QualityThought®

Transforming Dreams! Redefining Future!

Java & Selenium
Interview Questions

- ⇨ **What is software testing?**

- ⇨ **Why software testing is important?**

- ⇨ **What is quality in software testing?**

- ⇨ **Why do we need to deliver quality software?**

- ⇨ **What are the advantages of manual testing?**

- ⇨ **What are the drawbacks of manual testing?**

- ⇨ **What are the benefits of delivering high-quality software to end users?**

- ⇨ **How does manual testing differ from automated software testing?**

- ⇨ **What kind of skills are needed for someone to become a Software Tester?**

- ⇨ **Explain SDLC.**

- ⇨ **What is a Test Case?**

- ⇨ **What is a Test Scenario?**

- ⇨ **What is a Test Plan?**

- ⇨ **What is Test Strategy?**

- ⇨ **Explain the differences between Sequential & Iterative approach.**

- ⇨ **Explain the Waterfall model.**

- ⇨ **Explain the V-model.**

- ⇨ **Explain the differences between the waterfall & V-model**

- ⇨ **What is static testing?**

- ⇨ **What is Dynamic Testing?**

- ⇨ **What are the differences between static testing and dynamic testing?**

⇨ **What is verification and validation? Explain the differences between verification vs validation.**

⇨ **What is white box testing?**

⇨ **What is Black box testing?**

⇨ **What is Grey box testing?**

⇨ **Explain the differences between White box and Black box testing.**

⇨ **What's the difference between a bug and a defect?**

⇨ **What about the difference between an error and a failure?**

⇨ **What is functional system testing? What are the types of Functional Testing?**

⇨ **Explain the business logic testing.**

⇨ **Explain the end to end testing.**

⇨ **What is Sanity testing?**

⇨ **What is Smoke testing?**

⇨ **Explain the differences between Smoke and Sanity testing**

⇨ **What is Regression Testing?**

⇨ **What is Retesting?**

⇨ **What is negative and positive testing?**

⇨ **What is the difference between re-testing and regression testing?**

⇨ **List out the Testing Principles.**

⇨ **How to Prioritize the test cases.**

⇨ **What is bug leakage?**

⇨ **What is bug release?**

⇨ **What are different test levels?**

⇨ **What do you mean by Defect Triage?**

⇨ **What is Unit Testing & Integration Testing and Explain the differences?**

⇨ **What is System level Testing & System Integration level Testing and Explain the differences?**

⇨ **Explain equivalence class partitioning.**

⇨ **What is boundary value analysis?**

⇨ **What are the Types of Integration Testing?**

⇨ **What is the difference between UAT (User Acceptance Testing) and System testing?**

⇨ **What is risk-based testing?**

⇨ **What is Alpha testing?**

⇨ **What is beta testing?**

⇨ **What is the difference between Testing Techniques and Testing Tools?**

⇨ **What is the difference between test scenarios, test cases and test script?**

⇨ **What is Non-Functional testing? List out the types of Non-Functional testing.**

⇨ **What is Performance Testing?**

⇨ **Explain the types of Performance Testing.**

⇨ **What is Security Testing? Explain the types of Security testing.**

⇨ **What is Compatibility Testing.**

⇨ **Explain the types of Compatibility Testing.**

⇨ **What is a Latent defect?**

⇨ **Explain what is Test Deliverables?**

⇨ **What is mutation testing?**

⇨ **When is RTM (Requirement Traceability Matrix) prepared?**

⇨ **What is black box testing? What are the different black box testing techniques?**

⇨ **What is a V-Model?**

⇨ **What is test coverage?**

⇨ **Why is incremental integration preferred over "big bang" integration?**

⇨ **When do we prepare RTM (Requirement traceability matrix),**

   is it before test case designing or after test case designing?

⇨ **What is a failure?**

⇨ **What is Boundary value testing?**

⇨ **What is exploratory testing?**

⇨ **What is "use case testing"?**

⇨ **Explain STLC.**

⇨ **Explain Defect Reporting.**

⇨ **Explain DLC.**

⇨ **What is the difference between STLC (Software Testing Life Cycle) and SDLC (Software Development Life Cycle) ?**

⇨ **List out the Test Case Design Template fields**

⇨ **List out the Defect reporting template fields**

⇨ **Explain the differences between STLC and DLC.**

⇨ **What is traceability matrix?**

⇨ **What is Equivalence partitioning testing?**

⇨ **Mention what is the difference between a "defect" and a "failure" in software testing?**

⇨ **Explain what it means by test harness?**

⇨ **What is the MAIN benefit of designing tests early in the life cycle?**

⇨ **What is the KEY difference between preventative and reactive approaches to testing?**

⇨ **What is the purpose of exit criteria?**

⇨ **What determines the level of risk?**

⇨ **What is Fault Masking?**

⇨ **When is used Decision table testing?**

⇨ **What is the MAIN objective when reviewing a software deliverable?**

⇨ **As part of which test process do you determine the exit criteria?**

⇨ **What are the benefits of Independent Testing?**

⇨ **Which activity in the fundamental test process includes evaluation of the testability of the requirements and system?**

⇨ **What is typically the MOST important reason to use risk to drive testing efforts?**

⇨ **What is random/monkey testing? When it is used?**

⇨ **A Type of functional Testing, which investigates the functions relating to the detection of threats, such as viruses from malicious outsiders.**

⇨ Testing where we subject the target of the test, to varying workloads to measure and evaluate the performance behaviors and ability of the target and of the test to continue to function properly under these different workloads.

⇨ Testing activity which is performed to expose defects in the interfaces and in the interaction between integrated components is?

⇨ When should testing be stopped?

⇨ What is Adhoc testing?

⇨ Explain the differences between Adhoc and Exploratory testing.

⇨ What is the Agile methodology?

⇨ What is Agile testing?

What are the principles of Agile testing?

Why Agile is so popular?

For what kind of projects Agile is suitable?

What are some advantages of the Agile process?

What are some disadvantages of the Agile process?

What are the different types of Agile methodologies?

What are the qualities of a good Agile tester?

What are the Artifacts of the Scrum Process?

What is the biggest difference between sprint backlog and product backlog?

What is the difference between Agile and traditional methodologies?

What is a sprint in Agile?

How does the Agile team maintain requirements?

Can you explain incremental and iterative development?

What are the differences between Agile and Scrum?

Why is continuous integration in Agile important?

What are some reasons for choosing the Agile methodology over others?

What is your understanding of the Agile Manifesto?

What are the core values of the Agile Manifesto?

What are the principles of the Agile Manifesto?

What are burnup and burndown charts in Agile?

What are the different types of burndown charts?

What are the different types of sprint meetings?

What do you know about the "zero sprint" in Agile?

What is a test stub?

What is SAFe?

What is the importance of daily stand-up meetings?

What kind of project is suitable for the Agile Methodology?

What is Kanban?

What are some significant parts of the Agile process?

What are some popular Agile tools?

When not to use Agile?

How do Agile teams create estimates?

Explain Incremental and Iterative Development in Agile methodology.

What do you understand about the term "user story" in Agile?

What is Scrum, and what are its advantages?

What are the different roles in the scrum?

What are the Scrum Master's responsibilities?

What is timeboxing in Scrum?

What do you know about impediments in Scrum?

What is a story point in Scrum?

Discuss the sprint planning meeting

Explain Sprint Review meeting.

Explain Sprint Retrospective meeting

Explain the differences between Sprint Review & Sprint Retrospective meeting

What is Backlog Refinement meeting?

What are the responsibilities of Product owner?