

# Software Testing Review Questions

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# Basic

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- Ŷ Testing level
- Ŷ Testing types
- Ŷ Testing methods
- Ŷ Test case
- Ŷ Test plan
- Ŷ Test report
- Ŷ Bug report

# Testing techniques

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- Ŷ Equivalence partitioning
- Ŷ Boundary value analysis
- Ŷ Random/monkey testing
- Ŷ State transition testing
- Ŷ Code coverage

# Refs

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- Ŷ Text book
- Ŷ [http://www.tutorialspoint.com/software\\_testing/software\\_testing\\_quick\\_guide.htm](http://www.tutorialspoint.com/software_testing/software_testing_quick_guide.htm)
- Ŷ <https://www.istqb.guru/istqb-foundation-level/>

# Seminar

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- Ŷ Automation for Web (Selenium+CubicTest)
  - Ŷ Performance testing tools (Jmeter)
  - Ŷ Automation for Mobile Apps (Appium.io)
  - Ŷ Database Testing Tools (DB Unit + Data generation)
  - Ŷ Code Coverage Tools
  - Ŷ Cucumber is a tool that executes plain-text functional descriptions as automated tests.
  - Ŷ Automation for Desktop Apps (AutoIT)
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# Test format

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- Ŷ Duration: 90 minutes
  - › Quiz (30 questions) (40%)
  - › Seminar (3 questions) (20%)
  - › Exercises (3 exercises) (40%)

# Sample questions

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- Ŷ What is the difference between white box, black box, and gray box testing?
  - Ŷ Can you explain usability testing?
  - Ŷ What is Performance Testing? Difference Between Performance Testing, Load Testing and Stress Testing ?
  - Ŷ What is a Test Plan/Test case/Test report? What does it include?
  - Ŷ What document did you refer to write the Test Cases?
  - Ŷ What is Software Testing Life Cycle (STLC)?
  - Ŷ What are different types of software testing?
  - Ŷ When should testing start in a project? Why?
  - Ŷ Wh a t i s t h e d i f f e r e n c e b e t w e e n “ b u g ” a n d “ f a i l
  - Ŷ Could you ensure that you have covered 100% testing?
  - Ŷ What is the difference between verification and validation?
  - Ŷ Does an increase in testing always improve the project?
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- Ŷ <http://www.softwaretestinghelp.com/software-testing-interview-questions/>
  - Ŷ <http://www.guru99.com/software-testing-interview-questions.html>