* **Question 1**

0.5 out of 0.5 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | How can a company leverage the Platform as a Service cloud computing delivery model? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | A company obtains an environment with a software stack from a cloud provider, develops a custom application, and makes that application available to its customers on the Internet. | |  |  |  |

* **Question 2**

0 out of 0.5 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Incorrect | **Which AWS service provides managed file storage for EC2 instances?** |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Amazon S3 | |  |  |  |

* **Question 3**

0.5 out of 0.5 points

|  |  |  |  |  |
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|  |  | | | |
| Correct | Which customer scenario is best suited to maximize the benefits gained from using a virtual private cloud? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | An enterprise that does not want to sacrifice security or make changes to their management practices but needs additional resources for test and development of new solutions. | |  |  |  |

* **Question 4**

0.5 out of 0.5 points

|  |  |  |  |  |
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|  |  | | | |
| Correct | On a particular server, within each virtual machine: |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | You can run any version of Windows without regard for the version(s) running in the other virtual machines | |  |  |  |

* **Question 5**

0 out of 0.5 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Incorrect | A cloud provider offers an environment for building applications that will run from the customer's environment. Which cloud computing delivery model are they using? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Infrastructure as a Service | |  |  |  |

* **Question 6**

0.5 out of 0.5 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | A company has decided to leverage the web conferencing services provided by a cloud provider and to pay for those services as they are used. The cloud provider manages the infrastructure and any application upgrades. This is an example of what type of cloud delivery model? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Software as a Service | |  |  |  |

* **Question 7**

0.5 out of 0.5 points

|  |  |  |  |  |
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|  |  | | | |
| Correct | What is the purpose of AWS Lambda? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Running code without provisioning or managing servers | |  |  |  |

* **Question 8**

0 out of 0.5 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Incorrect | What is the benefit of using automation techniques in conjunction with cloud computing? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Automation optimizes availability by maintaining configurations and managing changes to resources. | |  |  |  |

* **Question 9**

0 out of 0.5 points

|  |  |  |  |  |
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|  |  | | | |
| Incorrect | A company would like to leverage cloud computing to provide advanced collaboration services (i.e. video, chat, and web onferences) for its employees but does not have the IT resources to deploy such an infrastructure. Which cloud computing model would best fit the company needs? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Private Cloud | |  |  |  |

* **Question 10**

0.5 out of 0.5 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | A cloud provider offers an environment for building applications that will run from the customer's environment. Which cloud computing delivery model are they using? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Platform as a Service | |  |  |  |

* **Question 11**

0 out of 0.5 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Incorrect | Which cloud computing feature allows for server consolidation resulting in increased asset utilization and decreased data center energy needs? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Automation | |  |  |  |

* **Question 12**

0.5 out of 0.5 points

|  |  |  |  |  |
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|  |  | | | |
| Correct | Which AWS service provides a scalable, fully managed NoSQL database? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Amazon DynamoDB | |  |  |  |

* **Question 13**

0.5 out of 0.5 points

|  |  |  |  |  |
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|  |  | | | |
| Correct | What is an advantage of a multi-tenancy cloud environment over a single-tenancy environment? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | cost savings | |  |  |  |

* **Question 14**

0.5 out of 0.5 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | Which feature of AWS allows you deploy a new application for which the requirements may chance over time ? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Elasticity | |  |  |  |

* **Question 15**

0.5 out of 0.5 points

|  |  |  |  |  |
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|  |  | | | |
| Correct | What is the relationship between Regions, Availability Zones, and data centers? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Regions are clusters of Availability Zones. | |  |  |  |

* **Question 16**

0.5 out of 0.5 points

|  |  |  |  |  |
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|  |  | | | |
| Correct | Which one of the benefits is not part Software Defined Network ? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Simple Backup | |  |  |  |

* **Question 17**

0 out of 0.5 points

|  |  |  |  |  |
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|  |  | | | |
| Incorrect | \_\_\_\_\_\_\_\_\_\_\_\_\_ enables the migration of the virtual image from one physical machine to another. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | virtual transfer | |  |  |  |

* **Question 18**

0 out of 0.5 points

|  |  |  |  |  |
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|  |  | | | |
| Incorrect | Which statement best describes the relationship between application, server, and client in a multitenancy environment |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Multiple instances of software running on a server and serves multiple clients. | |  |  |  |

* **Question 19**

0.5 out of 0.5 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | Which component of the AWS global infrastructure does Amazon CloudFront use to ensure low-latency delivery? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Edge locations | |  |  |  |

* **Question 20**

0.5 out of 0.5 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
| Correct | How many actors defined in NIST cloud computing reference architecture ? |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | 5 | |  |  |  |