Question #11 *Topic 1*

You build a custom Form Recognizer model.

You receive sample files to use for training the model as shown in the following table.

Name	Type	Size
File1	PDF	20 MB
File2	MP4	100 MB
File3	JPG	20 MB
File4	PDF	100 MB
File5	GIF	1 MB
File6	JPG	40 MB

Which three files can you use to train the model? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. File1 **Most Voted**

B. File2

C. File3 **Most Voted**

D. File4

E. File5

F. File6 **Most Voted**

Correct Answer: *ACF*

Community vote distribution

ACF (87%) 13%

Question #12 *Topic 1*

A customer uses Azure Cognitive Search.

The customer plans to enable a server-side encryption and use customer-managed keys (CMK) stored in Azure.

What are three implications of the planned change? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. The index size will increase. **Most Voted**

B. Query times will increase. **Most Voted**

C. A self-signed X.509 certificate is required.

D. The index size will decrease.

E. Query times will decrease.

F. Azure Key Vault is required. **Most Voted**

Correct Answer: *ABF*

Community vote distribution

ABF (94%) 6%

Question #13 *Topic 1*

You are developing a new sales system that will process the video and text from a public-facing website.
You plan to notify users that their data has been processed by the sales system.
Which responsible AI principle does this help meet?

A. transparency **Most Voted**

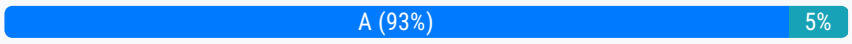
B. fairness

C. inclusiveness

D. reliability and safety

Correct Answer: *A*

Community vote distribution



Question #14 *Topic 1*

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You create a web app named app1 that runs on an Azure virtual machine named vm1. Vm1 is on an Azure virtual network named vnet1.
You plan to create a new Azure Cognitive Search service named service1.
You need to ensure that app1 can connect directly to service1 without routing traffic over the public internet.
Solution: You deploy service1 and a public endpoint to a new virtual network, and you configure Azure Private Link.
Does this meet the goal?

A. Yes

B. No **Most Voted**

Correct Answer: *B*

Community vote distribution

Question #15 *Topic 1*

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You create a web app named app1 that runs on an Azure virtual machine named vm1. Vm1 is on an Azure virtual network named vnet1.
You plan to create a new Azure Cognitive Search service named service1.
You need to ensure that app1 can connect directly to service1 without routing traffic over the public internet.
Solution: You deploy service1 and a public endpoint, and you configure an IP firewall rule.
Does this meet the goal?

A. Yes

B. No **Most Voted**

Correct Answer: *B*

Community vote distribution

B (100%)

Question #16 *Topic 1*

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You create a web app named app1 that runs on an Azure virtual machine named vm1. Vm1 is on an Azure virtual network named vnet1.
You plan to create a new Azure Cognitive Search service named service1.
You need to ensure that app1 can connect directly to service1 without routing traffic over the public internet.
Solution: You deploy service1 and a public endpoint, and you configure a network security group (NSG) for vnet1.
Does this meet the goal?

A. Yes

B. No **Most Voted**

Correct Answer: *B*

Community vote distribution

B (100%)

Question #17 *Topic 1*

You plan to perform predictive maintenance.

You collect IoT sensor data from 100 industrial machines for a year. Each machine has 50 different sensors that generate data at one-minute intervals. In total, you have 5,000 time series datasets.

You need to identify unusual values in each time series to help predict machinery failures.

Which Azure service should you use?

A. Anomaly Detector **Most Voted**

B. Cognitive Search

C. Form Recognizer

D. Custom Vision

Correct Answer: *A*

Community vote distribution

A (100%)

Question #18 *Topic 1*

HOTSPOT -

You are developing a streaming Speech to Text solution that will use the Speech SDK and MP3 encoding.

You need to develop a method to convert speech to text for streaming MP3 data.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

```
var audioFormat = [                              ] (AudioStreamContainerFormat.MP3);
                  AudioConfig.SetProperty
                  AudioStreamFormat.GetCompressedFormat
                  AudioStreamFormat.GetWaveFormatPCM
                  PullAudioInputStream

var speechConfig = SpeechConfig.FromSubscription("18c51a87-3a69-47a8-aedc-a54745f708a1", "westus");

var audioConfig = AudioConfig.FromStreamInput(pushStream, audioFormat);

using (var recognizer = new [                    ] (speechConfig, audioConfig))
                            KeywordRecognizer
                            SpeakerRecognizer
                            SpeechRecognizer
                            SpeechSynthesizer

{

var result = await recognizer.RecognizeOnceAsync();

var text = result.Text;

}
```

Correct Answer:

Answer Area

```
var audioFormat = [                              ] (AudioStreamContainerFormat.MP3);
                  AudioConfig.SetProperty
                  AudioStreamFormat.GetCompressedFormat
                  AudioStreamFormat.GetWaveFormatPCM
                  PullAudioInputStream

var speechConfig = SpeechConfig.FromSubscription("18c51a87-3a69-47a8-aedc-a54745f708a1", "westus");

var audioConfig = AudioConfig.FromStreamInput(pushStream, audioFormat);

using (var recognizer = new [                    ] (speechConfig, audioConfig))
                            KeywordRecognizer
                            SpeakerRecognizer
                            SpeechRecognizer
                            SpeechSynthesizer

{

var result = await recognizer.RecognizeOnceAsync();

var text = result.Text;

}
```

Reference:

https://docs.microsoft.com/en-us/azure/cognitive-services/speech-service/how-to-use-codec-compressed-audio-input-streams?tabs=debian&pivots=programming- language-csharp

Question #19 *Topic 1*

HOTSPOT -

You are developing an internet-based training solution for remote learners.

Your company identifies that during the training, some learners leave their desk for long periods or become distracted.

You need to use a video and audio feed from each learner's computer to detect whether the learner is present and paying attention. The solution must minimize development effort and identify each learner.

Which Azure Cognitive Services service should you use for each requirement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

From a learner's video feed, verify whether the learner is present: [ ]
- Face
- Speech
- Text Analytics

From a learner's facial expression in the video feed, verify whether the learner is paying attention: [ ]
- Face
- Speech
- Text Analytics

From a learner's audio feed, detect whether the learner is talking: [ ]
- Face
- Speech
- Text Analytics

Correct Answer:

Answer Area

From a learner's video feed, verify whether the learner is present: [ ]
- Face
- Speech
- Text Analytics

From a learner's facial expression in the video feed, verify whether the learner is paying attention: [ ]
- Face
- Speech
- Text Analytics

From a learner's audio feed, detect whether the learner is talking: [ ]
- Face
- Speech
- Text Analytics

Reference:

https://docs.microsoft.com/en-us/azure/cognitive-services/what-are-cognitive-services

Question #20 *Topic 1*

You plan to provision a QnA Maker service in a new resource group named RG1.
In RG1, you create an App Service plan named AP1.
Which two Azure resources are automatically created in RG1 when you provision the QnA Maker service? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Language Understanding

B. Azure SQL Database

C. Azure Storage

D. Azure Cognitive Search **Most Voted**

E. Azure App Service **Most Voted**

Correct Answer: *DE*

Community vote distribution

DE (75%) 14% 8%

Question #21 *Topic 1*

You are building a language model by using a Language Understanding (classic) service.
You create a new Language Understanding (classic) resource.
You need to add more contributors.
What should you use?

A. a conditional access policy in Azure Active Directory (Azure AD)

B. the Access control (IAM) page for the authoring resources in the Azure portal **Most Voted**

C. the Access control (IAM) page for the prediction resources in the Azure portal

Correct Answer: *B*

Community vote distribution

B (100%)

Question #22 *Topic 1*

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure Cognitive Search service.

During the past 12 months, query volume steadily increased.

You discover that some search query requests to the Cognitive Search service are being throttled.

You need to reduce the likelihood that search query requests are throttled.

Solution: You migrate to a Cognitive Search service that uses a higher tier.

Does this meet the goal?

A. Yes **Most Voted**

B. No

Correct Answer: *A*

Community vote distribution

A (79%) B (21%)

Question #23 *Topic 1*

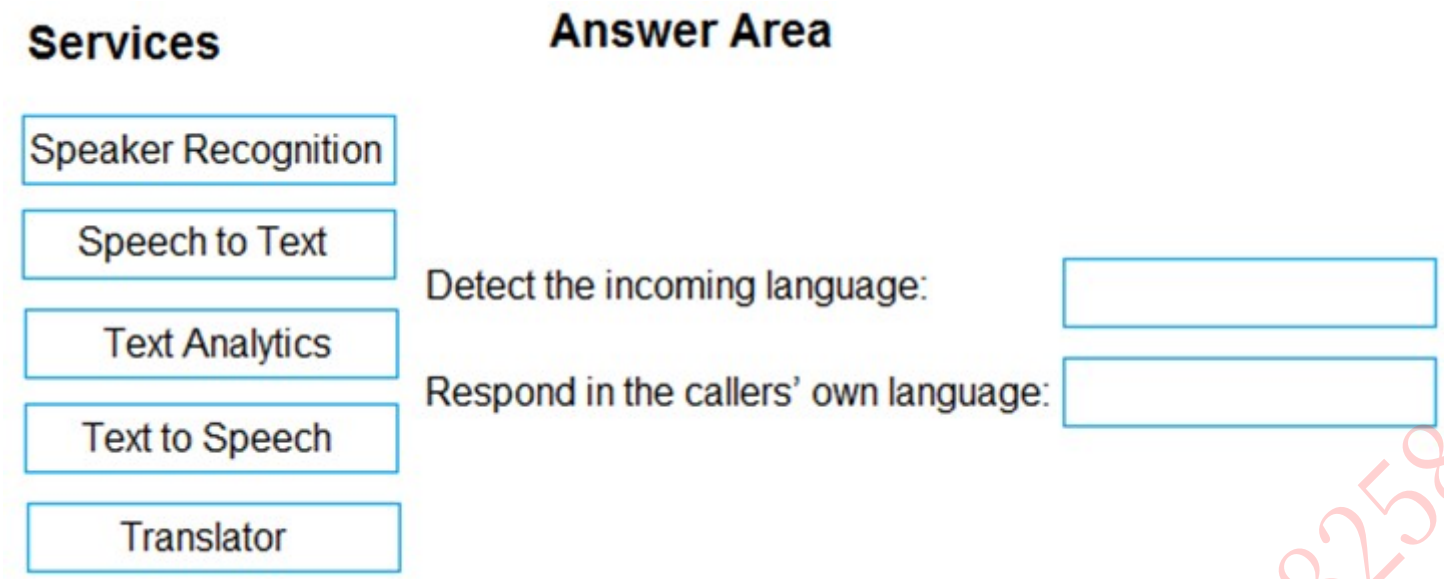
DRAG DROP -

You need to develop an automated call handling system that can respond to callers in their own language. The system will support only French and English.

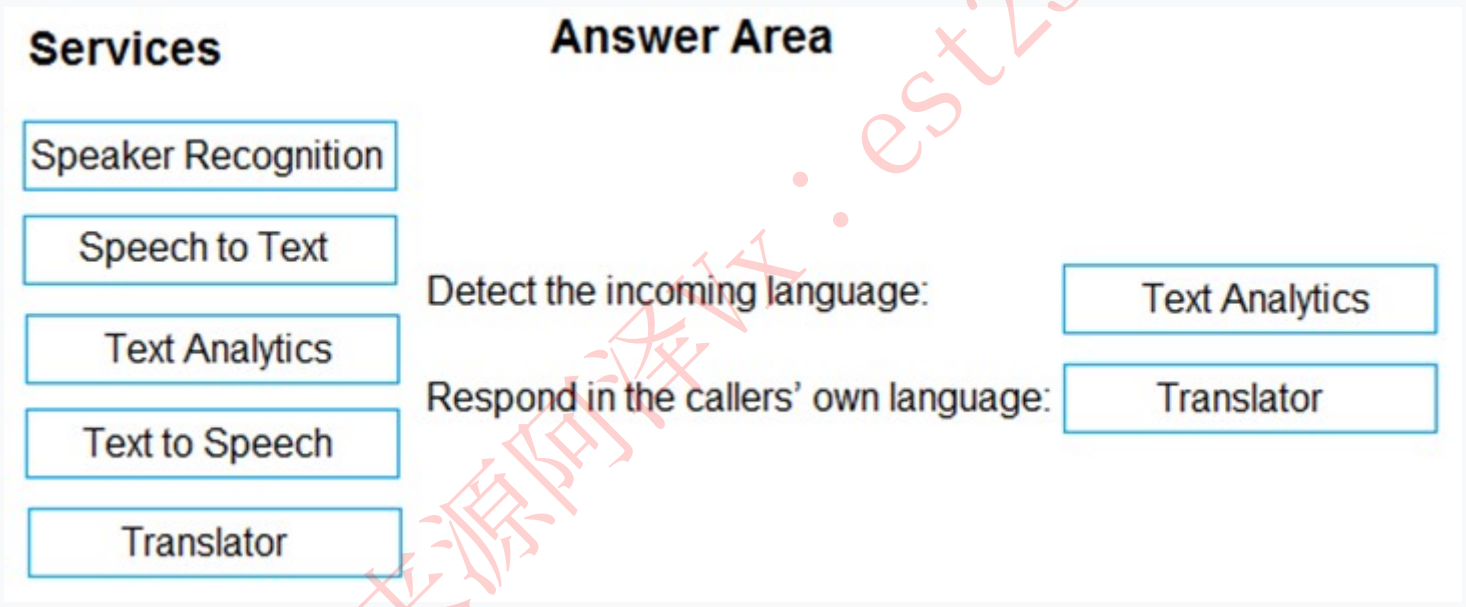
Which Azure Cognitive Services service should you use to meet each requirement? To answer, drag the appropriate services to the correct requirements. Each service may be used once, more than once, or not at all. You may need to drag the split bat between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:



Correct Answer:



Box 1: Text Analytics -

The Language Detection feature of the Azure Text Analytics REST API evaluates text input for each document and returns language identifiers with a score that indicates the strength of the analysis.

Incorrect Answers:

Speaker Recognition which accurately verifies and identifies speakers by their unique voice characteristics.

Box 2: Translator -

Translator is a cloud-based neural machine translation service that is part of the Azure Cognitive Services family of REST APIs. Translator can be used with any operating system and powers many Microsoft products and services used by thousands of businesses worldwide to perform language translation and other language-related operations.

Reference:

https://docs.microsoft.com/en-us/azure/cognitive-services/text-analytics/how-tos/text-analytics-how-to-language-detection

https://docs.microsoft.com/en-us/azure/cognitive-services/translator/translator-overview

Question #24 *Topic 1*

You have receipts that are accessible from a URL.
You need to extract data from the receipts by using Form Recognizer and the SDK. The solution must use a prebuilt model.
Which client and method should you use?

A. the FormRecognizerClient client and the StartRecognizeContentFromUri method

B. the FormTrainingClient client and the StartRecognizeContentFromUri method

C. the FormRecognizerClient client and the StartRecognizeReceiptsFromUri method **Most Voted**

D. the FormTrainingClient client and the StartRecognizeReceiptsFromUri method

Correct Answer: *C*

Community vote distribution

C (100%)

Question #25 *Topic 1*

You have a collection of 50,000 scanned documents that contain text.
You plan to make the text available through Azure Cognitive Search.
You need to configure an enrichment pipeline to perform optical character recognition (OCR) and text analytics. The solution must minimize costs.
What should you attach to the skillset?

A. a new Computer Vision resource

B. a free (Limited enrichments) Cognitive Services resource

C. an Azure Machine Learning Designer pipeline

D. a new Cognitive Services resource that uses the S0 pricing tier **Most Voted**

Correct Answer: *D*

Community vote distribution

D (91%) 5%