Software Testing Review Questions

Basic

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

Testing techniques

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

Refs

- ☐ Text book
- ☐ http://www.tutorialspoint.com/software_testing/software_testing_quick_guide.htm
- ☐ https://www.istqb.guru/istqb-foundation-level/

Seminar

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

Test format

☐ Duration: 90 minutes

 ■ Quiz (30 questions) (40%)

 ■ Seminar (3 questions) (20%)

 ■ Exercises (3 exercises) (40%)

Sample questions

- What is the difference between white box, black box, and gray box testing?
- Can you explain usability testing?
- What is Performance Testing? Difference Between Performance Testing, Load Testing and Stress Testing ?
- What is a Test Plan/Test case/Test report? What does it include?
- What document did you refer to write the Test Cases?
- What is Software Testing Life Cycle (STLC)?
- What are different types of software testing?
- When should testing start in a project? Why?
- What is the difference between "bug" and "failure" ?
- Could you ensure that you have covered 100% testing?
- What is the difference between verification and validation?
- Does an increase in testing always improve the project?

- http://www.softwaretestinghelp.com/software-testing-interview-questions/
- http://www.guru99.com/software-testing-interview-questions.html