MANUAL TESTING CONTENT

Chapter - 1 : Software Environment

- 1.1 Overview of Software Environment
- 1.2 Application Architecture
- 1.3 Web based vs Client-Server Application
- 1.4 Desktop Application
- 1.5 Web Server vs Application Server

Chapter - 2 : Introduction to Software Testing

- 2.1 What is Software Testing ?
- 2.2 Drawbacks/Disadvantages of Manual Testing
- 2.3 Advantages of Manual Testing
- 2.4 Essentials for Successful Career in Software Testing

Chapter - 3 : Quality Concept

- 3.1 Software Quality Fundamentals
- 3.2 Continuous improvement cycle
- 3.3 Quality Assurance, Quality Control and Testing
- 3.4 Verification vs Validation
- 3.5 Classes of Review

Chapter - 4 : Defect, Bug and Error

- 4.1 Overview of Defect
- 4.2 Defect/Bug Life Cycle
- 4.3 Seviourity vs Priority
- 4.4 Model Defect Report Template
- 4.5 Error related terms

Chapter - 5 : Testing Fundamental

- 5.1 Testing Myths
- 5.2 Process of Software Test environment setup
- 5.3 Test Environment Checklist
- 5.4 Qualities of a good Test Engineer

Chapter - 6 : Testing Methodology

- 6.1 Testing Methods
- 6.2 Comparison of Testing Methods
- 6.3 Classification of Testing
- 6.4 Black Box Testing Techniques

- 6.5 White Box Testing Techniques
- 6.6 Testing technique Terminologies

Chapter - 7 : Testing Level

- 7.1 What is Software Testing Levels?
- 7.2 Integration Testing Approach

Chapter - 8 : Special Types of Testing

- 8.1 Various kinds of Testing
- 8.2 Difference between similar kinds of Testing

Chapter - 9 : Software Development Life Cycle

- 9.1 Software Development Life Cycle (SDLC)
- 9.2 SDLC Models

Chapter - 10 : Software Testing Process

- 10.1 What is Testing Process ?
- 10.2 Testing Entry and Exit Crieteria
- 10.3 Software Testing Life Cycle (STLC)

Chapter - 11 : Testing Documentation

- 11.1 Software Test Documentation Templates
- 11.2 Test Plan
- 11.3 Test Scenario
- 11.4 Test Cases
- 11.5 Requirement Traceability Matrix
- 11.6 Defect Report
- 11.7 Test Summary Report

Chapter - 12 : Test Quality Standards

- 12.1 Overview of Test Management Quality
- 12.2 Quality Standards - ISO
- 12.3 Quality Standards - CMM
- 12.4 CMM Levels

Chapter - 13 : Web Testing

- 13.1 Web Functionality
- 13.2 Usability Testing Checklist
- 13.3 Server Side Interfaces
- 13.4 Client Side Compatibility
- 13.5 Performance
- 13.6 Web Application Security Testing

Chapter - 14 : Test Estimation

- 14.1 What is Estimation ?
- 14.2 Software Testing Estimation Techniques
- 14.3 Estimation Rules
- 14.4 Factors Affecting Software Test Estimation
- 14.5 Software Estimation Techniques Conclusion

Chapter - 15 : Test Management

- 15.1 General concepts of Test Management
- 15.2 Test Management Phases
- 15.3 Test Management Review and Audit
- 15.4 Test Team Responsibilities

Chapter - 16 : Test Report

- 16.1 Overview of Test Report
- 16.2 What does a Test Report contain ?
- 16.3 Tips to write a good Test Report

Chapter - 17 : Test Metrices

- 17.1 Test Matrices overview
- 17.2 Test Metrices Life Cycle
- 17.3 Definitions and Formulas of Metrices
- 17.3 Type of Metrices

Chapter - 18 : Introduction to Automation Testing

- 18.1 What is Automation Testing ?
- 18.2 Advantages and Disadvantages
- 18.3 Software Testing Tools
- 18.4 Software Tester Roles and Responsibilities

Chapter - 19 : Project

Chapter - 20 : FAQ