


Question 1

0 out of 2 points

Which of the following is NOT the reason that an organization consider cloud migration?

Selected Answer:  Increased efficiency

- Answers:
- Increased efficiency
 - Reduced personnel costs
 - Reduced operational expenses
 -  Elimination of risks

Question 2

2 out of 2 points

Which of the following best describes the model where software applications are hosted by a cloud service provider and made available to customers over network resources?

Selected Answer:  SaaS


- Answers:
-  SaaS
 - IaaS
 - PaaS
 - Public cloud

Question 3

0 out of 0 points

Assume an application composes of individual services. We need to route a request to a service based on the content of the request. What type of load balancer should we use?


Selected Answer:  Application Load Balancer


- Answers:
- Network Load Balancer
 - Any type of load balancer
 - Auto Scaling Load Balancer
 -  Application Load Balancer

Question 4

0 out of 2 points

If proprietary programming languages are used for application development, which model can be used?


Selected Answer:  PaaS


- Answers:
-  IaaS
 - PaaS
 - SaaS
 - Database as a service

Question 5

2 out of 2 points

If a cloud customer wants a secure, isolated sandbox in order to conduct software development and testing, which cloud service model would be the best?

Selected Answer:  PaaS


- Answers:
- IaaS
 - Public cloud
 - SaaS
 -  PaaS

Question 6

2 out of 2 points

Which of the following is a key-value (NoSQL) database in AWS?

Selected Answer:  Amazon DynamoDB

- Answers:
- Amazon NoSQL-DB
 -  Amazon DynamoDB
 - Amazon Aurora
 - Amazon RDS

Question 7

2 out of 2 points

Which of the following is the correct order of the phases of the data life cycle?

Selected Answer: ☒ Create, store, use, share, archive, destroy

Answers: ☒ Create, store, use, share, archive, destroy

Create, archive, store, use, share, destroy

Create, use, store, share, archive, destroy

Create, store, use, archive, share, destroy

Question 8

2 out of 2 points

What is the first step in getting started with AWS Lambda?

Selected Answer: ☒ Upload code

Answers: ☒ Upload code

Provision EC2 instances

Pay for estimated compute time

Deploy an OS image

Question 9

2 out of 2 points

Which of the followings is NOT a criteria to discriminate whether a service is delivered in the cloud computing style

Selected Answer: ☒ Negotiation between the service provider and consumers

Answers: Service accessible via a Web browser or a Web services Application Programming Interface (API)

No or minimal upfront cost

Pay for what you use

☒ Negotiation between the service provider and consumers

Question 10

2 out of 2 points

Which of the following best describes the types of data for which Amazon S3 Glacier is best suited?

Selected Answer: ☒ Infrequently or rarely accessed

Answers: Requires block storage

☒ Infrequently or rarely accessed

Access latency similar as Amazon S3

Frequently updated

Question 11

2 out of 2 points

In which of the following model, does the user NOT have control over the deployed applications in cloud?

Selected Answer: ☒ SaaS

Answers: Storage as a service

IaaS

☒ SaaS

PaaS

<p>Question 12</p> <p>Which of the following style belongs to Call and Return architecture style for distributed computing?</p> <p>Selected Answer: <input checked="" type="radio"/> Object-oriented</p> <p>Answers:</p> <ul style="list-style-type: none"><input type="radio"/> Interpreter<input type="radio"/> Repository<input type="radio"/> Pipe and filter<input checked="" type="radio"/> Object-oriented	2 out of 2 points
<p>Question 13</p> <p>In which cloud service model is the customer only responsible for the data?</p> <p>Selected Answer: <input checked="" type="radio"/> SaaS</p> <p>Answers:</p> <ul style="list-style-type: none"><input checked="" type="radio"/> SaaS<input type="radio"/> Function as a service<input type="radio"/> PaaS<input type="radio"/> IaaS	2 out of 2 points
<p>Question 14</p> <p>For parallel computing, which of the following statement is NOT correct?</p> <p>Selected Answer: <input checked="" type="radio"/> Instructions from each part execute simultaneously on a single computer with multiple processors/cores.</p> <p>Answers:</p> <ul style="list-style-type: none"><input checked="" type="radio"/> Instructions from each part execute simultaneously on a single computer with multiple processors/cores.<input type="radio"/> Make better use of underlying parallel hardware with multiple processors/cores.<input type="radio"/> The computational problem can be broken apart into discrete parts that can be solved simultaneously.<input type="radio"/> Reduce the time required to obtain a solution.	2 out of 2 points
<p>Question 15</p> <p>Which of the following statement is correct about levels of parallel computing?</p> <p>Selected Answer: <input checked="" type="radio"/> Instruction level parallelism is ability of multiple instructions executing on multiple processors simultaneously.</p> <p>Answers:</p> <ul style="list-style-type: none"><input checked="" type="radio"/> Instruction level parallelism is ability of multiple instructions executing on multiple processors simultaneously.<input type="radio"/> Levels of parallelism are decided based on the number of instruction streams that can be used for parallelism.<input checked="" type="radio"/> Instruction level parallelism is ability of multiple instructions executing on a single CPU simultaneously.<input type="radio"/> Levels of parallelism are decided based on the number of processors that can be used for parallelism.	0 out of 2 points
<p>Question 16</p> <p>Which of the following data storage types are associated or used with PaaS?</p> <p>Selected Answer: <input checked="" type="radio"/> Row and block</p> <p>Answers:</p> <ul style="list-style-type: none"><input type="radio"/> SaaS application<input checked="" type="radio"/> Databases and Big Data<input type="radio"/> Tabular<input type="radio"/> Row and block	0 out of 2 points
<p>Question 17</p> <p>Which of the following best describes the security discipline of Identity and Access Management (IAM)?</p> <p>Selected Answer: <input checked="" type="radio"/> The right individual gets access to the right resources at the right time for the right reasons</p> <p>Answers:</p> <ul style="list-style-type: none"><input checked="" type="radio"/> The right individual gets access to the right resources at the right time for the right reasons<input type="radio"/> All uses are properly authorized<input type="radio"/> Unauthorized uses will get access the resources<input type="radio"/> All users are properly authenticated	2 out of 2 points

Question 18

2 out of 2 points

Which of the following does NOT support parallel computing?

- Selected Answer: ☒ Single-instruction single-data (SISD) systems
- Answers:
- ☒ Single-instruction multiple-data (SIMD) systems
 - ☒ Single-instruction single-data (SISD) systems
 - ☐ Multiple-instruction single -data (MISD) systems
 - ☐ Multiple-instruction multiple -data (MIMD) systems

Question 19

2 out of 2 points

Assume a web application requires AWS credentials and authorization to use AWS services. Which IAM entity should be used?

- Selected Answer: ☒ Role
- Answers:
- ☐ MFA
 - ☐ Group
 - ☒ Role
 - ☐ User

Question 20

2 out of 2 points

Which of the following represents the correct set of cloud deployment models?

- Selected Answer: ☒ Public, private, hybrid, community
- Answers:
- ☐ Public, private, joint, community
 - ☐ Public, internal, joint, community
 - ☐ External, internal, hybrid, community
 - ☒ Public, private, hybrid, community

Question 21

2 out of 2 points

Which of the following term is used to encapsulate application software from the underlying operating system on which it is executed?

- Selected Answer: ☒ Application virtualization
- Answers:
- ☐ VMWare
 - ☐ SaaS
 - ☐ Hypervisor
 - ☒ Application virtualization

Question 22

0 out of 0 points

Which of the following is NOT the benefit of using Amazon EC2 instances compared to physical servers in your infrastructure?

- Selected Answer: ☒ The ability to hot-add additional RAM
- Answers:
- ☒ The ability to hot-add additional RAM
 - ☐ Pay only for the capacity you use
 - ☐ The ability to have different storage requirements
 - ☐ Resizable

Question 23

2 out of 2 points

In the Shared Responsibility Model, for which aspect of securing the cloud is AWS responsible?

- Selected Answer: ☒ Security of the cloud
- Answers:
- ☒ Security of the cloud
 - ☐ Security for the cloud
 - ☐ Security in the cloud
 - ☐ Security to the cloud

Question 24

0 out of 2 points

Which of the following does NOT belong to software architectural styles for distributed computing?

Selected Answer: ☒ Call and return

- Answers:
- ☐ Call and return
 - ☒ Client/server
 - ☐ Data-centered
 - ☐ Virtual machine

Question 25

2 out of 2 points

Which of the following does NOT belong to the best practice to secure cloud applications?

Selected Answer: ☒ Use the same password for all users

- Answers:
- ☐ Activate multi-factor authentication
 - ☐ Use roles for applications
 - ☐ Delete root user access keys
 - ☒ Use the same password for all users

Question 26

0 out of 2 points

Which of the following virtualization belongs to system level virtualization?

Selected Answer: ☒ Operating system level

- Answers:
- ☐ Application level
 - ☐ Operating system level
 - ☒ Hardware level
 - ☐ Programming language level

Question 27

2 out of 2 points

Cloud service providers are held to contractual obligations with specified metrics by _____.

Selected Answer: ☒ SLAs

- Answers:
- ☐ Regulations
 - ☐ Law
 - ☒ SLAs
 - ☐ Discipline

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