

# CT-GenAI Übungsmaterialien & CT-GenAI realer Test & CT-GenAI Testvorbereitung

## CT-GenAI ISTQB® Exam

Die ISQI CT-GenAI Zertifizierungsprüfung ist heutzutage in der konkurrenzfähigen IT-Branche immer beliebter geworden. Immer mehr Leute haben die ISQI CT-GenAI Prüfung abgelegt. Aber ihre Schwierigkeit nimmt doch nicht ab. Es ist schwer, die ISQI CT-GenAI Prüfung zu bestehen, weil sie sowieso eine autoritäre Prüfung ist, die Computerfachkenntnisse und die Fähigkeiten zur Informationstechnik prüft. Viele Leute haben viel Zeit und Energie auf die ISQI CT-GenAI Zertifizierungsprüfung aufgewendet.

Wir Fast2test haben uns seit Jahren um die Entwicklung der Software bemühen, die die Leute helfen, die in der IT-Branche bessere Arbeitsperspektive möchten, die ISQI CT-GenAI Prüfung zu bestehen. Trotzdem es schon zahlreiche ISQI CT-GenAI Prüfungsunterlagen auf dem Markt gibt, ist die ISQI CT-GenAI Prüfungssoftware von uns Fast2test am verlässlichsten. Es wird durch Praxis schon beweist, dass fast alle der Prüfungsteilnehmer, die unsere Software benutzt haben, ISQI CT-GenAI Prüfung bestanden. Viele davon verwenden nur Ihre Freizeit für die Vorbereitung auf ISQI CT-GenAI Prüfung. Die Zertifizierung zu erwerben überrascht Sie.

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Es ist keine Neuheit, dass die Schulungsunterlagen zur ISQI CT-GenAI von Fast2test guten Ruf von den Kandidaten gewinnen. Das heißt auch, dass die Schulungsunterlagen zur ISQI CT-GenAI Zertifizierungsprüfung zuverlässig sind und den Kandidaten eher zum Bestehen der Prüfung verhelfen. Fast2test ist immer der Best-Seller im Vergleich mit den anderen Websites. Er wird von den anderen anerkannt und hat einen guten Ruf. Wenn Sie sich an der ISQI CT-GenAI Zertifizierungsprüfung beteiligen wollen, wählen Sie doch Fast2test. Sie werden sicher bekommen, was Sie wollen. Wenn Sie keine Chance verpassen möchten, würden Sie auch nicht bereuen. Wenn Sie ein professioneller IT-Expert werden wollen, schicken Fast2test in den Warenkorb.

### **ISQI ISTQB Certified Tester Testing with Generative AI (CT-GenAI) v1.0 CT-GenAI Prüfungsfragen mit Lösungen (Q28-Q33):**

#### **28. Frage**

Which competency MOST helps testers steer LLMs to produce useful, on-policy testware?

- A. Writing low-level device drivers
- **B. Mastering prompt engineering**
- C. Configuring network routers
- D. Designing custom CPU instructions

**Antwort: B**

Begründung:

As Generative AI becomes integrated into the software testing lifecycle, the role of the tester shifts from manual authoring to the "orchestration" of AI models. Mastering prompt engineering is the primary competency required to effectively steer LLMs. Prompt engineering involves the deliberate design of inputs- incorporating roles, context, instructions, and constraints-to elicit the most accurate and "on-policy" outputs from the model. In a testing context, "on-policy" refers to testware that adheres to organizational standards, security protocols, and specific project requirements. While technical skills like network configuration or low-level programming (Options B, C, and D) are valuable in specific engineering domains, they do not directly influence the communicative interface between the human and the AI. A tester proficient in prompt engineering can utilize techniques like "Chain-of-Thought" or "Few-shot prompting" to ensure the LLM understands the nuances of a test plan, thereby reducing hallucinations and ensuring the generated test cases are actionable, relevant, and compliant with the project's quality gates.

### 29. Frage

Which of the following is NOT a valid form of LLM-driven test data generation?

- A. Creating combinatorial data (e.g., pairwise)
- **B. Creating production database backups**
- C. Generating synthetic datasets
- D. Setting boundary values

**Antwort: B**

Begründung:

Generative AI is exceptionally capable of creating structured and unstructured data, but its role is limited to "generation" and "transformation," not infrastructure management or direct database administration. Creating production database backups (Option A) is a physical data management task involving the copying of actual stateful data from a server to storage; this is handled by database management systems (DBMS) and DevOps pipelines, not LLMs. Conversely, LLMs excel at the logic-based tasks listed in the other options. They can analyze requirements to identify and set boundary values (Option B) for input validation. They are also highly effective at creating combinatorial data (Option C), such as pairwise or all-combinations tables, by understanding the relationships between variables. Finally, one of the most powerful uses of GenAI in testing is generating synthetic datasets (Option D)-creating "fake" but realistically structured data that mimics production patterns without exposing Sensitive Personally Identifiable Information (SPII), thereby supporting privacy-compliant testing.

### 30. Frage

How do tester responsibilities MOSTLY evolve when integrating GenAI into test processes?

- A. Transitioning from manual execution to complete automation with no human oversight
- B. Replacing existing test coverage validation with automated summary reports generated by AI
- **C. Shifting from test execution toward reviewing, refining, and validating AI-generated testware**
- D. Moving from black-box exploratory testing toward exclusively performing code-based white-box checks

**Antwort: C**

Begründung:

As Generative AI is integrated into the testing lifecycle, the role of the human tester undergoes a significant shift from "author" to "orchestrator and reviewer." In traditional testing, a significant portion of a tester's time is spent manually drafting test cases, scripts, and documentation. With GenAI, these artifacts can be generated in seconds. Consequently, the tester's responsibility shifts toward reviewing, refining, and validating the AI-generated testware to ensure accuracy, relevance, and compliance with project goals. This "Human-in-the-Loop" (HITL) approach is critical because LLMs are prone to hallucinations and may lack the deep domain context of a human expert. Testers must apply their critical thinking to verify that the AI-generated scripts actually cover the necessary edge cases and do not contain logical errors. This evolution does not mean the end of human oversight (Option B) or a move exclusively to white-box testing (Option C). Instead, it elevates the tester to a higher-level analytical role, focusing on quality strategy and the final verification of AI outputs rather than the repetitive task of initial content creation.

### 31. Frage

Which factor MOST influences the overall energy consumption of a Generative AI model used in software testing tasks?

- A. The type of cloud platform affects processing speed but not total energy draw
- B. The location of the data center determines model bias and accuracy levels
- **C. The number of tokens processed directly determines the carbon intensity of each query**
- D. The duration of user sessions primarily affects latency but not power efficiency

**Antwort: C**

Begründung:

The environmental impact and sustainability of AI are increasingly important considerations in software engineering. The overall energy consumption of an LLM during inference (when the model is actually being used by a tester) is most directly influenced by the number of tokens processed. Every token generated or analyzed requires a massive amount of floating-point operations within the GPU clusters of a data center.

Therefore, the "length" of the input prompt and the "length" of the AI's response are the primary drivers of the power draw and, consequently, the carbon intensity of the query. This is a crucial concept for "Green AI" initiatives in testing; more efficient prompting—such as avoiding unnecessarily verbose context or limiting output lengths—can lead to more sustainable testing practices. While data center location (Option B) affects the type of energy used (renewable vs. fossil fuel), it does not determine the model's accuracy. Similarly, while cloud platforms (Option D) and session durations (Option C) play roles in operational logistics, the mathematical workload tied to token count remains the fundamental unit of energy expenditure in Generative AI.

### 32. Frage

A prompt begins: "You are a senior test manager responsible for risk-based test planning on a payments platform." Which component is this?

- A. Context
- **B. Role**
- C. Constraints
- D. Instruction

**Antwort: B**

Begründung:

In structured prompt engineering, the Role component (also known as a Persona) is used to set the perspective, expertise, and tone of the LLM's response. By assigning the role of a "senior test manager," the tester instructs the model to adopt the specific domain knowledge, vocabulary, and professional standards associated with that position. This technique is highly effective because LLMs are trained on vast datasets containing diverse professional documents; invoking a specific persona helps the model narrow its "latent space" to retrieve information relevant to that specific field. For instance, a senior test manager persona will prioritize risk management, resource allocation, and high-level strategy, whereas a "junior developer" persona might focus more on syntax and local unit tests. While Context (Option B) provides the background of the project and Instruction (Option A) defines the specific task to be performed, the Role serves as the foundation for how those instructions are interpreted. This ensures the generated testware aligns with the expected professional seniority and organizational maturity required for high-stakes environments like a payments platform.

### 33. Frage

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**CT-GenAI Online Tests:** <https://de.fast2test.com/CT-GenAI-premium-file.html>

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