1. What advantages do NAT Gateways have over NAT Instances? (Select TWO.)

   - Managed for you by AWS
   - Highly available within each AZ
   - Can be scaled up manually
   - Can be used as a bastion host
   - Can be assigned to security groups

2. 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
   - A secret access key
   - An access key ID
   - A public key
   - An IAM Role

3. How can a Solutions Architect reduce the latency between end-users and applications or content? (Select TWO.)

   - Deploy applications in multiple AZs
   - Deploy applications in regions closest to the end-users
   - Use larger EC2 instance types for the applications
   - Use Amazon CloudFront to cache content closer to end-users
   - Use S3 Transfer Acceleration to improve application performance

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

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

5. Which service supports the resolution of public domain names to IP addresses or AWS resources?

   - Amazon Route 53
   - Amazon SNS
   - Amazon CloudFront
   - Hosted Zones

6. Which Amazon S3 storage classes should be used for storing data for long time periods when immediate access is not required at the LOWEST cost? (Select TWO.)

   - Amazon S3 One Zone-Infrequent Access (S3 One Zone-IA)
   - Amazon S3 Standard
   - Amazon S3 Glacier Deep Archive
   - Amazon S3 Standard-Infrequent Access (S3 Standard-IA)
   - Amazon S3 Glacier

7. When storing sensitive company data in Amazon S3, which security best practices should customers follow?

   - Enable requester pays to reduce costs.
   - Enable S3 server-side encryption on the S3 bucket.
   - Enable AWS WAF to restrict access to the bucket.
   - Enable cross-Region replication on the S3 bucket.

8. What speeds is AWS Direct Connect offered at by AWS? (Select TWO.)

   - 100 Mbps
   - 50 Mbps
   - 1 Gbps
   - 10 Gbps
   - 100 Gbps

9. Which types of root storage devices are available for Amazon EC2 instances? (Select TWO.)

   - EFS file system
   - RAM
   - EBS volume
   - S3 Bucket
   - Instance Store

10. Which team is available to support AWS customers on an Enterprise support plan with account issues?

    - AWS Technical Account Manager
    - AWS Billing and Accounts
    - AWS Concierge
    - AWS Technical Support

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

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

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

    - XML
    - DOC
    - JBOD
    - JSON

13. To optimize pricing or ensure capacity is available reservations can be applied to which of the following services? (Select TWO.)

    - Amazon EC2
    - AWS Lambda
    - Amazon EBS
    - Amazon S3
    - Amazon RDS

14. Which AWS service uses a highly secure hardware storage device to store encryption keys?

- AWS WAF
- AWS IAM
- AWS CloudHSM
- Amazon Cloud Directory

15. 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, 5mins, and 6 seconds
    - 5hrs
    - 4hrs, 6mins
    - 4hrs

16. A Cloud Practitioner requires a simple method to identify if unrestricted access to resources has been allowed by security groups. Which service can the Cloud Practitioner use?

    - AWS CloudTrail
    - VPC Flow Logs
    - AWS Trusted Advisor
    - Amazon CloudWatch

17. How should an organization deploy an application running on multiple EC2 instances to ensure that a power failure does not cause an application outage?

    - Launch the EC2 instances into Edge Locations
    - Launch the EC2 instances into different Availability Zones
    - Launch the EC2 instances into different VPCs
    - Launch the EC2 instances in separate regions

18. A company recently setup an organization in AWS Organizations with one member account. Who pays for usage incurred by users in the AWS accounts?

    - The owner of the member account pays for usage within their account.
    - The owner of the master account pays for all usage across accounts.
    - The owner of the master account pays for usage in the master account only.
    - The owner of the member account pays for all usage across accounts.

19. What type of storage is provided by Amazon EBS?

    - Block
    - File
    - Relational
    - Object

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

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

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

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

22. Which database service is a NoSQL type of database that is fully managed?

    - Amazon DynamoDB
    - Amazon RDS
    - Amazon ElastiCache
    - Amazon RedShift

23. An AWS customer wishes to purchase unused Amazon EC2 capacity at a discounted rate. Which pricing plan should they choose?

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

24. A developer needs a way to automatically provision a collection of AWS resources. Which AWS service is primarily used for deploying infrastructure as code?

    - AWS CodeDeploy
    - Amazon CloudFormation
    - Jenkins
    - AWS Elastic Beanstalk

25. What is the most cost-effective Amazon S3 storage tier for data that is not often accessed but requires high availability?

    - Amazon S3 Standard
    - Amazon S3 Standard-IA
    - Amazon S3 One Zone-IA
    - Amazon Glacier

26. What is required to enable an EC2 instance in a public subnet to access the Internet? (Select TWO.)

    - A public IP address
    - A VPN connection
    - A route to an Internet Gateway
    - A NAT Gateway
    - A NAT Instance

27. You need to provision a single EBS volume that is 500 GiB in size and needs to support 20,000 IOPS. Which EBS volume type will you select?

    - Throughput Optimized HDD
    - Provisioned IOPS SSD
    - Cold HDD
    - General Purpose SSD

28. Which EC2 tenancy model gives you visibility and control over how instances are placed on a server?

    - Dedicated EC2
    - Dedicated Hosts

- Dedicated Instances
- Dedicated Tenancy

29. What billing timeframes are available for Amazon EC2 on-demand instances? (Select TWO.)

    - Per day
    - Per week
    - Per second
    - Per minute
    - Per hour

30. Which AWS service is part of the suite of "serverless" services and runs code as functions?

    - Amazon ECS
    - Amazon EKS
    - AWS Lambda
    - AWS CodeCommit

31. Which type of security control can be used to deny network access from a specific IP address?

    - AWS Shield
    - AWS WAF
    - Network ACL
    - Security Group

32. Which AWS database service provides a fully managed data warehouse that can be analyzed using SQL tools and business intelligence tools?

    - Amazon ElastiCache
    - Amazon RDS
    - Amazon DynamoDB
    - Amazon RedShift

33. Which of the following compliance programs allows the AWS environment to process, maintain, and store protected health information?

    - PCI DSS
    - SOC 1
    - ISO 27001
    - HIPAA

34. Which AWS support plans provide 24x7 access to customer service?

    - Developer
    - Business
    - Basic
    - All plans

35. Your CTO wants to move to cloud. What cost advantages are there to moving to cloud?

    - You can reduce your marketing costs
    - You don't need to pay for application licensing
    - You get free data transfer into and out of the cloud
    - You provision only what you need and adjust to peak load

36. What do you need to log into the AWS console?

    - Certificate
    - Access key and secret ID
    - Key pair
    - User name and password

37. How can a company facilitate the sharing of data over private connections between two accounts they own within a region?

    - Configure matching CIDR address ranges
    - Create a VPC peering connection
    - Create a subnet peering connection
    - Create an internal ELB

38. 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

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

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

40. What are the fundamental charges for Elastic Block Store (EBS) volumes? (Select TWO.)

    - The amount of data storage consumed
    - The amount of data storage provisioned
    - Number of snapshots
    - Inbound data transfer
    - Provisioned IOPS

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

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

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

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

43. To which destinations can Amazon S3 NOT send event notifications? (Select TWO.)

    - Lambda functions
    - CloudWatch

- SQS Queue
- SNS Topics
- DynamoDB Table

44. What types of origins are supported by Amazon Cloud-Front? (Select TWO.)

   - Elastic Load Balancer
   - EBS volume
   - EC2 instance
   - Elastic File System
   - S3 object

45. Which AWS technology can be referred to as a "virtual hard disk in the cloud"?

   - Amazon EFS Filesystem
   - Amazon S3 Bucket
   - Amazon EBS volume
   - Amazon ENI

46. Where are Amazon EBS snapshots stored?

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

47. What tool provides real time guidance to help you provision your resources following best practices in the areas of cost optimization, performance, security and fault tolerance?

   - Amazon IAM
   - AWS Trusted Advisor
   - AWS Personal Health Dashboard
   - AWS Inspector

48. What is the best way for an organization to automate the creation, retention, and deletion of EBS snapshots?

   - Create a CloudFormation template
   - Use Amazon DLM
   - Use S3 lifecycle policies
   - Create a script

49. Which AWS service is designed to be used for operational analytics?

   - Amazon EMR
   - Amazon Athena
   - Amazon Elasticsearch Service
   - Amazon QuickSight

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

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

51. An Amazon EC2 instance running the Amazon Linux 2 AMI is billed in what increment?

   - Per CPU
   - Per hour
   - Per second
   - Per GB

52. Which type of storage stores objects comprised of key, value pairs?

   - Amazon EFS
   - Amazon EBS
   - Amazon DynamoDB
   - Amazon S3

53. Which Amazon EC2 Reserved Instance type enables you to match your capacity reservation to predictable recurring dates and times?

   - Standard RI
   - Customized RI
   - Convertible RI
   - Scheduled RI

54. Which statement is correct in relation to the AWS Shared Responsibility Model?

   - AWS are responsible for encrypting customer data
   - Customers are responsible for security of the cloud
   - AWS are responsible for the security of regions and availability zones
   - Customers are responsible for patching storage systems

55. Which type of data storage system is typically considered to hold "structured" data?

   - Relational database
   - Email system
   - File system
   - Non-relational database

56. What is an example of scaling vertically?

   - AWS Auto Scaling adding more EC2 instances
   - AWS Lambda adding concurrently executing functions
   - Increasing the instance size with Amazon RDS
   - Adding read replicas to an Amazon RDS database

57. Which Amazon namespace is used to uniquely identify AWS resources?

   - ACL
   - ARN
   - API
   - AMI

58. Which of the below is Amazon's proprietary RDS database?

   - Aurora
   - DynamoDB
   - MySQL
   - MariaDB

59.
- Amazon CloudFront
- Amazon Route 53
- Amazon S3
- AWS IAM
- Amazon EC2

60. Which resource should you use to access AWS security and compliance reports?
- AWS IAM
- AWS Organizations
- AWS Business Associate Addendum (BAA)
- AWS Artifact

61. Which services are integrated with KMS encryption? (Select TWO.)
- Amazon RDS
- Amazon EC2
- Amazon EBS
- Amazon SWF
- AWS CloudFormation

62. Which of the options below are recommendations in the reliability pillar of the well-architected framework? (Select TWO.)
- Automatically recover from failure
- Use ad-hoc recovery procedures
- Attempt to accurately estimate capacity requirements
- Scale vertically to increase aggregate system availability
- Manage change in automation

63. Which service can be used to manage configuration versions?
- AWS Service Catalog
- AWS Config
- AWS Artifact
- Amazon Inspector

64. Which service can be used to improve performance for users around the world?
- AWS LightSail
- Amazon Connect
- Amazon CloudFront
- Amazon ElastiCache

65. Which of the following is an advantage of cloud computing compared to deploying your own infrastructure on-premise?
- Flexibility to choose your own hardware
- Paying only for what you use
- Ability to choose bespoke infrastructure configurations
- Spend using a CAPEX model