1. What does a comprehensive data policy include?

 Wiping, disposing, retention, and storage

 Disposing, patching, retention, and storage

 Retention, storage, disposing, and virtualization

 Storage, virtualization, wiping, and elasticity

Explanation:

Answer (a): A comprehensive data policy includes wiping, disposing, retention, and storage.

2. Which of the following is true about NoSQL and SQL?

 NoSQL and SQL support ACID properties.

 NoSQL and SQL are relational databases.

 NoSQL and SQL handle transactions.

 NoSQL and SQL implement dynamic schemas.

Explanation:

Answer (c): NoSQL and SQL handle transactions.

3. A leading IT firm in Manhattan faces lot of network traffic issues. What should it use to ease these issues?

 Amazon CloudWatch

 Amazon Elastic Load Balancing

 Amazon Elastic Compute Cloud

 Amazon CloudFront

Explanation:

Answer (b): Elastic Load Balancing, or ELB, service disseminates the network traffic across a group of virtual servers.

4. ABC company wants to use network services that would implement its code from Amazon EC2 instances on the virtual servers. What should the company use?

 AWS Lambda

 Amazon Machine Image

 Auto Scaling Service

 Elastic Load Balancing

Explanation:

Answer (a): AWS Lambda service implements the code from Amazon EC2 instances on the virtual servers, in response to a triggered event.

5. MultiPan, a small company with huge clientele, was facing a storage crunch, and it wants the resources to be connected to the Internet. What is the ideal solution?

 Public Subnets

 Private Subnets

 Load Balancer

 Amazon Route 53

Explanation:

Answer (a): Public Subnets are ideal in an environment where the resources are required to be connected to the Internet.

6. If a company wants to use the DNS Web service, what is the appropriate option?

 Instances and Amazon Machine Image

 Virtual Private Cloud

 Security Groups

 Amazon Route 53 Hosted Zones

Explanation:

Answer (d): Amazon Route 53, a DNS Web service, is scalable, highly available, and a cost-effective medium to direct the visitors to a website, a virtual server, or a load balancer.

7. To retain application availability, you should use.

 Load Balancer

 Auto Scaling Groups

 Amazon Route 53 Hosted Zones

 Security Groups

Explanation:

d

8. How does an Elastic Load Balancer enable higher fault-tolerance level?

 Creating subnets

 Open or terminate instances

 Creating the group of instances

 Dividing instances into several Availability Zones

Explanation:

Answer (d): A Load Balancer is responsible for distributing the network traffic across Amazon EC2 instances in different Availability Zones, which enables you to accomplish a higher fault-tolerance level.

9. In case of a disaster, which of the following activities will you perform?

 Expand your datacenter

 Launch the replacement compute capacity

 Scalable computing capacity servers

 Backup your mission critical data

Explanation:

Answer (b): Quickly launch the replacement compute capacity in the cloud for business continuity. After the disaster, restore your data to the data center, and terminate the EC2 instances.

10. ABC company wants Web services that offer scalable computing capacity servers. What should the company choose?

 Amazon EC2

 Amazon Route 53 Hosted Zones

 Auto Scaling Groups

 Load Balancer

Explanation:

Answer (a): Amazon EC2 is a Web service that offers scalable computing capacity servers in the AWS data centers.

11. XYZ company wants instance types for high-performance databases, genome analysis, Microsoft SharePoint, distributed caches, and in-memory analytics. Identify the best option.

 General Purpose

 Compute Optimized

 Memory Optimized

 Input/Output Instances

Explanation:

Answer (c): Memory optimized instance types contains only R3 instances. These instances are optimized to run memory-intensive programs such as high performance databases, genome analysis, Microsoft SharePoint, distributed caches, and in-memory analytics.

12. What are the uses of T2 instances?

 Shares resources

 Batch processing workloads

 Workloads on small databases

 Launches an instance

Explanation:

Answer (c): T2 instances are used for workloads on small databases, Web Servers, low-traffic sites, and development environments.

13. What instance type will you recommend if your organization wants high frequency processors?

 M3

 M2

 T2

 C3

Explanation:

Answer (d): The C3 instance type offers high frequency processors for enhanced networking, clustering, and instance storage.

14. Which of these platforms does Amazon EC2 support?

 C3 dot large and C3 dot 8xlarge

 EC2 Classic and EC2 VPC

 D2 dot 2xlarge and D2 dot 8xlarge

 Input/Output instances

Explanation:

Answer (b): Amazon EC2 supports two platforms, namely EC2 Classic and EC2 VPC.

15. Amy wants to use the highest performing processor at the lowest price in Amazon EC2. What should she choose?

 M4

 C4

 M3

 M2

Explanation:

Answer (b): The C4 instance type offers the highest performing processors at the lowest price in Amazon EC2. Examples include, C4 dot large, and C4 dot 8xlarge.

16. Elina is a business traveler, and she wants to download the AWS Console app. Select the option that does NOT allow this.

 Blackberry store

 Amazon app store

 Google play store

 iTunes

Explanation:

Answer (a): A user can download the AWS Console app from all the other options except "a," that is, Blackberry store.

17. Daniel wants to store his website data and also needs a user-friendly interface. Which of the following will suit Daniel's demand?

 Amazon S3

 Amazon CloudFront

 Amazon Glacier

 Amazon Gateway

Explanation:

Answer (a): Amazon S3 provides safe and secure object storage to developers. It has a user-friendly interface that helps store and access any amount of data any time.

18. Which of the following does the AWS Import/Export service support?

 EC2 instance

 AWS Import/Export Disk

 Amazon S3

 Amazon EBS

Explanation:

Answer (b): AWS Import/Export service supports features such as AWS Import/Export Snowball and AWS Import/Export Disk.

19. AWS wanted to examine the customer's AWS environment, identify security gaps, and fill them. Which of these tools was used to solve the issue automatically?

 Trusted Guide

 Trusted Advisor

 Trusted Counselor

 Trusted Controller

Explanation:

Answer (b): AWS offers "Trusted Advisor", an online tool to automatically examine the customer?s AWS environment, identify security gaps, and fill them.

20. Which of the following provides non-stop monitoring, logging, and auditing of physical access controls?

 Compliance

 Security Tools

 Expert Guidance

 Physical Security

Explanation:

Answer (d): The AWS team undertakes the key measure for providing non-stop monitoring, logging, and auditing of physical access controls.

21. Which of the following is a scalable and an economical amalgamation of your office IT and AWS storage infrastructure?

 AWS Storage Gateway

 AWS Gateway-cached Volume

 AWS EC2

 AWS Import/Export

Explanation:

Answer (a): AWS Storage Gateway is a scalable and an economical amalgamation of your office IT and AWS storage infrastructure.

22. Anna wants to create users and groups in AWS service. Which of the following will perform the task?

 Virtual Private Cloud

 Identity and Access Management

 Security Groups

 Compliance

Explanation:

Answer (b): The IAM service enables to create users and groups, define roles, set IAM access control policies, and define group functions related to user management.

23. Which of the following was the first service offered by Amazon to transfer data?

 AWS Import/Export

 Snowball

 Disk

 AWS EFS

Explanation:

Answer (c): Disk was the first service offered by Amazon to transfer data using UPS or mail.

24. While researching on the Availability Zones of AWS expansion, Elliot wanted to know the upcoming regions. Selecting the correct region or regions.

India

The United Kingdom

South Africa

South America

Explanation:

Answer (a, b): India, Montreal in Canada, Ningxia in China, Ohio in North America, and, The United Kingdom are the upcoming AWS regions.

25. Paul wanted to isolate a section of the AWS cloud, and launch AWS resources in a defined virtual network. Which of these options should he choose?

 Shared Responsibility Model

 Virtual Private Cloud

 Trusted Guide

 Security Tools

Explanation:

Answer (b): Amazon Virtual Private Cloud, or VPC helps you logically isolate a section of the AWS cloud, and launch AWS resources in a defined virtual network.

26. With the decision to store data in Amazon Glacier,the Ahana group of companies came across one of the used cases. Identify the used case from the following.

 Deleting Data

 Restoring Data

 History List

 Back up media assets

Explanation:

Answer (d): Amazon Glacier supports the used cases like archiving off-site enterprise information, backing up media assets, storing research and scientific data, preserving digital data, and replacing magnetic tapes.

27. ABC, a public record managing firm, wanted to transfer huge amount of data. Since, it was for public records, they needed some solution that would not charge them much. Which of the following is the most suitable for them?

 Snowball

 AWS Import/Export Disk

 Virtual Tape Library

 Virtual Tape Shelf

Explanation:

Answer (a): Snowball is a cost-effective data transfer solution, which is capable of transferring up to 50 terabytes of data, and is five times cheaper than a high-speed Internet connection.

28. What is used for applications and databases where there is significant amount of traffic?

 Optimized EC 2 instances

 Provisioned IOPS

 General Purpose IOPS

 Amazon Elastic Block Storage

Explanation:

Answer (b): Provisioned IOPS is used for applications and databases where there is significant amount of traffic.

29. Direct Attached Storage is a type of \_\_\_\_\_.

 Cloud Storage

 Gateway Storage

 Traditional Storage

 Hard Disk Storage

Explanation:

d

30. \_\_\_\_\_\_ means that the storage is temporary, and its contents can be lost when the system is rebooted.

 Ephemeral

 AttachVolume

 EBS Volume

 General Purpose IOPS

Explanation:

d

31. Which of the following will XYZ company use to transfer its website to one type of cloud while its brochure is on another?

 Virtual Cloud

 Private Cloud

 Hybrid Cloud

 Public Cloud

Explanation:

Answer (c): Through hybrid cloud, a company is able to retain control over an internally managed private cloud, while depending on the public cloud, when required. For example, during peak time, you can migrate a few applications to the public cloud.

32. St. Philip University wanted to use AWS service that would create and provision AWS resources. Suggest the appropriate options from the following.

 AWS CloudFormation

 Amazon CloudFront

 Amazon CloudWatch

 Amazon S3

Explanation:

Answer (a): AWS CloudFormation refers to a service that creates and provisions your AWS resources.

33. CloudFormation Components Templates has a format that conforms to the \_\_\_\_.

 HTTP

 MySQL

 JavaScript Object Notation

 HTML

Explanation:

d

34. What does Stack as single unit mean?

 CloudFormation service rolls back the stack or deletes

 Blueprint for creating and configuring resources

 Develop highly scalable, reliable, and lucrative applications

 Identifies the dependent resources

Explanation:

Answer (a): AWS CloudFormation service rolls back the stack or deletes any created resources if even one resource fails to successfully create itself.

35. Which of the following is NOT a certification of the AWS IT infrastructure?

 US International Traffic in Arms Regulations or ITAR

 Service Organization Control or SOC 1, SOC 2, and SOC 3

 Criminal Justice Information Services or CJIS

 Risk and Information Systems Control

Explanation:

Answer (d): Risk and Information Systems Control is just and IT Certification.

36. Which of the followin can Merrin, a new user to the Amazon Web Service, use to access the provided service?

 AWS Software Development Kits

 AWS Hardware Development Kits

 AWS Instructor line tool

 AWS Enquiry API?s

Explanation:

Answer (a): User can access Amazon Web Services through Management Console, Command Line Interface, Command Line Tools, AWS Software Development Kits, and Query APIs.

37. Which of the following can automatically scale resources?

Auto Scaling

Auto Measuring

Elastic File System

Elastic Load Balancing

Explanation:

Answer (a, d): AWS techniques such as auto scaling and elastic load balancing can automatically scale resources.

38. If you can specify input parameters, and you can determine their values at the time of creating the stack, it means you are \_\_\_\_\_.

 Reusing Templates

 Deleting Template

 Reusing Stack

 Deleting Stack

Explanation:

d

39. ABC company wants to monitor cloud resources, such as Amazon EC2 and Amazon RDS instances, and applications. What services it should use?

 Amazon Glacier

 Amazon CloudFront

 Amazon Elastic File System

 Amazon CloudWatch

Explanation:

Answer (d): Amazon CloudWatch refers to a service that allows real-time monitoring of your cloud resources such as, Amazon EC2 and Amazon RDS instances, and applications.

40. How can you use Amazon CloudWatch?

 Amazon Simple Storage Service

 Amazon Route 53

 Amazon Virtual Private Cloud

 AWS Free Tier

Explanation:

Answer (d): You can start using Amazon CloudWatch under the AWS Free Tier. The Free Tier includes 3 dashboards with 50 metrics each, 10 alarms, 10 detailed monitoring metrics, and 1 million API requests, without any demand for price.

41. Which of the following clouds is a mix of public and private cloud services?

 Private Cloud

 Public Cloud

 Hybrid Cloud

 Virtual Cloud

Explanation:

Answer (c): A hybrid cloud is a mix of public and private cloud services offered by multiple providers.

42. Amazon Web Services is Amazon's cloud computing environment that offers benefits of \_\_\_\_\_.

Economies of scale

Scalability

Total free Service

50 gigabytes free service

Explanation:

d

43. Magnetic storage is a persistent type of slower, older \_\_\_\_\_.

 Elastic File System

 Simple Storage

 Elastic Block Storage

 Amazon Glazier

Explanation:

d

44. Virtual Tape Library provides users with an unlimited \_\_\_\_\_\_\_\_\_\_.

 Collection of device spaces

 Collection of tape library

 Collection of virtual tapes

 Device Space

Explanation:

Virtual Tape Library provides users with an unlimited collection of virtual tapes. It provides and lets the user control an existing tape-based backup application

45. Which of the following are the current list of service groups in the All AWS Services section?

Networking

Transaction

Analytics

Mirroring

Explanation:

d

46. Which of the following is a singular feature of AWS?

 Resilient organizational structure

 Resilient institutional structure

 Resilient industrial structure

 Resilient Administrative structure

Explanation:

Answer (a): A striking feature of AWS is its resilient organizational structure.

47. Which of the following is granted according to the least privileged criteria?

 Granted access

 Private access

 Specialized access

 Authorized access

Explanation:

Answer (d): Only authorized access is granted as per the least privileged criteria.

48. Which is the vital feature on Navigation Bar?

 AWS Availability Zone

 AWS Region

 AWS Menu bar

 AWS Access Control

Explanation:

Answer (b): AWS Region is another vital feature on the Navigation Bar.

49. The security of global infrastructure services run in which of the following cloud?

 Security ?OF? the cloud

 Security ?IN? the cloud

 Security ?OUT? the cloud

 Security ?ON? the cloud

Explanation:

Answer (a): In Shared Responsibility Model AWS undertakes security of the global infrastructure for services that run in the cloud, referred to as security ?OF? the cloud.

50. Amazon DynamoDB, as a part of Amazon Web Services, refers to a service that offers \_\_\_\_\_.

 SQL database

 NoSQL databases

 Data Models

 Solid State Disks

Explanation:

d

51. What is the other name for attributes?

 Series

 Indexes

 Fields

 Keys

Explanation:

Answer (c): The attributes are also called columns or fields.

52. Which of the following is a type Primary Key?

Partition Key

Primary Key

Sort key

Composite Sort Key

Explanation:

Answer (a, d): DynamoDB allows specifying the two types of primary keys like, Partition Key and Composite Sort Key.

53. Which of the following Dynamo data types includes a string set, a binary set, and a number set?

 scalar

 set

 document

 None of the above

Explanation:

Answer (b): Amazon DynamoDB supports three major categories of data types. Set is a data types that includes a string set, a binary set, and a number set.

54. Which of the following has a unique decimal number or a code point?

 Binary code Character

 Tertiary Code Character

 Primary Code Character

 Unicode character

Explanation:

Answer (d): Each Unicode character has a unique decimal number or a code point.

55. True or False is an attribute of \_\_\_\_\_.

 Binary

 Null

 Strings

 Boolean

Explanation:

A Boolean type attribute can have one of the two values namely, True or False.

56. Which of the following services creates and provisions AWS resources?

 AWS CloudWatch

 AWS CloudFormation

 AWS Identity and Access Management

 AWS CloudFront

Explanation:

Answer (b): AWS CloudFormation refers to a service that creates and provisions your AWS resources.

57. What offers profitable, resizable capacity for your databases?

 Amazon Relational Database Service

 Amazon DynamoDB

 Amazon Security groups

 All of the above

Explanation:

Answers (a): Relational Database Service offers profitable, resizable capacity for your databases.

58. A(n)\_\_\_\_\_ aims to control access to a DB instance.

 Security group

 Parameter group

 Options group

 DynamoDB group

Explanation:

d

59. What is applied to a DB instance if you do not specify the desired parameter group while creating the instance?

 Options group

 Security group

 DynamoDB group

 Parameter group

Explanation:

Answer (d): A parameter group is applied to a DB instance, if you do not specify your desired parameter group while creating the instance.

60. Through which option does Amazon maintain a synchronous reserved replica of that DB instance?

 Deployment

 Positioning

 Placement

 Distribution

Explanation:

Answer (a): Through this deployment option, Amazon maintains a synchronous reserved replica of that DB instance in another Availability Zone.