Question 1

You are developing a C+ + application that compiles to a native application named process.exe. The application accepts images as input and returns images in one of the following image formats: GIF, PNG, or JPEG.

You must deploy the application as an Azure Function.

You need to configure the function and host json files.

How should you complete the json files? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

```
function.json
{
```

Answer:

	▼
"type": "http"	
"platform": "gcm"	
"dataType": "stream"	
"path": "process.exe"	

```
        "direction": "out",
        "name" : "result"
}
```

You develop Azure Web Apps for a commercial diving company. Regulations require that all divers fill out a health questionnaire every 15 days after each diving job starts.

You need to configure the Azure Web Apps so that the instance count scales up when divers are filling out the questionnaire and scales down after they are complete.

```
host.json
```

You need to configure autoscaling.

	▼
"customHandler": { "description": {	
"languageWorker" : { "path" : {	
"extensions": { "worker" : {	
"extensionBundle": {	

What are two possible autoscaling configurations to achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

```
        "defaultExecutablePath": "process.exe"
```

Options:

```
},
```

	▼
"enableForwardingHttpRequest": true	
"enableForwardingHttpRequest": false	

```
}
```

A- Predictive autoscaling

B- CPU usage-based autoscaling

C- Recurrence profile

D- Fixed date profile

Answer:

A, D

Question 3

You are developing a solution by using the Azure Event Hubs SDK. You create a standard Azure Event Hub with 16 partitions. You implement eight event processor clients.

You must balance the load dynamically when an event processor client fails. When an event processor client fails, another event processor must continue processing from the

exact point at which the failure occurred. All events must be aggregate and upload to an Azure Blob storage account

You need to implement event processing recovery for the solution.

Which SDK features should you use? To answer, select the appropriate options in the answer are

a.

Each correct selection is worth one point.

Requirement | **Feature**

Ensure that event process clients mark the position within an event sequence.

Offset
Checkpoint
Namespace
Capture

Question 4

Mark the event processor client position within a partition event sequence.

Offset
Checkpoint
Namespace
Capture

Question Type: **Hotspot**

You are developing an application that monitors data added to an Azure Blob storage account.

You need to process each change made to the storage account.

How should you complete the code segment? TO answer, select the appropriate options in the answer are
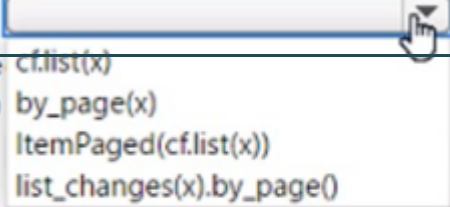
a.

NOTE: Each correct selection is worth one point.

```
cf = ChangeFeedClient("","")
x = None
while True:
    change_feed = cf.
```
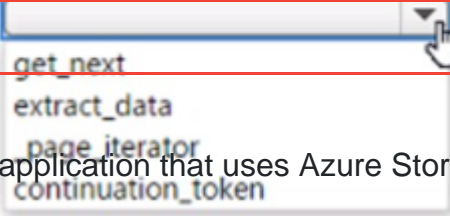
Answer:

```
    for c in change_fee  cf.list(x)
        ProcessChanges(c)  by_page(x)
                           ItemPaged(cf.list(x))
                           list_changes(x).by_page()
```

Question 5

```
    x = change_feed.
```

Question Type: **Hotspot**

```
    get_next
    extract_data
    page_iterator
    continuation_token
```

You are developing an application that uses Azure Storage to store customer dat

a. The data must only be decrypted by the customer and the customer must be provided a script to rotate keys.

You need to provide a script to rotate keys to the customer.

How should you complete the command? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

```
$h = $(az keyvault show --hsm-name … --query "properties.hsmUri"
$x = az keyvault [          ▼]  list-versions --name ""
  --vault-name ""   key
az storage account  secret
```

```
  --name … \        recover
  --resource-group  certificate
  --resource-group … \
  --encryption-key-name … \
  --encryption-key-version $x \
  --encryption-key-source [          ▼]
  --encryption-key-vault $  Microsoft.Secret            ⌖
                            Microsoft.Storage
                            Microsoft.Keyvault
                            Microsoft.certificate
```
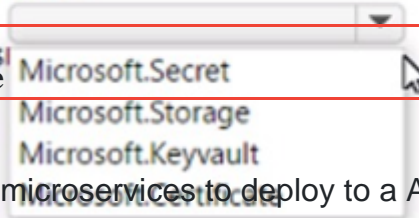
Question 6

Question Type: MultipleChoice

You are developing several microservices to deploy to a Azure Service cluster. The microservices manage data stored in Azure Cosmos DB and Azure Blob storage. The data is secured by using customer-managed keys stored in Aue Key Vault.

You must automate key rotation for all Key Vault keys and allow for manual key rotation. Keys must rotate every three months. Notifications Of expiring keys must be sent before key expiry.

You need to configure key rotation and enable key expiry notifications.

Which two actions should you perform? Each correct answer presents part Of solution.

NOTE: Each correct selection is worth

Options:

A- Create and configure a new Azure Event Grid instance.

B- Create configure a key rotation policy during key creation

C- Create and assign an Azure Key Vault access

D- Configure Azure Key Vault

Answer:

B, D

Explanation:

https://learn.microsoft.com/en-us/azure/key-vault/keys/how-to-configure-key-rotation

Question 7

Question Type: Hotspot

You are developing a solution that uses several Azure Service Bus queues. You create an Azure Event Grid subscription for the Azure Service Bus namespace. You use Azure Functions as subscribers to process the messages.

You need to emit events to Azure Event Grid from the queues. You must use principal of least privilege and minimize costs.

Which Azure Service Bus values should you use? TO answer, select the appropriate options in the answer area

Each correct selection is worth ore point

Configuration   **Value**

Tier   [▼]

Answer:
| Basic |
| Standard |
| Premium |

Access control (IAM) level   [▼]

Question 8

| Contributor |
| Data Receiver |
| Data Sender |
| Data Owner |

Question Type: MultipleChoice

You develop and deploy a web app to Azure App Service. The Azure App Service uses a Basic plan in a region.

Users report that the web app is responding must capture the complete call stack to help performance issues in code. Call stack data must be correlated across app instances. You must minimize cost and impact to users on the web app.

You need to capture the telemetry.

Which three actions should you perform? Each answer presents part Of the solution

NOTE: Each correct selection is worth point

Options:

A- Enable Application Insights site extensions.

B- Enable Profiler.

C- Restart all apps in the App Service plan.

D- Enable Snapshot debugger.

E- Enable remote debugging.

F- Enable the Always On setting for the app service.

G- Upgrade the Azure App Service plan to Premium

Answer:

C, D, F