

Exam Questions 1z0-1071

Oracle Cloud Platform Digital Assistant 2019 Associate

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NEW QUESTION 1

What is the output of this code?

```

8   context:
9     variables:
10    messages: "string"
11    states:
12    setMessage:
13      component: "System.SetVariable"
14      properties:
15        variable: "messages"
16        value:
17          - "One."
18          - "Two."
19          - "Three."
20    printMessages:
21      component: "System.Output"
22      properties:
23        text: |-
24            <#list messages.value as text>${text}
25
26            </#list>
27      transitions:
28        return: "done"

```

- A. The code will run into an infinite loop.
- B. Only first value - "One." will be printed.
- C. The code will fail to validate because |- is not a valid symbol.
- D. All the three values - "One." "Two." and "Three." will be printed.

Answer: B

NEW QUESTION 2

What happens if there is a system error and the state does not have an error action?

- A. The skill transitions to the state that is defined by the defaultTransitions error action.
- B. If there isn't one, then it outputs the Unexpected Error Prompt value.
- C. The skill transitions to the state that is defined by the next action.
- D. If there isn't one, then it transitions to the defaultTransitions error action.
- E. The skill transitions to the state that is defined by the next action.. If there isn't one, then it transitions to the next state in the dialog flow.
- F. The skill outputs the Unexpected Error Prompt value and then transitions to the state that is defined by the defaultTransitionerror action.
- G. If there isn't one, then it ends the conversation.

Answer: C

NEW QUESTION 3

Which three statements are FALSE regarding entity resolution using a composite bag?

- A. You can define multiple prompts for each entity item in the composite bag.
- B. The composite bag will automatically resolve any entity values found in the initial user input.
- C. When a user inputs entity values, they can only be resolved in the order in which they are defined within the composite bag.
- D. Each entity item in the composite bag can have only one value.
- E. Every entity item in the composite bag must be prompted for and have a value entered.
- F. You can define validation code using Apache Freemarker for entity item values.

Answer: ACE

NEW QUESTION 4

Select the FALSE statement regarding confidence levels when routing within a digital assistant.

- A. A confidence threshold is a value that's compared to the confidence level by the system, intent component to define the next action.
- B. Confidence level is the intent engine's score for utterance classification.
- C. All skills within a digital assistant must have the same confidence threshold.
- D. If other intents that exceed the confidence threshold have scores that are within that of the top intent by less than the win margin, these intents are also presented to the user.

Answer: A

NEW QUESTION 5

What statement correctly describes the Authentication Service in Oracle Digital Assistant?

- A. The Authentication Service authenticates users to Oracle Identity Cloud Service.
- B. It provides customizable login screens that are displayed in the context of a user-bot conversation.

- C. The Authentication Service holds the identity provider configuration that is used at run time in Oracle Digital Assistant to retrieve an access token that authorizes REST service calls.
- D. The Authentication Service authenticates Oracle Digital Assistant users to a social media identity provider (for example, Facebook) and associates social media accounts with accounts stored in the Oracle Identity Cloud Service.
- E. The Authentication Service allows bot designers to configure a custom webhook to authenticate and authorize users using the System.OauthAccountLink component.

Answer: D

NEW QUESTION 6

In reviewing a colleague's code, you note the following code in the dialog flow which takes user input and replaces the words "authorized user" or "auth user" with "AU" before then calling the intent resolution in the dialog flow with the altered string.

"\${utterance.value?replace('authorized user|auth user', 'AU')}" Why would your colleague have done this?

- A. The sentence is being normalized by replacing different versions of words such that they are aligned with the term used in the training utterances.
- B. By replacing "Authorized" and "auth", one is able to bypass the usual authentication mechanism, which requires a user to log on.
- C. "Authorized" and "auth" are reserved words and would fail intent resolution.
- D. The above code has no impact on intent resolution.
- E. The language tag is being changed to Australian (AU) to better match the language of the training utterances.

Answer: D

NEW QUESTION 7

Select the FALSE statement regarding Oracle's recommendation for defining your bot's personality and conversational design.

- A. You should hide from users the fact that they are communicating with a bot and give them the impression that it's a human they are interacting with.
- B. You should consider naming your bot and using an appropriate avatar.
- C. Your bot should have a persona that matches that of your target audience.
- D. Words carry emotions and you should carefully consider verbiage and tone in your dialog responses.

Answer: B

NEW QUESTION 8

intent has been configured with a composite bag entity. Which statement is FALSE?

- A. The skill may allow users to update their previous input.
- B. The conversation is entirely sequential, where users can only input values in the order determined by the dialog flow definition.
- C. The composite bag entity slots values as they are provided from the user input.
- D. It then prompts for other entity item values.
- E. The composite bag entity is typically resolved using a system.ResolveEntities component or a system.commonResponse component.

Answer: D

NEW QUESTION 9

Which two statements about skills are true?

- A. Customers can only chat with skill when those skills managed by a digital assistant.
- B. Skills can access back-end services.
- C. Skills have dialog flows that you may configure to create conversation.
- D. Skills always use natural languages processing (NLP).

Answer: AB

NEW QUESTION 10

Which two statements are true regarding local web application invocation using the system.webview component?

- A. Local webviews require a Node.js environment and must have a package, json file in their root folder.
- B. An SPA application can issue an Ajax post command to the callback URL that has been passed with the web application launch
- C. system.webview components can only be used with web channels.
- D. Local webviews require SPA applications to have an index.html file in their root folder.

Answer: AD

NEW QUESTION 10

You have a skill and want it to prompt users for their name. The name should then be used in the welcome message at the beginning of each bot-user session. Your user interface guidelines require that each part of the name begin with a capital letter (for example, John or Deo John Willin Doe).

Which two BotML code examples print the username correctly of the name is provided as "John William doe" or "JOHN doe"?

A)

```
printName:
  component: "System.Output"
  properties:
    text: "Welcome ${name.value?cap_first}"
```

- B)
- ```
printName:
 component: "System.Output"
 properties:
 text: "Welcome ${name.value?starts_with('capitalize')}}"
```
- C)
- ```
printName:
  component: "System.Output"
  properties:
    text: "Welcome <#list name.value?split(' ') as item>${item?capitalize} </#list>"
```
- D)
- ```
printName:
 component: "System.Output"
 properties:
 text: "Welcome ${name.value?capitalize}"
```
- E)
- ```
printName:
  component: "System.Output"
  properties:
    text: "Welcome <#list name.value?join(' ') as item>${item?lower_case?cap_first} </#list>"
```

- A. Option A
 B. Option B
 C. Option C
 D. Option D
 E. Option E

Answer: CD

NEW QUESTION 15

Which three options are true for this dialog flow code?

```
27 startBalances:
28   component: "System.SetVariable"
29   properties:
30     variable: "accountType"
31     value: "${iResult.value.entityMatches['AccountType']}[0]}"
32   transitions: {}
33 askBalancesAccountType:
34   component: "System.List"
35   properties:
36     options: "${accountType.type.enumValues}"
37     prompt: "For which account do you want your balance?"
38     variable: "accountType"
39   transitions: {}
```

- A. The above code is poor programming because the accountType variable will be set twice.
 B. If System
 C. SetVariable Sets accountType to a value, the System
 D. List component does not display a list of options.
 E. Usage of empty transitions is a bad practice because it can lead to unexpected results.
 F. The system.List component always displays a list of options, regardless of the value of accountType.
 G. If the result of calling system.SetVariable results in accountType being unset or null, the dialog engine moves to use the next state, which is a system.List component that shows various account options.

Answer: ABC

NEW QUESTION 18

Which two statements about using the OAuth2 client credential grant type in Oracle Digital Assistant are correct?

- A. The OAuth2 client credential grant type does not require a bot user to authenticate and instead uses a shared clientId and secret.
 B. The user must be logged in to an identity service provider using his or her username and password to obtain a client credential access token
 C. You use the Oracle Digital Assistant Authentication Service with the system
 D. OAuth2client component to obtain a client credential access token.
 E. The client credential grant type requires the system.OAuth2AccountLink component to obtain a token that propagates a user's identity between distributed systems.

- F. The OAuth2 client credential grant type uses the system
- G. Webview built-in component to perform social media login.

Answer: AC

NEW QUESTION 21

ting your skill with certain phrases, you notice that two intents within the skill consistently come out as the top two resolved ones and within a few points of each other.

Given the small and unpredictable nature of which intent was top, which strategy would be the easiest to employ to ensure that the user is able to choose the correct Intent?

- A. Keep adding training data until you get a predictable result every time.
- B. Change the Confidence Threshold during your testing until the correct intent always wins.
- C. For each intent, create an entity of phrases that are distinct to each intent, and add the appropriate entity to the corresponding intent.
- D. Change the Confidence Win Margin so that both intents are offered to the user.
- E. Change the Explicit Invocation Threshold to zero to ensure that the correct intent is picked up when the user mentions the name of the intent.

Answer: E

NEW QUESTION 22

What is the purpose of the training models within Oracle Digital Assistant?

- A. build a complete semantic language model allowing a skill to understand 98% of user input in the trained language
- B. automatically crowdsource sample data to which user input is matched
- C. automatically create n number of classifications where n is a parameter defined for each skill
- D. allow a skill to classify user input to defined intents

Answer: D

NEW QUESTION 27

What is the primary purpose of a user channel in Oracle Digital Assistant?

- A. It provides the primary mechanism for embedding skills within a digital assistant.
- B. It provides a simple way to expose PL/SQL packages as REST data services.
- C. It provides a simple way to connect and adapt messages between a skill or digital assistant and a messenger client.
- D. It provides a generic mobile app or web app that you can directly embed in any messenger client.
- E. It provides a simple way to connect custom components with back-end systems.

Answer: B

NEW QUESTION 30

Which two components can be used in combination with composite bag entities to auto-generate skill responses and flows from definitions saved in bag items?

- A. System.ResolveEntities
- B. System.Text
- C. System.MatchEntity
- D. System.CommonResponse
- E. System.List

Answer: AD

Explanation:

<https://docs.oracle.com/en/cloud/paas/digital-assistant/use-chatbot/entities1.html#GUID-603C4329-DBBA-42C>

NEW QUESTION 32

At the end of its execution, a custom component processes the following lines of code, with the conversation variable being the reference to the custom component SDK.

conversation.reply("HelloWorld* "); conversation. keepTurn (true) ; done () ; Which statement correctly describes what this code does?

- A. The code prints "HelloWorld" as a message and waits for user input.
- B. The code prints "HelloWorld" as a message and triggers dialog flow navigation to the next state.
- C. The code prints "HelloWorld" multiple times until an infinite loop gets detected by the dialog flow engine.
- D. The code prints the "HelloWorld" message in response to the next user message.
- E. The code triggers dialog flow navigation to a state, which has its name mapped to the current dialog flow state's HelloWorld action transition.

Answer: D

NEW QUESTION 36

You are advised to implement an 80/20 split with training and test utterances. This means that 80% of new utterances harvested from the conversation logs should be used as intent training utterances and 20% for testing.

Why is this a good practice?

- A. Adding 100% of user phrases to the intent would overload the model.
- B. Batch testing works more efficiently when there is a ratio of one test utterance for every five training utterances.
- C. By performing an 80/20 split, you are randomizing which data is added to the utterances.
- D. By keeping 20% for testing, you are able to test the model with data on which it has not been specifically trained.

Answer: A

NEW QUESTION 39

You have gone through a number of testing iterations of your customer's skill that comprises 10 intents. But you find that generally the best you can get is a confidence score of 96%, even when the user phrase is identical to one of your training utterances. What should you recommend to your customer regarding this intent confidence score?

- A. Keep iterating on user testing and add more training utterances until you can achieve a confidence level of 100% on your user input.
- B. For every verb in your training utterances, ensure you add a version of the utterance which also covers the past, present, and future tense of the verb.
- C. It is not always possible to achieve 100% confidence and adding more utterances may not help the problem.
- D. Therefore, do not make further changes to the skill if it is performing to your expectations.
- E. The highest possible confidence with 10 intents is 10% (100% divided by the number of intents). So, no further changes to the skill are required.
- F. Add more utterances to the unresolvedIntent.

Answer: D

NEW QUESTION 40

Oracle Digital Assistant supports several messenger-specific channel types, such as iOS, Android, Web, and Facebook. If your messenger client is not supported, what is the simplest way to connect your skill or digital assistant to the client?

- A. Use a custom component to extend a supported channel type.
- B. Implement the channel using a Webhook.
- C. You can't connect to a unsupported messenger client.
- D. You can only connect channels to the supported clients.
- E. Ensure that your skill only outputs text and not Images or visual components such as card.
- F. Then use the standard Web channel, which you can use for text-only conversations.

Answer: B

NEW QUESTION 41

want to save some user input, such as the type of pizza a particular user last ordered, so that it's available the next time that user starts a conversation. Which type of variable should you use to persist values across multiple invocations of the conversation?

- A. skill variables
- B. user variables
- C. context variables
- D. profile variables

Answer: A

NEW QUESTION 43

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