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

   - Managed for you by AWS
   - Highly available within each AZ

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

   - A secret access key
   - An access key ID

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

   - Deploy applications in regions closest to the end-users
   - Use Amazon CloudFront to cache content closer to end-users

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

   - You can combine usage and share volume pricing discounts
   - You are not charged a fee
   - You receive a single bill for multiple accounts

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

   - Amazon Route 53

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 Glacier Deep Archive
   - Amazon S3 Glacier

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

   - Enable S3 server-side encryption on the S3 bucket.

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

   - 1 Gbps
   - 10 Gbps

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

   - EBS volume
   - Instance Store

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

    - AWS Concierge

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

    - Baseline integration with ITSM tools
    - Alignment with ITIL processes

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

    - JSON

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

    - Amazon EC2
    - Amazon RDS

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

    - AWS CloudHSM

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

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 Trusted Advisor

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 different Availability Zones

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 master account pays for all usage across accounts.

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

    - Block

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

    - EBS Snapshots

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

    - Objects
    - Buckets

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

    - Amazon DynamoDB

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

- 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?

    - Amazon CloudFormation

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-IA

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

    - A public IP address
    - A route to an Internet Gateway

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?

    - Provisioned IOPS SSD

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

    - Dedicated Hosts

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

    - Per second
    - Per hour

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

    - AWS Lambda

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

    - Network ACL

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

    - Amazon RedShift

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

    - HIPAA

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

    - All plans

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

    - You provision only what you need and adjust to peak load

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

    - 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?

    - Create a VPC peering connection

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

    - 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

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

    - The amount of data storage provisioned
    - Provisioned IOPS

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

    - AWS Cost Explorer

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

    - 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.)

    - CloudWatch
    - DynamoDB Table

44. What types of origins are supported by Amazon CloudFront? (Select TWO.)

    - Elastic Load Balancer
    - EC2 instance

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

    - Amazon EBS volume

46. Where are Amazon EBS snapshots stored?

    - On Amazon S3

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?

    - AWS Trusted Advisor

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

    - Use Amazon DLM

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

   - Amazon Elasticsearch Service

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

   - Identity and Access Management (IAM)
   - Amazon VPC

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

   - Per second

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

   - Amazon S3

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

   - Scheduled RI

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

   - AWS are responsible for the security of regions and availability zones

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

   - Relational database

56. What is an example of scaling vertically?

   - Increasing the instance size with Amazon RDS

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

   - ARN

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

   - Aurora

59.
   - Amazon S3
   - Amazon EC2

60. Which resource should you use to access AWS security and compliance reports?

   - AWS Artifact

61. Which services are integrated with KMS encryption? (Select TWO.)

   - Amazon RDS
   - Amazon EBS

62. Which of the options below are recommendations in the reliability pillar of the well-architected framework? (Select TWO.)

   - Automatically recover from failure
   - Manage change in automation

63. Which service can be used to manage configuration versions?

   - AWS Config

64. Which service can be used to improve performance for users around the world?

   - Amazon CloudFront

65. Which of the following is an advantage of cloud computing compared to deploying your own infrastructure on-premise?

   - Paying only for what you use