Try again once you are ready
TO PASS 80% or higher

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Course practice exam

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1. A JSON file stores which of the following types of data? **0 / 1 point**

- ○ Unstructured
- ◉ Structured
- ○ Semi-structured

✗ **Incorrect**
Try going back and reviewing **Store Data in Microsoft Azure**.

2. The following script is an example of which serialization language? **1 / 1 point**

```
<Person Age="23">
<FirstName>John</FirstName>
<LastName>Smith</LastName>
<Hobbies>
<Hobby Type="Sports">Golf</Hobby>
<Hobby Type="Leisure">Reading</Hobby>
<Hobby Type="Leisure">Guitar</Hobby>
</Hobbies>
</Person>
```

- ◉ XML
- ○ YAML
- ○ JSON

✓ **Correct**
XML expresses the shape of the data using tags.

3. Which of the following Azure Database services offer the following five consistency levels: **1 / 1 point**

1. Strong
2. Bounded staleness
3. Session
4. Consistent prefix
5. Eventual

- ○ Azure SQL Managed Instance
- ◉ Azure Cosmos DB
- ○ Azure SQL Database

✓ **Correct**
Azure Cosmos DB allows developers to choose between the five well-defined consistency models along the consistency spectrum. These consistency levels enable you to maximize the availability and performance of your database, depending on your needs.

4. Let's say you have two video files stored as blobs. One of the videos is business-critical and requires a replication policy that creates multiple copies across geographically diverse datacenters. The other video is non-critical, and a local replication policy is sufficient. Which of the following options satisfies both data diversity and cost sensitivity consideration? **1 / 1 point**

- ◉ Create two storage accounts. The first account makes use of Geo-redundant storage (GRS) and hosts the business-critical video content. The second account makes use of local-redundant storage (LRS) and hosts the non-critical

video content.

- ○ Create a single storage account that makes use of geo-redundant storage (GRS) and host both videos from here.
- ○ Create a single storage account that makes use of local-redundant storage (LRS) and host both videos from here.

✓ **Correct**
Try going back and reviewing **Store Data in Microsoft Azure**.

5. Azure Storage offers several types of storage accounts. What is the recommended storage type for block blobs and append blobs? **1 / 1 point**

- ☑ Premium Storage

✓ **Correct**
Premium Blob Storage provides lower and more consistent storage latency, providing low and consistent storage response times for both read and write operations across a range of object sizes

- ☐ Standard General purpose v2

6. What is the maximum size of a block blob storing text or binary files? **1 / 1 point**

- ◉ 5 TB
- ○ 5 GB
- ○ 500 GB

✓ **Correct**
Block blobs are used to hold text or binary files up to ~5 TB (50,000 blocks of 100 MB) in size.

7. Which of the following types of Azure data is most suitable for highly available network file shares that can be accessed using the standard Server Message Block, or SMB, protocol? **1 / 1 point**

- ◉ Files
- ○ Queues
- ○ Blobs

✓ **Correct**
Files are suitable for managed file shares for cloud or on-premises deployments that can be accessed using the standard Server Message Block (SMB) protocol.

8. **0.6666666666666666 / 1 point**

You have added the required client libraries to your application and are ready to connect to your Azure storage account. To work with data in a storage account, your app will need two pieces of data. What are these pieces of data?

- ☑ Azure Active Directory Account

✗ **This should not be selected**
Try going back and reviewing **Connect an app to Azure Storage**.

- ☑ REST API endpoint

✓ **Correct**
To work with data in a storage account, your app will need a REST API endpoint.

- ☑ Access key

✓ **Correct**
To work with data in a storage account, your app will need an Access key.

9. **1 / 1 point**

Azure Storage provides a REST API to work with the containers and data stored in each account. To work with data in a storage account, what pieces of data does your app need?

Select all options that apply.

- ☑ REST API Endpoint

✓ **Correct**
Azure Storage provides a REST API to work with the containers and data stored in each account. To work with data in a storage account, your app will need two pieces of data an access key and a REST API endpoint

- [ ] Private access key
- [x] Access key

✓ **Correct**
Azure Storage provides a REST API to work with the containers and data stored in each account. To work with data in a storage account, your app will need two pieces of data an access key and a REST API endpoint

- [ ] Public access key

10. Which of the following scenarios are suitable for Blob Storage solutions? **0.75 / 1 point**

Select all options that apply.

- [x] Serving images or documents directly to a browser

✓ **Correct**
Blob Storage is ideal for serving images or documents directly to a browser.

- [x] Storing data that is queried frequently

✗ **This should not be selected**
Blobs are usually not appropriate for structured data that needs to be queried frequently such as Relational Database content.

- [x] Storing data for backup and restore, disaster recovery, and archiving

✓ **Correct**
Blob Storage is ideal for storing data for backup and restore, disaster recovery, and archiving.

- [x] Storing data for analysis by an on-premises or Azure-hosted service

✓ **Correct**
Blob Storage is ideal for storing data for analysis by an on-premises or cloud service.

11. When connecting an app to multiple storage accounts, what will your app require? **0 / 1 point**

- ○ An Access key for each storage account
- ○ A single Access key to gain access to all storage accounts
- ◉ A Shared Access Key

✗ **Incorrect**
Try going back and reviewing **Connect an app to Azure Storage**.

12. By default, storage accounts accept connections from clients on any network. To limit access to selected networks you must first change this default action. **0.75 / 1 point**

Which of the following can you use to restrict access to selected networks?

- [x] Ranges of Ip addresses

✓ **Correct**
You can restrict access to a range of IP Addresses.

- [x] Virtual Networks

✓ **Correct**
You can restrict access to a Virtual Network.

- [x] Resource Group

✗ **This should not be selected**
Try going back and reviewing **Secure your Azure Storage account**.

- [x] Specific IP Addresses

✓ **Correct**
You can restrict access to specific IP Addresses.

13. Azure Storage supports Azure Active Directory and role-based access control (or RBAC) for both resource management and data operations. You can assign RBAC roles that are scoped to which of the following? **0.8 / 1 point**

Select all options that apply.

- [x] A storage account

✓ **Correct**
Azure Storage supports Azure Active Directory and role-based access control (or RBAC) for both resource management and data operations. you can assign RBAC roles that are scoped to an individual container, An individual queue, the storage account, the resource group, the subscription, and a management group.

- [x] A Resource group

✓ **Correct**
Azure Storage supports Azure Active Directory and role-based access control (or RBAC) for both resource management and data operations. you can assign RBAC roles that are scoped to an individual container, An individual queue, the storage account, the resource group, the subscription, and a management group.

- [x] An individual container or queue

✓ **Correct**
Azure Storage supports Azure Active Directory and role-based access control (or RBAC) for both resource management and data operations. you can assign RBAC roles that are scoped to an individual container, An individual queue, the storage account, the resource group, the subscription, and a management group.

- [x] A subscription,

✓ **Correct**
Azure Storage supports Azure Active Directory and role-based access control (or RBAC) for both resource management and data operations. you can assign RBAC roles that are scoped to an individual container, An individual queue, the storage account, the resource group, the subscription, and a management group.

- [x] Table

✗ **This should not be selected**
Try going back and reviewing **Secure your Azure Storage account**.

14. You can use a service-level SAS to allow access to specific resources in a storage account. What can you use this type of SAS to do? **1 / 1 point**

Select all options that apply.

- [ ] To allow an app or user to create file systems
- [x] To allow an app to download a file.

✓ **Correct**
You can use a service-level SAS to manage access to specific resources in a storage account. You can use this type of SAS, for example, to allow an app to download a file.

- [x] To allow an app to retrieve a list of files in a file system.

✓ **Correct**
You can use a service-level SAS to manage access to specific resources in a storage account. You can use this type of SAS, for example, to allow an app to retrieve a list of files in a file system.

15. **0 / 1 point**

Which of the following statements is true of storage accounts and blob containers?

- (•) Every blob lives inside a blob container. You can store a limited number of blobs in a container and an unlimited number of containers in a storage account.
- ( ) Every blob lives inside a blob container. You can only store a limited number of blobs in a container and a limited number of containers in a storage account.
- ( ) Every blob lives inside a blob container. You can store an unlimited number of blobs in a container and an unlimited number of containers in a storage account.

✗ **Incorrect**

Try going back and reviewing Store application data with **Azure Blob storage**.