

PRACTICE QUESTIONS

Google Cloud

Generative AI Leader

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EDITION	Free Set 2
QUESTIONS	10
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EXAM	Google Cloud Generative AI Leader

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10 practice questions for the Google Cloud Generative AI Leader exam, each followed by its answer and a short explanation. More free sets and the full practice exam:

www.aiexamcerts.com/google-cloud/generative-ai-leader. Spotted a mistake? Email support@aiexamcerts.com with the exam name and the question number.

1. Which statement about hallucination in generative AI is most accurate?
- A Hallucinations come only from too little training data, so a larger corpus removes them entirely
 - B A fluent and confident answer is always factually correct
 - C A model can state unsupported facts fluently, so important outputs need verification
 - D Hallucinations are removed entirely by raising the temperature setting

Answer: C

Fluency and confidence do not guarantee accuracy, so outputs that matter need checking against sources. Small training sets make the problem worse, but they are not its only cause. Raising the temperature increases randomness and does not remove hallucination.

2. A model that scores well on public benchmarks automatically performs well on the company's own tasks.
- A True
 - B False

Answer: B (False)

The statement is false. Benchmarks measure general capability, while a company's task depends on its own data, terminology and quality bar. Teams should evaluate on representative examples of their own work.

3. Which Google model family is best known for generating images from text prompts?
- A Imagen
 - B Chirp
 - C Veo
 - D Gemma

Answer: A

Imagen is Google's text-to-image model family. Chirp is a speech model, Veo focuses on video generation, and Gemma is an open model family for text tasks. Veo is the tempting near-miss because it is also generative media.

4. The Google Cloud service that stores embeddings and returns the nearest matches to a query is called Vertex AI _____.

Answer: Vector Search

Vertex AI Vector Search performs similarity lookups over embeddings at scale, which supports retrieval for grounded generation. It stores vectors, not documents as such. The blank is Vector Search.

5. Which two elements should a business case for generative AI include? (Choose two.)

- A Expected value and measurable outcomes
- B Model parameter counts as the primary success measure
- C Ongoing costs such as usage, human review effort and maintenance
- D A promise of full automation with no human role
- E Vendor marketing claims as the only evidence of value

Answer: A, C

A credible case states what value is expected and how it will be measured, and it accounts for recurring costs such as usage and review time. Parameter counts say nothing about business value. Promises of full automation and vendor claims alone are not evidence.

6. What does grounding a model's response mean?

- A Lowering the temperature to zero
- B Restricting the output to a fixed list of words
- C Encrypting the prompt with customer-managed keys so the answer is verified
- D Connecting the response to verifiable sources such as enterprise data

Answer: D

Grounding ties the answer to sources that can be checked, which reduces unsupported claims. Lowering temperature changes randomness, not sourcing. Encryption protects data but does not link answers to evidence, and word lists restrict vocabulary rather than facts.

7. A customer wants a support bot to use a consistent brand voice. What is the most practical way to guide its tone?

- A Give the model a system instruction and example replies that define the tone
- B Change the time zone and region of the serving endpoint to match the brand's market
- C Increase the number of GPUs in the cluster
- D Turn off the safety filters so the bot can be more expressive

Answer: A

A system instruction with example replies gives the model a clear style target that applies to every answer. Time zones and GPU counts have no effect on tone. Turning off safety filters increases risk and does nothing to set a voice.

8. Model cards are one way to document a model's intended use, evaluation results and known limitations.

- A True
- B False

Answer: A (True)

The statement is true. A model card gives users and reviewers a standard summary of what the model is for, how it was evaluated and where it falls short. It supports informed use rather than blind trust.

9. Which factor most often keeps a generative AI proof of concept from moving into production?

- A Strong user demand in week one that makes measurement unnecessary
- B A pilot that uses real data
- C Good documentation for the team
- D A lack of evaluation, monitoring and workflow integration

Answer: D

A demo that lacks evaluation, monitoring and workflow integration cannot be trusted or supported at scale. Real data and documentation help production readiness. Strong early demand is a good problem that teams plan for.

10. Which principle means generated content should be traceable to its sources where possible?

- A Transparency and attribution
- B Data minimization
- C Anonymous model training with no records
- D Automation without oversight

Answer: A

Transparency and attribution let people see where an answer came from and check it. Data minimization limits what is collected rather than tracing answers to sources, and anonymous training without records and automation without oversight both reduce the ability to verify outputs.