1. Which of the following are types of cloud computing deployments? (Choose 3)

1. Mixed cloud
2. Hybrid cloud
3. Private cloud
4. Public cloud

2. What does EC2 stand for?

1. Elastic Cost-Effective Computing

B. Elastic Compute Cloud

C. Elastic Computing Cost

D. Elastic Cloud Compute

3. Which of the following best describes a system that will remain operational even in the event of a component failure?

1. Elastic
2. Scalable
3. Fault-tolerant
4. Highly Available

4. You have EC2 and RDS instances, Redshift and Elasticsearch clusters, and an SNS topic in your AWS environment. Which of these services support reserved pricing?

1. Elasticsearch and SNS
2. EC2, RDS, Redshift and Elasticsearch
3. RDS, SNS
4. EC2 and RDS
5. EC2, Redshift and SNS

5. Which of the following are valid ways for an IAM user to manage AWS resources?

(Choose 3)

1. Using the AWS Software Developers Kit
2. Programmatic access via the command line
3. Security Group access via the AWS command line
4. Emergency access via Identity Access Management
5. AWS Management Console access

6. You need to allow resources in a private subnet to access the internet. Which of the following must be present to enable this access?

1. NACLs
2. Route Tables
3. Security Groups
4. NAT Gateway

7. *Which service might you use to provide Distributed Denial of Service (DDoS) protection to your applications running on AWS?*

1. *AWS Shield*
2. *AWS WAF*
3. *DynamoDB*
4. *AWS Inspector*

8. *Under the Shared Responsibility Model, for which of the following does AWS not assume responsibility?*

1. *Hypervisors*
2. *Networking*
3. *Customer data*
4. *Physical security of AWS facilities*

9. Which of the following acts like built-in firewalls per instance for your virtual servers?

1. Security Groups
2. NACLs
3. Route Tables
4. Availability Zones

10. *Which of the following does AWS use to notify you by email when you exceed 85% of your Free Tier limits for each service?*

1. *AWS Budgets*
2. *AWS Cost explorer*
3. *AWS Personal Health Dashboard*
4. *AWS Organisations*

11. Which of the below are you responsible for when running an EC2 instance on AWS?

(Choose 2)

1. Patching the network hardware
2. Patching the compute hardware
3. Patching the operating system
4. Patching the applications

12. Which following statement is true of newly created security groups with their default rules?

1. New security groups allow only outbound traffic and block all incoming traffic.
2. New security groups allow both incoming and outbound traffic.
3. New security groups block both incoming and outbound traffic.
4. New security groups block outbound traffic and allow all incoming traffic.

13. Which of the following statements is true about the Amazon EC2 service?

(Choose 3)

1. It provides virtual computing environments.

B. It provides scalable computing capacity in the AWS Cloud

C. It supplies various configurations of CPU, memory, storage and network capacity

D. It is used to launch up to 5 servers.

14. Which of these are examples of cloud bulk storage?

*(Possible Correct: 3)*

1. *Netflix*
2. *Google Drive*
3. *Amazon S3*
4. *Amazon EBS*
5. *Dropbox*

*15. Amazon S3 bucket names must be unique across****\_****.*

1. *VPCs*
2. *Availability Zones*
3. *AWS*
4. *Regions*

16. *An EC2 instance needs to access S3. What is the most appropriate way to provide the EC2 instance access to S3?*

1. *IAM Role*
2. *IAM User*
3. *IAM Group*
4. *IAM Policy*

17. Which of the following is IAM commonly used to manage?

*(Possible Correct: 4)*

1. *Password Policies*
2. *VPCs*
3. *API access keys*
4. *Users & Groups*
5. *Access Policies*

18. What replaced the traditional client-server architecture?

1. CPU
2. Database
3. The cloud
4. Commodore 64

19 What type of service(s) does AWS provide? Please select the most appropriate answer.

1. AWS offers all of these types of services
2. SaaS
3. IaaS
4. PaaS

20. How can an application achieve high availability and fault-tolerance?

1. Scaling up the size of resources
2. Utilizing one Availability Zone
3. Utilizing multiple Availability Zones
4. Scaling in resources

21. Which of the following components stores data temporarily before it becomes committed to storage?

1. Database
2. CPI
3. Network
4. RAM

22. Which AWS service provides central governance and management across multiple AWS accounts?

1. CloudFormation
2. AWS Organisations
3. AWS Systems Manager
4. AWS EC2

23. You have a web application that needs to run for a short period of time (a couple days). It is alright if there are interruptions in the application. Which EC2 instance type would be best for this use case?

A. ON Demand

B. Reserved

C. Spot

D. Dedicated host

24. Your company is migrating its services to the AWS cloud. The DevOps team has heard about infrastructure as code, and wants to investigate this concept. Which AWS service would they investigate?

1. CodeCommit
2. AWS Lambda
3. Elastic Beanstalk
4. AWS CloudFormation

25. A large company is using multiple AWS accounts and would like to benefit from available volume discounts in AWS. Which AWS feature will enable the company to get volume discounts?

1. Upgrade to an Enterprise Support Plan.

B. Use AWS Organizations and its consolidated billing feature to consolidate billing and payment for multiple AWS accounts.

C.Contact AWS to request volume discounts.

26. A new application rolled out by the development team is going to require load balancing of HTTP and HTTPS traffic. Which Load Balancer is best suited for this type of traffic?

1. HTTP Load Balancer
2. Network Load Balancer
3. Application Load Balancer
4. Classic Load Balancer

27.Which AWS service can provide a Desktop as a Service (DaaS) solution?

1. EC2
2. AWS Workspaces
3. S3
4. Elastic Beanstalk

28. Which AWS service would you use for managing SQL database ?

1. EC2
2. S3
3. DynamoDB
4. RDS

29. Your company hosts gaming applications online and would like to deliver these apps to a worldwide audience. Which AWS Service would enable delivery to users worldwide and greatly improve response times?

1. DynamoDB
2. CloudFront
3. CloudFormation
4. RDS

30. What AWS service lets you provision a logically isolated section of the AWS Cloud?

1. AWS RDS
2. Elastic Network Interface
3. AWS Route 53
4. AWS VPC

31. Which of the following can you use as a web-based interface to view processes in AWS?

A. AWS SDK

B. AWS CLI

C. AWS API

D. AWS Management Console

32.The CTO of a software company had requested an Executive Summary detailing the advantages of a potential move to the AWS Cloud. What can you say is an advantage of an RDS database over a traditional database?

1. It is easier to convert to NoSQL
2. It is 5x faster than traditional databases
3. AWS maintains the underlying OS and performs software patching for the database

33. A company is contemplating a move to the AWS Cloud. What benefits can be gained from such a move?

A.The company can focus on its business rather than managing a data center.

B. There is no need to patch guest operating systems.

C. All encryption is handled by AWS.

34. AWS uses the shared responsibility model. For security, which of the following are the responsibilities of AWS? ( Pick 2)

A. Disk disposal

B. Physically securing compute resources

C. Configure Security Groups

D. User password rules

35. As an AWS account administrator, you are in charge of creating AWS accounts and securing those accounts. What steps can you take?

A.Store the root account credentials in sharepoint.

B. Grant admin access to all users.

C. Create multi-factor authentication for the root account.

36. You are storing sensitive employee information in an S3 Bucket. What can you use to give bucket access only to authorized personnel?

1. Login and password
2. Access Keys
3. Bucket Policy

37.You are concerned about access to your top-secret application by stolen passwords. What additional layer of security can you add for logging in to AWS Management Console, in addition to user passwords?

A. AWS Transcribe

B. Secret Access Keys

C. AWS Voice Recognition

D. Multi-Factor Authentication

38. After configuring your VPC and all of the resources within it, you want to add an extra layer of security at the subnet level. Which will you use to add this security?

1. IAM
2. Security Group
3. Network ACL
4. Private IP Address

39. A new application needs temporary access to resources in AWS. How can this best be achieved?

1. Add the application to a group that has the appropriate permissions.

B. Store access key in an S3 Bucket and give the application access to the bucket.

C. Create an IAM Role and have the application assume the role.

40. AWS Trusted Advisor provide checks in 5 different categories. Which item is not one of those checks?

1. Security
2. Cost Optimisation
3. Fault Tolerance
4. Elasticity