



Vendor: Cisco

Exam Code: 810-110

Exam Name: Cisco AI Technical Practitioner (AITECH)

Version: DEMO

Exam A

QUESTION 1

Why is defining a persona considered a best practice for technical prompt engineering?

- A. It provides instructions for desired action.
- B. It reduces the total token usage.
- C. It provides a pattern to emulate.
- D. It guides the tone and vocabulary.

Answer: D

Explanation:

Defining a persona guides the AI to respond with the appropriate role-based tone, vocabulary, level of technical depth, and communication style for the intended audience.

QUESTION 2

A practitioner is solving a complex architectural problem by breaking it into four sequential prompts. Each prompt's output is fed as input into the next prompt in the sequence. Which prompt engineering technique is being used?

- A. few-shot prompting
- B. meta-prompting
- C. prompt chaining
- D. chain-of-thought prompting

Answer: C

Explanation:

Prompt chaining breaks a complex task into a sequence of connected prompts, where each response becomes part of the input for the next step.

QUESTION 3

Which strategy should be used to mitigate hallucinations when asking an AI to summarize a specific technical document?

- A. requesting citations for the summary
- B. using a short system prompt
- C. increasing the model creativity
- D. removing negative constraints

Answer: A

Explanation:

Requesting citations grounds the summary in the provided technical document and makes the model support its claims with specific source references, reducing the chance of unsupported or fabricated content.

QUESTION 4

A practitioner uses self-consistency by running the same prompt three times and comparing the results. What is the goal of this strategy?

- A. to increase the response speed
- B. to verify the output reliability

- C. to bypass the context window
- D. to increase the model creativity

Answer: B

Explanation:

Self-consistency compares multiple responses to the same prompt to check whether the model produces stable, reliable results across repeated runs.

QUESTION 5

When using AI to draft a technical proposal, what is the benefit of a format-agnostic strategy?

- A. It maintains contextual alignment.
- B. It minimizes token consumption.
- C. It allows for easy repurposing.
- D. It ensures the most creative text.

Answer: C

Explanation:

A format-agnostic strategy keeps the content independent of a specific final layout, making it easier to reuse or adapt the same proposal material for different formats such as email, slides, documents, or reports.

QUESTION 6

What is a corporate data privacy risk when using a public AI chatbot?

- A. The AI will provide biased technical advice.
- B. The input data may be used for model training.
- C. The AI will provide hallucinated technical specifications.
- D. The data will be encrypted at rest instead of in transit.

Answer: B

Explanation:

A public AI chatbot may retain submitted corporate data or use it to improve model training, which can expose confidential, proprietary, or regulated information outside the organization's control.

QUESTION 7

Which action demonstrates the principle of fairness in a generative AI deployment?

- A. redacting PII from the training dataset
- B. hosting the model in a carbon-neutral data center
- C. requiring users to sign Acceptable Use Policies
- D. auditing model outputs for bias

Answer: D

Explanation:

Fairness requires checking whether model outputs treat users or groups equitably, so auditing outputs for bias helps identify and reduce discriminatory or unequal outcomes.

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