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

   - Elasticity

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

   - Paying only for what you use

3. When instantiating compute resources, what are two techniques for using automated, repeatable processes that are fast and avoid human error? (Select TWO.)

   - Infrastructure as code
   - Bootstrapping

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

   - The most recent snapshot only

5. Which type of Amazon Elastic Load Balancer operates at layer 7 of the OSI model?

   - Application Load Balancer

6. To reward customers for using their services, what are two ways AWS reduce prices? (Select TWO.)

   - Volume based discounts when you use more services
   - Reduced cost for reserved capacity

7. Where can resources be launched when configuring AWS Auto Scaling?

   - Multiple AZs within a region

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

   - AWS IAM

9. How can an organization track resource inventory and configuration history for the purpose of security and regulatory compliance?

  - Configure AWS Config with the resource types

10. When using Amazon IAM, what authentication methods are available to use? (Select TWO.)

  - Server certificates
  - Access keys

11. What does an organization need to do to move to another AWS region?

  - Just start deploying resources in the additional region

12. Which service runs your application code only when needed without needing to run servers?

  - AWS Lambda

13. Which AWS service can be used to host a static website?

  - Amazon S3

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

  - Amazon Lightsail

15. With which AWS Storage Gateway Volume Gateway configuration is data stored on-premise and asynchronously backed up to Amazon S3?

  - Stored volume mode

16. Identify the services that have a global (rather than regional) scope? (Select TWO.)

  - Amazon Route 53
  - Amazon CloudFront

17. Which service provides a way to convert video and audio files from their source format into versions that will playback on devices like smartphones, tablets and PCs?

    - Amazon Elastic Transcoder

18. 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

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

    - Amazon DynamoDB

20. Which AWS service can an organization use to automate operational tasks on EC2 instances using existing Chef cookbooks?

    - AWS OpsWorks

21. Which of the following services does Amazon Route 53 provide? (Select TWO.)

    - Domain Name Service (DNS)
    - Domain registration

22. Which pricing model should you use for EC2 instances that will be used in a lab environment for several hours on a weekend and must run uninterrupted?

    - On-Demand

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

    - AWS Artifact

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

- Amazon Neptune

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

    - AWS CloudFormation

26. How can a database administrator reduce operational overhead for a MySQL database?

    - Migrate the database onto an Amazon RDS instance

27. Which AWS service can be used to prepare and load data for analytics using an extract, transform and load (ETL) process?

    - AWS Glue

28. Which AWS IAM best practice recommends applying the minimum permissions necessary to perform a task when creating IAM policies?

    - Grant least privilege

29. The AWS acceptable use policy for penetration testing allows?

    - Customers to carry out security assessments or penetration tests against their AWS infrastructure without prior approval for selected services

30. What type of database is fully managed and can be scaled without incurring downtime?

    - Amazon DynamoDB

31. Which type of Elastic Load Balancer only distributes traffic using the HTTP, and HTTPS protocol information?

    - Application Load Balancer (ALB)

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

- An access key ID
- A secret access key

33. Which service can a Cloud Practitioner use to configure custom cost and usage limits and enable alerts for when defined thresholds are exceeded?

    - AWS Budgets

34. In addition to DNS services, what other services does Amazon Route 53 provide? (Select TWO.)

    - Domain registration
    - Traffic flow

35. 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

36. What types of rules can be defined in a security group? (Select TWO.)

    - Inbound
    - Outbound

37. Which service can an organization use to track API activity within their account?

    - AWS CloudTrail

38. What are the names of two types of AWS Storage Gateway? (Select TWO.)

    - Tape Gateway
    - File Gateway

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

    - Managed for you by AWS

- Highly available within each AZ

40. Which HTTP code indicates a successful upload of an object to Amazon S3?

    - 200

41. How does AWS assist organizations' with their capacity requirements?

    - You don't need to guess your capacity needs

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

    - Amazon CloudFront
    - AWS Shield

43. The AWS global infrastructure is composed of? (Select TWO.)

    - Availability Zones
    - Regions

44. A Solutions Architect is creating the business process workflows associated with an order fulfilment system. Which AWS service can assist with coordinating tasks across distributed application components?

    - Amazon SWF

45. 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

46. What types of monitoring can Amazon CloudWatch be used for? (Select TWO.)

    - Application performance
    - Operational health

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

    • Performance efficiency
    • Operational excellence

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

    • Increase speed and agility
    • Stop guessing about capacity

49. When using Identity and Access Management (IAM) what is the process of gaining access to a resource?

    • First you authenticate, then you are authorized, and then you gain access

50. Which service is used introduce fault tolerance into an application architecture?

    • Amazon Elastic Load Balancing

51. 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 Workspaces

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

    • On-demand capacity mode
    • Provisioned capacity mode

53. AWS Trusted Advisor provides real-time guidance on what characteristics of an AWS account? (Select TWO.)

    • Cost optimization
    • Security best practices

54. What is the scope of a VPC within a region?

- Spans all Availability Zones within the region

55. What is the name for the top-level container used to hold objects within Amazon S3?

- Bucket

56. What architectural best practice aims to reduce the interdependencies between services?

- Loose Coupling

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

- It spans all Availability Zones within a region

58. Which support plan is the lowest cost option that allows unlimited cases to be open?

- Developer

59. Which AWS Glacier data access option retrieves data from an archive in 1-5 minutes?

- Expedited

60. You need to run a production process that will use several EC2 instances and run constantly on an ongoing basis. The process cannot be interrupted or restarted without issue. What EC2 pricing model would be best for this workload?

- Reserved instances

61. What is the best way for an organization to transfer hundreds of terabytes of data from their on-premise data center into Amazon S3 with limited bandwidth available?

- Use AWS Snowball

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

- Amazon RedShift

63. Assuming you have configured them correctly, which AWS services can scale automatically without intervention? (Select TWO.)

    - Amazon DynamoDB
    - Amazon S3

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

    - Amazon EBS volume

65. 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?

    - Automatically distributes incoming application traffic across multiple targets, such as Amazon EC2 instances, containers, and IP addresses