Question #30 *Topic 4*

HOTSPOT

-

You have an Azure subscription that contains an Azure AI Document Intelligence resource named DI1.

You build an app named App1 that analyzes PDF files for handwritten content by using DI1.

You need to ensure that App1 will recognize the handwritten content.

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

NOTE: Each correct selection is worth one point.

Answer Area

```
document_analysis_client = DocumentAnalysisClient(
  endpoint=endpoint, credential=AzureKeyCredential(key)
)
with open(<filePath>, "rb") as f:
  poller = document_analysis_client.begin_analyze_document(
      [ ▼ ]  document=f
  )
result = poller.result()
for style in result.styles:
  if style.is_handwritten and style.confidence > [ ▼ ]
    print("Document contains handwritten content: ")
    print(",".join([result.content[span.offset:span.offset + span.length] for span in style.spans]))
```

"prebuilt-document ",
"prebuilt-contract",
"prebuilt-read",

0.1
0.75
1.0

Correct Answer:

Answer Area

```
document_analysis_client = DocumentAnalysisClient(
  endpoint=endpoint, credential=AzureKeyCredential(key)
)
with open(<filePath>, "rb") as f:
  poller = document_analysis_client.begin_analyze_document(
      [ ▼ ]  document=f
  )
result = poller.result()
for style in result.styles:
  if style.is_handwritten and style.confidence > [ ▼ ]
    print("Document contains handwritten content: ")
    print(",".join([result.content[span.offset:span.offset + span.length] for span in style.spans]))
```

"prebuilt-document ",
"prebuilt-contract",
"prebuilt-read",

0.1
0.75
1.0

Question #31 *Topic 4*

DRAG DROP

-

You have an Azure subscription that contains a storage account named sa1 and an Azure AI Document Intelligence resource named DI1.

You need to create and train a custom model in DI1 by using Document Intelligence Studio. The solution must minimize development effort.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Upload five sample documents.	
Upload 50 sample documents.	
Upload JSON files that contain the document layout and labels.	
Train and test the model.	
Create a custom model project and link the project to sa1.	
Apply labels to the sample documents.	

Correct Answer:

Answer Area
Upload five sample documents.
Create a custom model project and link the project to sa1.
Apply labels to the sample documents.
Train and test the model.

Question #32 *Topic 4*

DRAG DROP

-

You have an Azure subscription that contains an Azure AI Document Intelligence resource named DI1 and a storage account named sa1. The sa1 account contains a blob container named blob1 and an Azure Files share named share1.

You plan to build a custom model named Model1 in DI1.

You create sample forms and JSON files for Model1.

You need to train Model1 and retrieve the ID of the model.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Actions	Answer Area
Call the Get info REST API function.	
Retrieve the access key for sa1.	
Call the Build model REST API function.	
Upload the forms and JSON files to share1.	
Upload the forms and JSON files to blob1.	
Create a shared access signature (SAS) URL for blob1.	
Call the Get model REST API function.	

Correct Answer:

Answer Area

1. Retrieve the access key for sa1.
2. Upload the forms and JSON files to blob1.
3. Call the Build model REST API function.
4. Call the Get model REST API function.

Question #33 *Topic 4*

You have an Azure subscription that contains an Azure AI Document Intelligence resource named AIdoc1.

You have an app named App1 that uses AIdoc1. App1 analyzes business cards by calling business card model v2.1.

You need to update App1 to ensure that the app can interpret QR codes. The solution must minimize administrative effort.

What should you do first?

A. Upgrade the business card model to v3.0.

B. Implement the read model.

C. Deploy a custom model.

D. Implement the contract model.

Correct Answer: *A*

Community vote distribution

A (100%)

Topic 5 - Question Set 5

Question #1 *Topic 5*

You build a bot by using the Microsoft Bot Framework SDK and the Azure Bot Service.
You plan to deploy the bot to Azure.
You register the bot by using the Bot Channels Registration service.
Which two values are required to complete the deployment? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. botId

B. tenantId

C. appId **Most Voted**

D. objectId

E. appSecret **Most Voted**

Correct Answer: *CE*

Community vote distribution

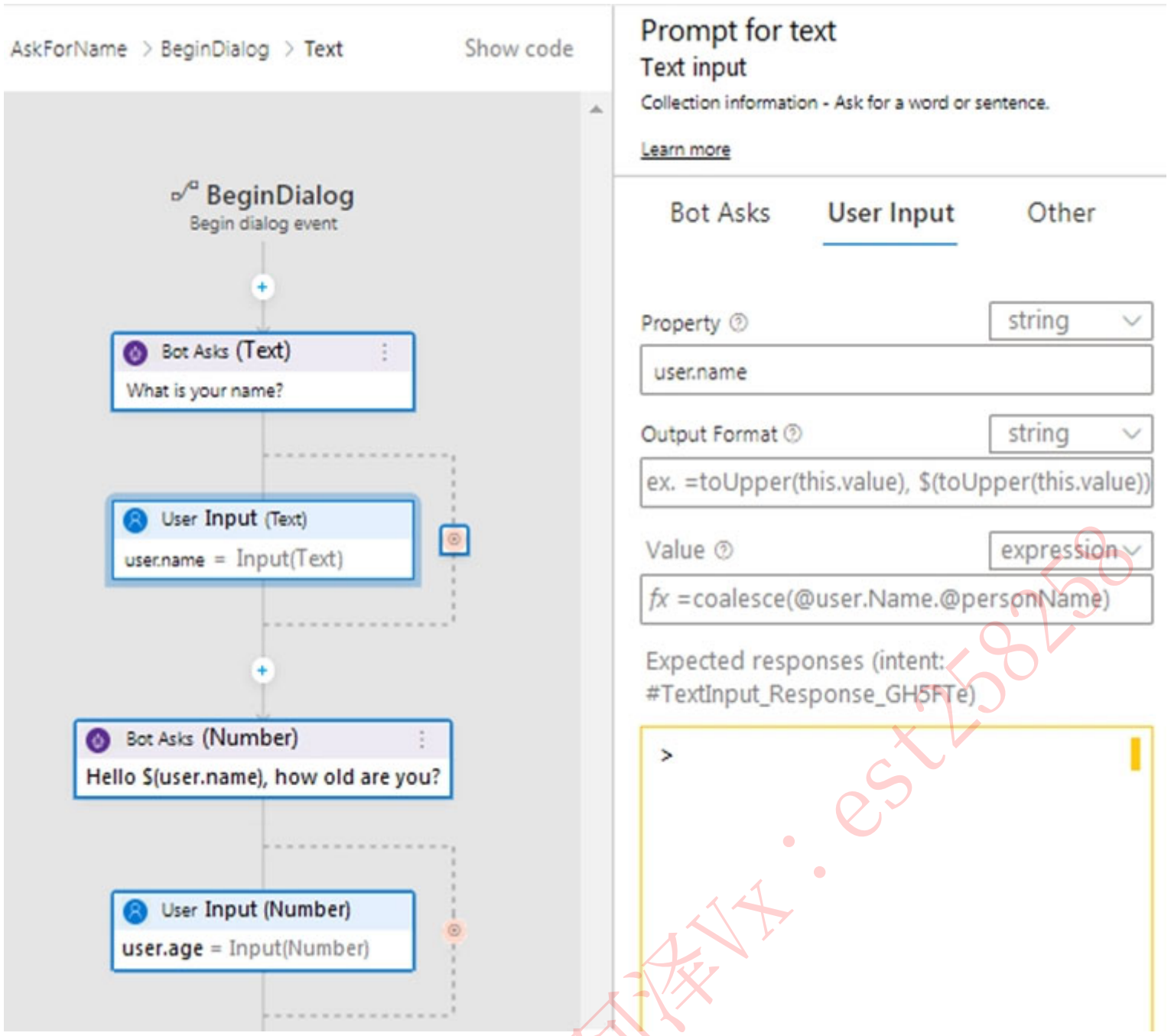
CE (100%)

Question #2 *Topic 5*

HOTSPOT -

You are building a chatbot by using the Microsoft Bot Framework Composer.

You have the dialog design shown in the following exhibit.



For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
`user.name` is an entity.	○	○
The dialog asks for a user name and a user age and assigns appropriate values to the `user.name` and `user.age` properties.	○	○
The chatbot attempts to take the first non-null entity value for `userName` or `personName` and assigns the value to `user.name`.	○	○

Correct Answer:

Answer Area

Statements	Yes	No
`user.name` is an entity.	○	●
The dialog asks for a user name and a user age and assigns appropriate values to the `user.name` and `user.age` properties.	●	○
The chatbot attempts to take the first non-null entity value for `userName` or `personName` and assigns the value to `user.name`.	●	○

Box 1: No -

User.name is a property.

Box 2: Yes -

Box 3: Yes -
The coalesce() function evaluates a list of expressions and returns the first non-null (or non-empty for string) expression.
Reference:
https://docs.microsoft.com/en-us/composer/concept-language-generation https://docs.microsoft.com/en-us/azure/data-explorer/kusto/query/coalescefunction

Question #3

Topic 5

You are building a multilingual chatbot.
You need to send a different answer for positive and negative messages.
Which two Language service APIs should you use? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Linked entities from a well-known knowledge base

B. Sentiment Analysis **Most Voted**

C. Key Phrases

D. Detect Language **Most Voted**

E. Named Entity Recognition

Correct Answer: *BD*

Community vote distribution

BD (100%)

Question #4 *Topic 5*

DRAG DROP -

You plan to build a chatbot to support task tracking.

You create a Language Understanding service named lu1.

You need to build a Language Understanding model to integrate into the chatbot. The solution must minimize development time to build the model.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:

Actions	Answer Area
Train the application.	
Publish the application.	
Add a new application.	
Add example utterances.	
Add the prebuilt domain ToDo.	

Correct Answer:

Actions	Answer Area
Train the application.	Add a new application.
Publish the application.	Add example utterances.
Add a new application.	Train the application.
Add example utterances.	Publish the application.
Add the prebuilt domain ToDo.	

Step 1: Add a new application -

Create a new app -

1. Sign in to the LUIS portal with the URL of https://www.luis.ai.
2. Select Create new app.
3. Etc.

Step 2: Add example utterances.

In order to classify an utterance, the intent needs examples of user utterances that should be classified with this intent.

Step 3: Train the application -

Step 4: Publish the application -

In order to receive a LUIS prediction in a chat bot or other client application, you need to publish the app to the prediction endpoint.

Reference:

https://docs.microsoft.com/en-us/azure/cognitive-services/luis/tutorial-intents-only

Question #5

Topic 5

You are building a bot on a local computer by using the Microsoft Bot Framework. The bot will use an existing Language Understanding model.

You need to translate the Language Understanding model locally by using the Bot Framework CLI.

What should you do first?

A. From the Language Understanding portal, clone the model.

B. Export the model as an .lu file. **Most Voted**

C. Create a new Speech service.

D. Create a new Language Understanding service.

Correct Answer: *B*

Community vote distribution

B (100%)

Question #6 *Topic 5*

DRAG DROP -

You are using a Language Understanding service to handle natural language input from the users of a web-based customer agent.

The users report that the agent frequently responds with the following generic response: "Sorry, I don't understand that."

You need to improve the ability of the agent to respond to requests.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:

Actions	Answer Area
Add prebuilt domain models as required.	
Validate the utterances logged for review and modify the model.	
Migrate authoring to an Azure resource authoring key.	
Enable active learning.	
Enable log collection by using Log Analytics.	
Train and republish the Language Understanding model.	

Correct Answer:

Actions	Answer Area
Add prebuilt domain models as required.	Add prebuilt domain models as required.
Validate the utterances logged for review and modify the model.	Enable active learning.
Migrate authoring to an Azure resource authoring key.	Train and republish the Language Understanding model.
Enable active learning.	
Enable log collection by using Log Analytics.	
Train and republish the Language Understanding model.	

Step 1: Add prebuilt domain models as required.

Prebuilt models provide domains, intents, utterances, and entities. You can start your app with a prebuilt model or add a relevant model to your app later.

Note: Language Understanding (LUIS) provides prebuilt domains, which are pre-trained models of intents and entities that work together for domains or common categories of client applications.

The prebuilt domains are trained and ready to add to your LUIS app. The intents and entities of a prebuilt domain are fully customizable once you've added them to your app.

Step 2: Enable active learning -

To enable active learning, you must log user queries. This is accomplished by calling the endpoint query with the log=true querystring parameter and value.

Step 3: Train and republish the Language Understanding model

The process of reviewing endpoint utterances for correct predictions is called Active learning. Active learning captures endpoint queries and selects user's endpoint utterances that it is unsure of. You review these utterances to select the intent and mark entities for these real-world utterances. Accept these changes into your example utterances then train and publish. LUIS then identifies utterances more accurately.
Incorrect Answers:
Enable log collection by using Log Analytics
Application authors can choose to enable logging on the utterances that are sent to a published application. This is not done through Log Analytics.
Reference:
https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-how-to-review-endpoint-utterances#log-user-queries-to-enable-active-learning https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-concept-prebuilt-model

Question #7 *Topic 5*

You build a conversational bot named bot1.
You need to configure the bot to use a QnA Maker application.
From the Azure Portal, where can you find the information required by bot1 to connect to the QnA Maker application?

A. Access control (IAM)

B. Properties

C. Keys and Endpoint **Most Voted**

D. Identity

Correct Answer: *C*

Community vote distribution

C (100%)