1. Which feature of AWS allows you to deploy a new application for which the requirements may change over time?

   - Elasticity
   - Fault tolerance
   - Disposable resources
   - High availability

2. What are two components of Amazon S3? (Select TWO.)

   - File systems
   - Objects
   - Block devices
   - Directories
   - Buckets

3. Which of the facts below are accurate in relation to AWS Regions? (Select TWO.)

   - Regions have direct, low-latency, high throughput and redundant network connections between each other
   - Each region consists of a collection of VPCs
   - Each region consists of 2 or more availability zones
   - Regions are Content Delivery Network (CDN) endpoints for Cloud-Front
   - Each region is designed to be completely isolated from the other Amazon Regions

4. Which file format is used to write AWS Identity and Access Management (IAM) policies?

   - JSON
   - XML
   - DOC
   - JBOD

5. What is a Resource Group?

   - A collection of resources within a VPC

- A collection of resources that share one or more tags
- A collection of services within a category
- A collection of services within a region

6. Which service can be used to track the CPU usage of an EC2 instance?

   - Amazon CloudWatch
   - Amazon CloudFormation
   - Amazon CloudFront
   - Amazon CloudTrail

7. Which read/write capacity modes are available for DynamoDB? (Select TWO.)

   - Provisioned capacity mode
   - Dedicated capacity mode
   - Spot capacity mode
   - On-demand capacity mode
   - Reserved capacity mode

8. Where are Amazon EBS snapshots stored?

   - On an Amazon EBS instance store
   - On Amazon S3
   - On an Amazon EFS filesystem
   - Within the EBS block store

9. You have been running an on-demand Amazon EC2 instance running Linux for 4hrs, 5 minutes and 6 seconds. How much time will you be billed for?

   - 4hrs
   - 4hrs, 5mins, and 6 seconds
   - 4hrs, 6mins
   - 5hrs

10. Which of the statements below is correct in relation to Consolidated Billing? (choose 3)

- You are not charged a fee
- You can combine usage and share volume pricing discounts
- You receive one bill per AWS account
- You receive a single bill for multiple accounts
- You pay a fee per linked account

11. Which AWS service makes it easy to coordinate the components of distributed applications as a series of steps in a visual workflow?

    - Amazon SWF
    - AWS Step Functions
    - Amazon SES
    - Amazon SNS

12. An organization has multiple AWS accounts and uses a mixture of on-demand and reserved instances. One account has a considerable amount of unused reserved instances. How can the organization reduce their costs? (Select TWO.)

    - Create an AWS Organization configuration linking the accounts
    - Switch to using placement groups
    - Use Spot instances instead
    - Redeem their reserved instances
    - Setup consolidated billing between the accounts

13. What components can be managed in the Virtual Private Cloud (VPC) management console? (Select TWO.)

    - IP CIDR
    - Subnets
    - Elastic Load Balancers
    - Auto Scaling
    - Snapshots

14. Which type of AWS Storage Gateway can be used to backup data with popular backup software?

    - Volume Gateway

- Gateway Virtual Tape Library
- File Gateway
- Backup Gateway

15. Which AWS services can be utilized at no cost? (Select TWO.)

- Identity and Access Management (IAM)
- Amazon RedShift
- Amazon VPC
- Amazon S3
- Amazon CloudFront

16. Which AWS service can assist with coordinating tasks across distributed application components?

- Amazon SNS
- Amazon STS
- Amazon SQS
- Amazon SWF

17. Which of the below are valid options for interacting with Amazon Glacier archives? (Select TWO.)

- Using the REST API
- Using S3 Multipart Upload
- From the AWS CLI
- Through IAM
- Directly through the management console

18. Which of the following security related activities are AWS customers responsible for? (Select TWO.)

- Installing patches on Windows operating systems
- Secure disposal of faulty disk drives
- Implementing IAM password policies
- Installing patches on network devices
- Implementing data center access controls

19. Which service can be used to create sophisticated, interactive graph applications?

- Amazon Athena
- AWS X-Ray
- Amazon Neptune
- Amazon RedShift

20. Which AWS service enables hybrid cloud storage between on-premises and the AWS Cloud?

- Amazon CloudFront
- Amazon Elastic File System (EFS)
- Amazon S3 Cross Region Replication (CRR)
- AWS Storage Gateway

21. Which service can be used to assign a policy to a group?

- AWS IAM
- Amazon Cognito
- Amazon STS
- AWS Shield

22. You need to implement a hosted queue for storing messages in transit between application servers. Which service should you use?

- Amazon DynamoDB
- Amazon SQS
- Amazon SNS
- Amazon SWF

23. When using Amazon RDS with Read Replicas, which of the deployment options below are valid? (Select TWO.)

- Cross-Availability Zone
- Cross-subnet
- Cross-data center
- Within an Availability Zone

- Cross-edge location

24. You are evaluating AWS services that can assist with creating scalable application environments. Which of the statements below best describes the Elastic Load Balancer service?

   - A network service that provides an alternative to using the Internet to connect customers' on-premise sites to AWS
   - Helps you ensure that you have the correct number of Amazon EC2 instances available to handle the load for your application
   - Automatically distributes incoming application traffic across multiple targets, such as Amazon EC2 instances, containers, and IP addresses
   - A highly available and scalable Domain Name System (DNS) service

25. Which AWS database service supports complex queries and joins and is suitable for a transactional database deployment?

   - Amazon RDS
   - Amazon DynamoDB
   - Amazon RedShift
   - Amazon EMR

26. Which AWS service can be used to ensure the persistence of in-flight transactions independently of any single application component?

   - Amazon SQS
   - Amazon DynamoDB
   - AWS CloudFormation
   - AWS ElastiCache

27. How can a company protect their Amazon S3 data from a regional disaster?

   - Use lifecycle actions to move to another S3 storage class
   - Enable Multi-Factor Authentication (MFA) delete
   - Use Cross-Region Replication (CRR) to copy to another region
   - Archive to Amazon Glacier

28. Which aspects of security on AWS are customer responsibilities? (Select TWO.)

- Physical access controls
- Availability of AWS regions
- Patching of storage systems
- Setting up account password policies
- Server-side encryption

29. Which service can be used to cost-effectively move exabytes of data into AWS?

- S3 Cross-Region Replication (CRR)
- S3 Transfer Acceleration
- AWS Snowball
- AWS Snowmobile

30. Your organization has offices around the world and some employees travel between offices. How should their accounts be setup?

- Enable MFA for the accounts
- IAM is a global service, just create the users in one place
- Create a separate account in IAM within each region in which they will travel
- Set the user account as a "global" account when created

31. Which statement below is incorrect in relation to Security Groups?

- Operate at the instance level
- Support allow rules only
- Stateless
- Evaluate all rules

32. Which of the following are features of Amazon CloudWatch? (Select TWO.)

- Used to gain system-wide visibility into resource utilization
- Records account activity and service events from most AWS services

- Used for auditing of API calls
- Can be accessed via API, command-line interface, AWS SDKs, and the AWS Management Console
- Provides visibility into user activity by recording actions taken on your account

33. What are the benefits of using the AWS Managed Services? (Select TWO.)

- Designed for small businesses
- Alignment with ITIL processes
- Support for all AWS services
- Managed applications so you can focus on infrastructure
- Baseline integration with ITSM tools

34. To connect an on-premises network to an Amazon VPC using an Amazon Managed VPN connection, which components are required? (Select TWO.)

- NAT Instance
- Virtual Private Gateway
- Customer Gateway
- VPC Router
- Direct Connect

35. Which of the following configuration items are important to enabling an EC2 web server to serve web pages on the Internet? (Select TWO.)

- Security group rules configured to allow HTTP/HTTPS
- A private IP address assigned to the instance
- A public IP address assigned to the instance
- Security groups rules configured to allow SSH
- An established VPN connection

36. Which AWS storage service is accessed using the Network File System (NFS) protocol?

- Amazon EBS

- Amazon EFS
- Amazon S3
- Amazon Instance Store

37. Which AWS service provides preconfigured virtual private servers (instances) that include everything required to deploy an application or create a database?

   - AWS Lambda
   - Amazon ECS
   - Amazon Lightsail
   - AWS CloudFormation

38. A Cloud Practitioner wants to configure the AWS CLI for programmatic access to AWS services. Which credential components are required? (Select TWO.)

   - A private key
   - An IAM Role
   - A secret access key
   - A public key
   - An access key ID

39. An eCommerce company plans to use the AWS Cloud to quickly deliver new functionality in an iterative manner, minimizing the time to market. Which feature of the AWS Cloud provides this functionality?

   - Elasticity
   - Agility
   - Fault tolerance
   - Cost effectiveness

40. What strategy can assist with allocating metadata to AWS resources for cost tracking and visibility?

   - Categorizing
   - Access Control
   - Labelling

- Tagging

41. Which AWS service is used to enable multi-factor authentication?

    - Amazon STS
    - AWS IAM
    - Amazon EC2
    - AWS KMS

42. Which of the following is a method of backup available in the AWS cloud?

    - Route 53 Alias Record
    - EFS File Systems
    - Availability Zones
    - EBS Snapshots

43. Which type of AWS database is ideally suited to analytics using SQL queries?

    - Amazon RedShift
    - Amazon RDS
    - Amazon DynamoDB
    - Amazon S3

44. Your company has recently migrated to AWS. How can your CTO monitor the organization's costs?

    - AWS Simple Monthly calculator
    - AWS Consolidated Billing
    - AWS CloudTrail
    - AWS Cost Explorer

45. How many snapshots are required in order to restore an Amazon EBS volume?

    - The first snapshot only
    - All snapshots
    - The first and most recent snapshot

- The most recent snapshot only

46. Which statement is true in relation to data stored within an AWS Region?

    - Data is always replicated to another region
    - Data is not replicated outside of a region unless you configure it
    - Data is always automatically replicated to at least one other availability zone
    - Data is automatically archived after 90 days

47. What is the scope of an Amazon Virtual Private Cloud (VPC)?

    - It spans multiple subnets
    - It spans a single CIDR block
    - It spans all Availability Zones in all regions
    - It spans all Availability Zones within a region

48. How can an organization compare the cost of running applications in an on-premise or colocation environment against the AWS cloud?

    - AWS Budgets
    - AWS Simple Monthly Calculator
    - TCO Calculator
    - AWS Cost Explorer

49. How does the consolidated billing feature of AWS Organizations treat Reserved Instances that were purchased by another account in the organization?

    - All accounts in the organization are treated as one account for volume discounts but not for reserved instances
    - AWS Organizations does not support any volume or reserved instance benefits across accounts, it is just a method of aggregating bills
    - Only the master account can benefit from the hourly cost benefit of the reserved instances
    - All accounts in the organization are treated as one account so any account can receive the hourly cost benefit

50. Which of the following are pillars from the five pillars of the AWS Well-Architected Framework? (Select TWO.)

    - Economics
    - Performance efficiency
    - Operational excellence
    - Resilience
    - Confidentiality

51. Which type of Amazon RDS automated backup allows you to restore the database with a granularity of as little as 5 minutes?

    - Full backup
    - Snapshot backup
    - Point-in-time recovery
    - Incremental backup

52. Which data warehouse service can be used to query data in an Amazon S3 data lake without loading the data?

    - Amazon EMR
    - Amazon RedShift
    - AWS Lambda
    - Amazon RDS

53. Which service allows an organization to bring their own licensing on host hardware that is physically isolated from other AWS accounts?

    - EC2 Reserved Instances
    - EC2 Dedicated Instances
    - EC2 Spot Instances
    - EC2 Dedicated Hosts

54. You need to ensure you have the right amount of compute available to service demand. Which AWS service can automatically scale the number of EC2 instances for your application?

    - AWS RedShift
    - Amazon Elasticache

- AWS Auto Scaling
- Amazon Elastic Load Balancer

55. Which AWS services are associated with Edge Locations? (Select TWO.)

- Amazon EBS
- AWS Config
- AWS Shield
- AWS Direct Connect
- Amazon CloudFront

56. An architect wants to find a tool for consistently deploying the same resources through a templated configuration. What AWS service can be used?

- AWS CodeDeploy
- AWS CloudFormation
- AWS CodeBuild
- AWS Elastic Beanstalk

57. Which of the following statements are correct about the benefits of AWS Direct Connect? (Select TWO.)

- Quick to implement
- Increased bandwidth (predictable bandwidth)
- Increased reliability (predictable performance)
- Lower cost than a VPN
- Uses redundant paths across the Internet

58. An organization would like to run managed desktops on the AWS cloud using the Windows 10 operating system. Which service can deliver these requirements?

- Amazon does not provide desktop services
- Amazon SWF
- Amazon Workspaces
- Amazon EC2

59. Which Amazon EC2 billing option gives you low cost, maximum flexibility, no upfront costs or commitment, and you only pay for what you use?

- Reserved Instances
- Spot Instances
- Dedicated Host
- On-Demand Instances

60. Which configuration changes are associated with scaling horizontally? (Select TWO.)

- Adding additional hard drives to a storage array
- Adding additional EC2 instances through Auto Scaling
- Adding a larger capacity hard drive to a server
- Changing an EC2 instance to a type that has more CPU and RAM
- Changing the DB instance class on an RDS DB

61. A security operations engineer needs to implement threat detection and monitoring for malicious or unauthorized behavior. Which service should be used?

- AWS GuardDuty
- AWS CloudHSM
- AWS KMS
- AWS Shield

62. Which of the following is a benefit of moving to the AWS Cloud?

- Capital purchases
- Outsource all IT operations
- Pay for what you use
- Long term commitments

63. What are two ways that moving to an AWS cloud can benefit an organization? (Select TWO.)

- Switch to a CAPEX model

- Increase speed and agility
- Stop guessing about capacity
- Gain greater control of data center security
- Depreciate assets over a longer timeframe

64. Which AWS service can assist with providing recommended actions on cost optimization?

- AWS Inspector
- AWS Trusted Advisor
- AWS Artifact
- Amazon CloudWatch Events

65. An Elastic IP Address can be remapped between EC2 instances across which boundaries?

- DB Subnets
- Availability Zones
- Regions
- Edge Locations