

PRACTICE QUESTIONS

IBM watsonx AI Assistant Engineer v1 - Professional

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EDITION Free Set 1

QUESTIONS 10

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EXAM IBM watsonx AI Assistant Engineer v1 - Professional

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10 practice questions for the IBM watsonx AI Assistant Engineer v1 - Professional exam, each followed by its answer and a short explanation. More free sets and the full practice exam:

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1. Which description of a multi-turn conversation is correct for a virtual assistant?

- A Each message is processed independently, with no memory of earlier turns or collected details
- B The assistant reuses information gathered in earlier messages when it answers later ones
- C The assistant answers only with fixed FAQ text and never asks follow-up questions
- D Every message is forwarded to a live agent without any automated reply

Answer: B

Multi-turn means the assistant carries state, such as an order number or account type, across several exchanges. A stateless design treats each message in isolation, which is the tempting misreading of the term. FAQ-only bots and automatic live-agent forwarding are different designs and do not describe multi-turn behavior.

2. A chatbot that replies to every message with the same menu of options, without interpreting the text, is called a _____ based bot.

Answer: rule (also accepted: rule-based)

A rule-based bot follows predefined paths, so it depends on the user picking an option or using an expected keyword. An intent-based assistant instead interprets free-form messages. The two terms describe the same contrast, so both spellings are accepted.

3. Which entity feature lets a value match even when the user misspells it?

- A Fuzzy matching
- B Value synonyms
- C A digression, which lets the user change topic and then return to the earlier flow
- D A welcome node

Answer: A

Fuzzy matching lets an entity match close variations of a value, which helps with typos and minor spelling differences. Synonyms map alternate names to a canonical value but require each variant to be listed. A digression and a welcome node control flow rather than matching values.

4. Adding more example phrases to an intent always makes it more accurate, so the examples never need review.
- A True
 - B False

Answer: B (False)

More examples help only when they are varied and correct. Poor or overlapping examples can pull messages into the wrong intent, so examples need regular review against the conversation logs.

5. Which TWO statements about extensions and slots are accurate? (Choose two.)
- A Slots replace the need for intents in every case
 - B Extensions run only inside the chat widget and cannot reach an external service
 - C An extension lets an action call an external API described by an OpenAPI definition
 - D Slots are stored permanently in the browser cache of every visitor
 - E A required slot can keep prompting the user until it has a valid value

Answer: C, E

An extension is described with an OpenAPI definition so the action knows how to call the service. A required slot keeps the conversation going until the value is valid. Slots do not replace intents, extensions can call external services, and slot values are held in the conversation rather than in the browser cache.

6. An action must call an external REST service. Which Watson Assistant feature defines how the assistant calls that service?
- A An extension
 - B A synonym list
 - C The welcome node
 - D A digression

Answer: A

An extension describes an external API so an action can call it and use the response. A synonym list only maps words to values, and the welcome node and digressions control conversation flow. Extensions are the mechanism for connecting outside services.

7. What is the main benefit of indexing documents for search-based answers?
- A It removes the need for testing before launch, because the platform checks the index automatically
 - B It lets the assistant skip user authentication
 - C The assistant can answer from current content without hard-coding every answer into a dialog node
 - D It converts the chat widget into a voice channel

Answer: C

Indexed content can be updated and searched without rewriting every dialog branch, which keeps answers current. Indexing does not replace testing, and it has no effect on authentication or channels. Believing it removes testing is a common overreach.

8. A _____ is a small piece of a document that is indexed separately so that search can return a relevant passage.

Answer: chunk (also accepted: passage)

Documents are split into chunks so that a search can return only the part that answers the question. Very large chunks dilute relevance, and very small ones lose context. The blank asks for the unit that is indexed.

9. Which channel lets customers call a phone number and speak with the assistant?
- A Web chat widget on a public website, where visitors type questions and receive text replies
 - B Slack app
 - C Twitter direct messages
 - D Telephony (voice) integration

Answer: D

A telephony integration connects the assistant to voice calls, so callers can speak and hear replies. A web chat widget serves typed chat on a site, and Slack and Twitter are messaging channels. Choosing the right channel depends on how the customer reaches the business.

10. A team wants its staff to use the assistant from inside their everyday messaging tool. Which integration fits best?
- A Slack
 - B Telephony
 - C Web chat embedded on the public homepage
 - D A REST extension

Answer: A

The Slack integration places the assistant in a workspace where staff already communicate. Telephony serves callers, web chat serves public visitors, and an extension is a way to call an outside service rather than a channel for users. The audience determines the right channel.