

# Azure Cognitive Services

## Pre-course evaluation

1. You need to build a chatbot that meets the following requirements.

- 1) Support chit-chat, knowledge base and multilingual models
- 2) performs sentimental analysis on user messages
- 3) Selects best language model automatically.

What should you integrate into the chatbot? (1 Point) \*

- ☐ QnA maker, Language understanding, and Dispatch
- ☐ Translator, speech and dispatch
- ☒ Language understanding, Text Analytics, and QnA maker
- ☐ Text Analytics, translator and dispatch

2. How should you create an application that monitors the comments on your company's web site and flags any negative posts? (1 Point) \*

- ☐ Use the Language service to perform sentiment analysis of the comments.
- ☒ Use the Language service to extract key phrases.
- ☐ Use the Language service to extract named entities from the comments.
- ☐ Use the Language service to detect the language of the text

3. You've scanned a letter into PDF format and need to extract the text it contains.  
What should you do? (1 Point) \*

- ☐ Use the Read API of Computer Vision service
- ☐ Use the Custom Vision service
- ☒ Use the Image Analysis API of Computer Vision service

4. You want to create a search solution that uses a built-in AI skill to determine the language in which each indexed document is written and enrich the index with a field indicating the language. Which kind of Azure Cognitive Search object must you create? (1 Point) \*

- ☒ Synonym map
- ☐ Skillset
- ☐ Scoring Profile
- ☐ Suggester

5. Which Azure OpenAI Studio playground is able to support conversation-in, message-out scenarios? (1 Point) \*

- ☐ Bot
- ☐ Chat
- ☐ Completions
- ☒ Text predictor

6. You have analyzed text that contains the word "Paris". How might you determine if this word refers to the French city or the character in Homer's "The Iliad"? (1 Point) \*

- ☐ Use the Language service to extract key phrases.
- ☐ Use the Language service to detect the language of the text.

- ☐ Use the Language service to extract linked entities.
- ☒ Use the Language service to extract named entities

7. What is the purpose of the Computer Vision service? (1 Point) \*

- ☐ To provide functionality for audio transcription
- ☒ To extract information from images
- ☐ To detect the presence and location of specific sounds within an audio file

8. You want to index a collection of text documents and search them from a mobile application. Which service should you use to create the index? (1 Point) \*

- ☒ The Language cognitive service
- ☐ Azure Cognitive Search
- ☐ Azure Bot Service
- ☐ Azure Vision Service

9. You want to find information in Microsoft Word documents that are stored in an Azure Storage blob container. What should you do to ensure the files can be accessed by Azure Cognitive Search? (1 Point) \*

- ☐ Add a JSON file that defines an Azure Cognitive Search index to the blob container
- ☒ Enable anonymous access for the blob container
- ☐ In an Azure Cognitive Services resource and add a data source that references the container where the files are stored

10. What Azure OpenAI base model can you deploy to access the capabilities of ChatGPT? (1 Point) \*

- ☒ gpt-35-turbo
- ☐ text-davinci-003
- ☐ text-embedding-ada-002 (Version 2)
- ☐ Whisper

11. Which API would be best for this scenario? You need to read a large amount of text with high accuracy. Some of the text is handwritten in English and some of it is printed in multiple languages. (1 Point) \*

- ☒ Vision API
- ☐ Image Analysis API
- ☐ Read API

12. Your company wants to reduce how long it takes for employees to log receipts in expense report. All the receipts are in English. You need to extract top level information from the receipts such as the vendor and the transaction total. The solution must minimize development effort. Which azure service should you use? (1 Point) \*

- ☐ Custom vision
- ☐ Personaliser
- ☐ Form recogniser
- ☒ Text analytics

13. What languages can the Read API detect? (1 Point) \*

- ☐ Only English at this time
- ☐ Nine languages, including Chinese, French, German, Italian, Japanese, Korean, Portuguese, and Spanish.
- ☒ Over 160 different languages

14. You are creating an index that includes a field named `modified_date`. You want to ensure that the `modified_date` field can be included in search results. Which attribute must you apply to the `modified_date` field in the index definition?

(1 Point) \*

- ☐ filterable
- ☒ searchable
- ☐ retrievable
- ☐ removable

15. You want to use the Computer Vision Analyze Image function to generate an appropriate caption for an image. Which visual feature should you specify?

(1 Point) \*

- ☐ Tags
- ☒ Description
- ☐ Category
- ☐ Index

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