of the following AWS services can be used to retrieve configuration changes made to AWS resources causing operational issues?

A. Amazon Inspector
B. AWS CloudFormation
C. AWS Trusted Advisor
D. AWS Config

Question-35

A company is deploying a two-tier, highly available web application to AWS. The application needs a storage layer to store artifacts such as photos and videos. Which of the following services can be used as the underlying storage mechanism?

A. Amazon EBS volume
B. Amazon S3
C. Amazon EC2 instance store
D. Amazon RDS instance

Question-36

An organization runs several EC2 instances inside a VPC using three subnets, one for Development, one for Test, and one for Production. The Security team has some concerns about the VPC configuration. It requires restricting communication across the EC2 instances using Security Groups.

Which of the following options is true for Security Groups related to the scenario?

A. You can change a Security Group associated with an instance if the instance is in the running state.
B. You can change a Security Group associated with an instance if the instance is in the hibernate state.
C. You can change a Security Group only if there are no instances associated to it.
D. The only Security Group you can change is the Default Security Group.

Question-37

Which of the below-mentioned services is equivalent to hosting virtual servers on an on-premises location?

A. AWS IAM
B. AWS Server
C. AWS EC2
D. AWS Regions

Question-38

You have a set of EC2 Instances hosted on the AWS Cloud. The EC2 instances are hosting a web application. Which of the following acts as a firewall to your VPC and the instances in it? Choose 2 answers from the options given below.

A. Usage of Security Groups
B. Usage of AWS Config
C. Usage of Network Access Control Lists
D. Usage of the Internet gateway

Question-39

Which of the following can be used to launch EC2 instances on the AWS Cloud?

A. EBS Volumes
B. EBS Snapshots
C. Amazon Machine Image
D. Amazon VMware

Question-40

Which of the below options cannot be used to upload archives to Amazon Glacier?

A. AWS Glacier API
B. AWS Console
C. AWS Glacier SDK
D. AWS S3 Lifecycle policies

Question-41

Your company is planning to pay for an AWS Support plan. They have the following requirements as far as the support plan goes:

- 24x7 access to Cloud Support Engineers via email, chat, & phone.
- Response time of less than 15 minutes for any Mission-critical system faults.

Which of the following plans will suffice to keep in mind the above requirement?

A. Basic
B. Developer
C. Business
D. Enterprise

Question-42

Which of the following are features of an edge location? Choose 3 answers from the options given below.

A. Distribute content to users
B. Cache popular contents
C. Distribute load across multiple resources
D. Used in conjunction with the CloudFront service

Question-43

Which of the following storage options provides the option of Lifecycle policies that can be used to move objects to archive storage?

A. Amazon S3
B. Amazon Glacier
C. Amazon Storage Gateway
D. Amazon EBS

Question-44

Which of the following features of Amazon RDS allows for better availability of databases? Choose the answer from the options given below.

A. VPC Peering
B. Multi-AZ
C. Read Replicas
D. Data encryption

Question-45

A client who has adopted AWS Cloud would like to ensure that his systems deliver continuous business value & improve supporting processes and procedures. Which design pillar will he need to focus on for achieving this?

A. Reliability
B. Scalability
C. Automation
D. Operational Excellence

Question-46

A large IT company is looking to enable its large user base to remotely access Linux desktops from any location. Which service can be used for this purpose?

A. Amazon Cognito
B. Amazon AppStream 2.0
C. Amazon WorkSpaces
D. Amazon WorkLink

Question-47

You are the architect of a custom application running inside your corporate data center. The application runs with some unresolved bugs that produce a lot of data inside custom log files generating time-consuming activities to the operation team responsible for analyzing them.

You want to move the application to AWS using EC2 instances. At the same time, take the opportunity to improve logging and monitoring capabilities, but without touching the application code.

What AWS service should you use to satisfy the requirement?

A. AWS Kinesis Data Streams
B. AWS CloudTrail
C. AWS CloudWatch Logs
D. Amazon Kinesis Data Firehose

Question-48

A research firm is planning to deploy a high performance computing system in AWS Cloud for its scientific research work. Which service can be used to provide assistance to this firm in deployment?

A. AWS Support
B. AWS Managed Services
C. AWS IQ
D. AWS Professional Services

Question-49

Which of the following features of AWS RDS allows you to reduce the load on the database while reading data?

A. Cross region replication
B. Creating Read Replicas
C. Using snapshots
D. Using Multi-AZ feature

Question-50

Which of the following terms refers to a physical location around the world where data centers are located in AWS?

A. Sub zone
B. Data center
C. Region
D. Edge location

Question-51

A company wants to have a database hosted on AWS. As much as possible they want to have control over the database itself. Which of the following would be an ideal option for this?

A. Using the AWS DynamoDB service
B. Using the AWS RDS service
C. Hosting the database on an EC2 instance
D. Using the Amazon Aurora service

Question-52

On which of the following resources does Amazon Inspector perform network accessibility checks?

A. Amazon CloudFront
B. Amazon VPN
C. Amazon EC2 instance
D. Amazon VPC

Question-53

Which of the following services helps to achieve the computing elasticity in AWS?

A. AWS RDS
B. VPC Endpoint
C. AWS EC2 Auto Scaling Group
D. Amazon S3

Question-54

To receive AWS Trusted Advisor Notifications, what actions are required from the customer end?

A. Open a ticket with AWS Support.
B. Set up Notification in Dashboard
C. Set up Amazon Simple Notification Service
D. No action is required, all Notifications are sent automatically on a weekly basis.

Question-55

Why is Amazon DynamoDB service best-suited for implementation in mobile, Internet of Things (IoT) and gaming applications?

A. DynamoDB is a fully-managed database instance with no infrastructure overheads.
B. DynamoDB has a flexible data model and single-digit milisecond latency.
C. Whilist in operation, DynamoDB instances are spread across at least three geographically distinct centers, AWS Regions.
D. DynamoDB supports eventual and strongly consistent reads.

Question-56

A client who is using AWS Cloud services has multiple environments for the EC2 servers like DEV, QA, PROD respectively. The client would like to know billing details for each of these environments to make informed decisions related to saving costs. Using which of the following options the requirements can be achieved?

A. Consolidated billing
B. AWS Budgets
C. AWS Cost allocation tags
D. AWS Organizations

Question-57

Which of the following does AWS perform on its behalf for EBS volumes to make it less prone to failure?

A. Replication of the volume across Availability Zones
B. Replication of the volume in the same Availability Zone
C. Replication of the volume across Regions
D. Replication of the volume across Edge locations

Question-58

You are requested to expose your serverless application implemented with AWS Lambda to HTTP clients. (using HTTP Proxy)

Which of the following AWS services can you use to accomplish the task? (Select TWO)

A. AWS Elastic Load Balancing (ELB)
B. AWS Route 53
C. AWS API Gateway
D. AWS Lightsail
E. AWS Elastic Beanstalk

Question-59

You have an EC2 instance in development that interacts with the Simple Storage Service. The EC2 instance is going to be promoted to the production environment. Which of the following features should be used to grant the EC2 instance with suitable permissions to access the Simple Storage Service?

A. IAM Users
B. IAM Roles
C. IAM Groups
D. IAM Policies

Question-60

A live online game uses DynamoDB service in the backend to store real-time scores of the participants as they compete against each other from various parts of the world. Which data consistency option is the most appropriate to implement?

A. Strongly consistent
B. Eventually consistent
C. Strong Eventual consistency
D. Optimistic consistency

Question-61

Your company is planning to host a large e-commerce application on the AWS Cloud. One of their major concerns is internet attacks such as DDoS attacks. Which of the following services can help mitigate this concern? (Select TWO)

A. Amazon CloudFront
B. AWS Shield
C. Amazon EC2
D. AWS Config

Question-62

A research team conducting its work in remote locations of the world, without internet access, wishes to leverage Amazon services for their storage. The team collects petabytes of information at a time. Which service will best meet to transfer the petabytes of information?

A. Amazon S3
B. Amazon Elastic Block Store (EBS)
C. Amazon S3 Glacier
D. AWS Snowball

Question-63

Which of the following AWS services use serverless technology? Choose 2 answers from the options given below.

A. DynamoDB
B. EC2
C. Simple Storage Service
D. AWS Autoscaling

Question-64

Which of the following disaster recovery deployment mechanisms has the highest downtime?

A. Pilot light
B. Warm standby
C. Multi-Site
D. Backup and Restore

Question-65

An application requires access to a database to retrieve certain information and this action would require the developer to hard-code the credentials.

Hard-coding the credentials is not a best practice. He can securely store encrypted credentials and retrieve them when required, eliminating the need of hard-coding credentials in the application. Which AWS service would you suggest to the developer?

A. AWS Secrets Manager
B. AWS Encryption SDK
C. AWS Security Hub
D. AWS Artifact