

Course Content for ISTQB Foundation Level

- 1 Fundamentals of testing
 - 1.1 Why is testing necessary?
 - 1.2 What is testing?
 - 1.3 Testing principles
 - 1.4 Fundamental test process
 - 1.5 The psychology of testing
 - Chapter review
 - Sample exam questions
 - Exercise: Test psychology
 - Exercise solution
- 2 Testing throughout the software life cycle
 - 2.1 Software development models
 - 2.2 Test levels
 - 2.3 Test types: the targets of testing
 - 2.4 Maintenance testing
 - Chapter review
 - Sample exam questions
- 3 Static techniques
 - 3.1 Reviews and the test process
 - 3.2 Review process
 - 3.3 Static analysis by tools
 - Chapter review
 - Sample exam questions
- 4 Test design techniques
 - 4.1 Identifying test conditions and designing test cases
 - 4.2 Categories of test design techniques
 - 4.3 Specification-based or black-box techniques
 - 4.4 Structure-based or white-box techniques
 - 4.5 Experience-based techniques
 - 4.6 Choosing a test technique
 - Chapter review
 - Sample exam questions
 - Exercises: Test design techniques
 - Exercise solutions
- 5 Test management
 - 5.1 Test organization
 - 5.2 Test plans, estimates, and strategies
 - 5.3 Test progress monitoring and control
 - 5.4 Configuration management
 - 5.5 Risk and testing
 - 5.6 Incident management
 - Chapter review
 - Sample exam questions
 - Exercise: Incident report
 - Exercise solution
- 6 Tool support for testing
 - 6.1 Types of test tool
 - 6.2 Effective use of tools: Potential benefits and risks
 - 6.3 Introducing a tool into an organization
 - Chapter review
 - Sample exam questions
- 7 ISTQB Foundation Exam
 - Preparing for the exam
 - Taking the exam

Mock exam

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