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ISTQB CT-PT exam dumps are important because they show you where you stand. After learning everything related to the ISTQB Certified Tester - Performance Testing (CT-PT) certification, it is the right time to take a self-test and check whether you can clear the ISTQB Certified Tester - Performance Testing (CT-PT) certification exam or not. People who score well on the ISTQB Certified Tester - Performance Testing (CT-PT) practice questions are ready to give the final ISTQB Certified Tester - Performance Testing (CT-PT) exam.

ISTQB CT-PT Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none">The Concept of Load Generation: This section of the exam measures the skills of Software Test Analysts and discusses how representative loads are modeled and produced to simulate user or process behavior. It explores methods such as user interface inputs, crowdsourcing, API-based calls, or protocol capture and playback, emphasizing the need for repeatable loads that accurately reflect real-world conditions.

Topic 2	<ul style="list-style-type: none"> Common Failures in Performance Testing and Their Causes: This section of the exam measures the skills of Performance Engineers and outlines frequent failure modes, including slow responses at various load levels, degraded performance over time, and system crashes under peak conditions. It provides examples of underlying causes such as resource leaks, insufficient capacity, and poor handling of spikes or concurrency, illustrating why robust planning and monitoring are crucial for reliable performance.
Topic 3	<ul style="list-style-type: none"> Types of Performance Testing: This section of the exam measures the skills of Software Test Analysts and covers various approaches such as load, stress, scalability, spike, endurance, concurrency, and capacity testing. It explains how each type evaluates system behavior under different conditions, helping testers and stakeholders understand how the system handles both expected and extreme usage scenarios.
Topic 4	<ul style="list-style-type: none"> Testing Types in Performance Testing: This section of the exam introduces the distinction between static and dynamic performance testing. It shows how reviews of requirements, architecture, and code can identify risks before coding is complete, and how runtime checks of resource utilization and response times reveal issues that only appear when the system is in operation.

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ISTQB Certified Tester - Performance Testing Sample Questions (Q20-Q25):

NEW QUESTION # 20

Which of the following is a best practice to include in performance test scripts when verifying results?

- A. Increase the number of scripts executed to provide greater coverage.
- B. Add transaction timers to collect response times.
- C. Hold the development team accountable for system performance.
- D. Verify that correct information was added to the database.**

Answer: D

Explanation:

One of the best practices in performance test scripting is to validate that correct data is recorded in the database after execution. This ensures that performance issues do not impact data integrity.

Option A (Increasing the number of scripts) may provide more coverage but does not verify accuracy.

Option C (Adding transaction timers) is useful for performance monitoring but does not ensure correct data entry.

Option D (Holding the development team accountable) is a management responsibility, not a scripting best practice.

NEW QUESTION # 21

Which of the following is a key challenge when testing applications in a cloud environment?

- A. Test execution speed being too high
- B. Inability to generate significant load
- C. Lack of user behavior simulation tools
- D. Limited ability to control test execution timing**

Answer: D

Explanation:

One of the biggest challenges of cloud-based performance testing is the lack of control over test execution timing due to shared

cloud resources. Cloud environments dynamically allocate computing power, meaning that test execution may vary due to background processes, VM migrations, or auto-scaling events.

Option B (Inability to generate load) is incorrect because cloud platforms can scale up resources to generate high loads.

Option C (Lack of behavior simulation tools) is incorrect because cloud providers offer robust testing tools.

Option D (Test execution speed being too high) is not a valid performance testing challenge.

NEW QUESTION # 22

What is the primary purpose of a load generator?

- A. Create a steady and consistent background load on the system
- B. Support root cause analysis when performance degradation is encountered
- C. Record and analyze the behavior of the system as it is executing the prescribed tests
- D. **Simulate user behavior in accordance with the defined operational profile**

Answer: D

Explanation:

A load generator is responsible for simulating virtual users and applying workloads to a system as defined by an operational profile. This allows testers to analyze how the system behaves under different load conditions.

Option A (Background load) is incorrect because load generators create simulated user interactions, not just background noise.

Option C (Record and analyze behavior) is the role of monitoring tools, not a load generator.

Option D (Support root cause analysis) is incorrect because root cause analysis is done after the load test, using monitoring tools.

NEW QUESTION # 23

Which of the following is considered a common web service protocol?

- A. REST
- B. HTTP
- C. RTE
- D. SOAK

Answer: A

Explanation:

REST (Representational State Transfer) is a widely used web service protocol that enables client-server communication over HTTP. It is commonly used in modern APIs and web applications for performance testing.

Option A (SOAK) refers to soak testing, which evaluates performance over an extended period.

Option C (HTTP) is a transport protocol, but REST is the actual web service architecture built on HTTP.

Option D (RTE) is not a web service protocol but may refer to Real-Time Enterprise systems.

NEW QUESTION # 24

Which of the following is considered a common database protocol?

- A. MMS
- B. ODBC
- C. SMP
- D. JUNIT

Answer: B

Explanation:

ODBC (Open Database Connectivity) is a standard database protocol that enables applications to connect to and interact with databases regardless of vendor specifications.

Option B (JUNIT) is a unit testing framework, not a database protocol.

Option C (SMP - Symmetric Multiprocessing) relates to CPU architecture, not databases.

Option D (MMS - Multimedia Messaging Service) is related to mobile messaging, not database communication.

NEW QUESTION # 25

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