



ORACLE 1Z0-1127-24

Oracle Cloud Infrastructure Generative AI Professional Certification
Questions & Answers

Exam Summary – Syllabus – Questions

1Z0-1127-24

Oracle Cloud Infrastructure 2024 Generative AI Certified Professional

40 Questions Exam – 65% Cut Score – Duration of 90 minutes

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Know Your 1Z0-1127-24 Certification Well:

The 1Z0-1127-24 is best suitable for candidates who want to gain knowledge in the Oracle Cloud Infrastructure. Before you start your 1Z0-1127-24 preparation you may struggle to get all the crucial Cloud Infrastructure Generative AI Professional materials like 1Z0-1127-24 syllabus, sample questions, study guide.

But don't worry the 1Z0-1127-24 PDF is here to help you prepare in a stress free manner.

The PDF is a combination of all your queries like-

- What is in the 1Z0-1127-24 syllabus?
- How many questions are there in the 1Z0-1127-24 exam?
- Which Practice test would help me to pass the 1Z0-1127-24 exam at the first attempt?

Passing the 1Z0-1127-24 exam makes you Oracle Cloud Infrastructure 2024 Generative AI Certified Professional. Having the Cloud Infrastructure Generative AI Professional certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

Oracle 1Z0-1127-24 Cloud Infrastructure Generative AI Professional Certification Details:

Exam Name	Oracle Cloud Infrastructure 2024 Generative AI Professional
Exam Code	1Z0-1127-24
Exam Price	USD \$245 (Pricing may vary by country or by localized currency)
Duration	90 minutes
Number of Questions	40
Passing Score	65%
Format	Multiple Choice Questions (MCQ)
Recommended Training	Become a OCI Generative AI Professional
Schedule Exam	Buy Oracle Training and Certification
Sample Questions	Oracle Cloud Infrastructure 2024 Generative AI Certified Professional
Recommended Practice	1Z0-1127-24 Online Practice Exam

1Z0-1127-24 Syllabus:

<p>Fundamentals of Large Language Models (LLMs)</p>	<ul style="list-style-type: none"> - Explain the fundamentals of LLMs - Understand LLM architectures - Design and use prompts for LLMs - Understand LLM fine-tuning - Understand the fundamentals of code models, multi-modal, and language agents 	<p>20%</p>
<p>Using OCI Generative AI Service</p>	<ul style="list-style-type: none"> - Explain the fundamentals of OCI Generative AI service - Use pretrained foundational models for Generation, Summarization, and Embedding - Create dedicated AI clusters for fine-tuning and inference - Fine-tune base model with custom dataset - Create and use model endpoints for inference - Explore OCI Generative AI security architecture 	<p>45%</p>
<p>Building an LLM Application with OCI Generative AI Service</p>	<ul style="list-style-type: none"> - Understand Retrieval Augmented Generation (RAG) concepts - Explain vector database concepts - Explain semantic search concepts - Build LangChain models, prompts, memory, and chains - Build an LLM application with RAG and LangChain - Trace and evaluate an LLM application - Deploy an LLM application 	<p>35%</p>

Oracle 1Z0-1127-24 Sample Questions:

Question: 1

When is fine-tuning an appropriate method for customizing a Large Language Model (LLM)?

- a) When the LLM does not perform well on a task and the data for prompt engineering is too large
- b) When the LLM requires access to the latest data for generating outputs
- c) When the LLM already understands the topics necessary for text generation
- d) When you want to optimize the model without any instructions

Answer: a

Question: 2

Which statement is true about Fine-tuning and Parameter-Efficient Fine-Tuning (PEFT)?

- a) Fine-tuning requires training the entire model on new data, often leading to substantial computational costs, whereas PEFT involves updating only a small subset of parameters, minimizing computational requirements and data needs.
- b) PEFT requires replacing the entire model architecture with a new one designed specifically for the new task, making it significantly more data-intensive than Fine-tuning.
- c) Both Fine-tuning and PEFT require the model to be trained from scratch on new data, making them equally data and computationally intensive.
- d) Fine-tuning and PEFT do not involve model modification; they differ only in the type of data used for training, with Fine-tuning requiring labeled data and PEFT using unlabeled data.

Answer: a

Question: 3

How can the concept of "Groundedness" differ from "Answer Relevance" in the context of Retrieval Augmented Generation (RAG)?

- a) Groundedness refers to contextual alignment, whereas Answer Relevance deals with syntactic accuracy.
- b) Groundedness pertains to factual correctness, whereas Answer Relevance concerns query relevance.
- c) Groundedness measures relevance to the user query, whereas Answer Relevance evaluates data integrity.
- d) Groundedness focuses on data integrity, whereas Answer Relevance emphasizes lexical diversity.

Answer: b

Question: 4

In which scenario is soft prompting appropriate compared to other training styles?

- a) When there is a need to add learnable parameters to a Large Language Model (LLM) without task-specific training
- b) When the model requires continued pretraining on unlabeled data
- c) When the model needs to be adapted to perform well in a domain on which it was not originally trained
- d) When there is a significant amount of labeled, task-specific data available

Answer: a

Question: 5

How are documents usually evaluated in the simplest form of keyword-based search?

- a) Based on the number of images and videos contained in the documents
- b) By the complexity of language used in the documents
- c) Based on the presence and frequency of the user-provided keywords
- d) According to the length of the documents

Answer: c

Question: 6

Which statement is true about string prompt templates and their capability regarding variables?

- a) They require a minimum of two variables to function properly.
- b) They are unable to use any variables.
- c) They can only support a single variable at a time.
- d) They support any number of variables, including the possibility of having none.

Answer: d

Question: 7

Why is it challenging to apply diffusion models to text generation?

- a) Because text generation does not require complex models
- b) Because text is not categorical
- c) Because text representation is categorical unlike images
- d) Because diffusion models can only produce images

Answer: c

Question: 8

What is the purpose of Retrieval Augmented Generation (RAG) in text generation?

- a) To store text in an external database without using it for generation
- b) To generate text using extra information obtained from an external data source
- c) To retrieve text from an external source and present it without any modifications
- d) To generate text based only on the model's internal knowledge without external data

Answer: b

Question: 9

Which is a characteristic of T-Few fine-tuning for Large Language Models (LLMs)?

- a) It does not update any weights but restructures the model architecture.
- b) It updates all the weights of the model uniformly.
- c) It selectively updates only a fraction of the model's weights.
- d) It increases the training time as compared to Vanilla fine-tuning.

Answer: c

Question: 10

In the simplified workflow for managing and querying vector data, what is the role of indexing?

- a) To convert vectors into a nonindexed format for easier retrieval
- b) To map vectors to a data structure for faster searching, enabling efficient retrieval
- c) To compress vector data for minimized storage usage
- d) To categorize vectors based on their originating data type (text, images, audio)

Answer: b

Study Guide to Crack Oracle Cloud Infrastructure Generative AI Professional 1Z0-1127-24 Exam:

- Getting details of the 1Z0-1127-24 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the 1Z0-1127-24 exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the Oracle provided training for 1Z0-1127-24 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the 1Z0-1127-24 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on 1Z0-1127-24 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for 1Z0-1127-24 Certification

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