



Certified Agile Testing Professional

Vskills Certifications

Vskills Brochure



Certified Agile Testing Professional

Agile testing is a software testing paradigm which follows the principles of agile software development.

Why should one take this certification?

This Course is intended for professionals and graduates wanting to excel in their chosen areas. It is also well suited for those who are already working and would like to take certification for further career progression.

Earning Vskills Agile Testing Professional Certification can help candidate differentiate in today's competitive job market, broaden their employment opportunities by displaying their advanced skills, and result in higher earning potential.

Who will benefit from taking this certification?

Job seekers looking to find employment in software testing or application development departments of various companies, students generally wanting to improve their skill set and make their CV stronger and existing employees looking for a better role can prove their employers the value of their skills through this certification.

Test Details

- **Duration:** 60 minutes
- **No. of questions:** 50
- **Maximum marks:** 50, Passing marks: 25 (50%)

There is no negative marking in this module.

Fee Structure

Rs. 3,499/- (Excludes taxes) *

*Fees may change without prior notice, please refer <http://www.vskills.in> for updated fees

Table of Contents

1. Software Testing Basics

- 1.1 Scope
- 1.2 Functional vs. Non-Functional testing
- 1.3 Defects and Failures
- 1.4 Finding Faults Early
- 1.5 Compatibility
- 1.6 Input Combinations and Preconditions
- 1.7 Static vs. Dynamic Testing
- 1.8 Software Verification and Validation
- 1.9 The Software Testing Team
- 1.10 Software Quality Assurance (SQA)
- 1.11 Testing Methods - The box approach

2. Agile Basics

- 2.1 What is Agile Methodology
- 2.2 Agile Values
- 2.3 Agile Principles
- 2.4 Agile Manifesto
- 2.5 Declaration of Interdependence
- 2.6 Agile Software Development
- 2.7 Definition of Done
- 2.8 The Daily Standup
- 2.9 Retrospectives
- 2.10 Iteration Planning
- 2.11 Release Planning

3. Agile Methodologies

- 3.1 Agile Methodologies
- 3.2 Scrum
- 3.3 TDD
- 3.4 Kanban

4. Agile Tools

- 4.1 Productivity and Metrics
- 4.2 Dashboards
- 4.3 CPM/PERT Chart
- 4.4 Gantt Chart
- 4.5 Score Cards
- 4.6 Check Sheets
- 4.7 Benchmarking
- 4.8 Requirements or Product Backlog
- 4.9 Delivery or Sprint Backlog
- 4.10 Burndown chart
- 4.11 Collaboration Tools

5. Agile Testing Basics

- 5.1 What is Agile Testing
- 5.2 Agile Testing Lifecycle
- 5.3 Agile Testing Best Practices
- 5.4 Agile Testing Guidelines
- 5.5 Agile Testing Levels
- 5.6 Agile Testing Types
- 5.7 Agile Testing Methods
- 5.8 Agile Metrics

6. Agile Test Design

- 6.1 Test Design
- 6.2 Agile Testing Challenges
- 6.3 Agile Testing Requirements Gathering
- 6.4 Agile Requirement Gathering Process

7. Agile Test Execution

- 7.1 Agile Unit Testing
- 7.2 Integration Testing
- 7.3 Testing Artifacts
- 7.4 Agile Testing and Defects

8. Agile Testing Tools

- 8.1 Selenium
- 8.2 JMeter
- 8.3 Rally

Sample Questions

1. What refers to a pool of test cases used for combining functional tests into logical units

- A. TestSuite
- B. TestCase
- C. TestSteps
- D. None of these

2. Which of the following characterizes the cost of faults?

- A. They are cheapest to find in the early development phases and the most expensive to fix in the latest test phases.
- B. They are easiest to find during system testing but the most expensive to fix then.
- C. Faults are cheapest to find in the early development phases but the most expensive to fix then.
- D. Although faults are most expensive to find during early development phases, they are cheapest to fix then.

3. What is the main difference between a walkthrough and an inspection?

- A. An inspection is lead by the author, whilst a walkthrough is lead by a trained moderator.
- B. An inspection has a trained leader, whilst a walkthrough has no leader.
- C. Authors are not present during inspections, whilst they are during walkthroughs.
- D. A walkthrough is lead by the author, whilst an inspection is lead by a trained moderator.

4. The process starting with the terminal modules is called

- A. Top-down integration
- B. Bottom-up integration
- C. None of the above
- D. Module integration

5. What refers to a group of test steps that are bring together to test some specific aspect of your services

- A. TestSuite
- B. TestCase
- C. TestSteps
- D. None of these

Answers: 1 (A), 2 (A), 3 (D), 4 (B), 5 (B)

Certifications

- ▶ **Accounting, Banking & Finance**
 - Certified GST Professional
 - Certified AML-KYC Compliance Officer
 - Certified Business Accountant
 - Certified BASEL III Professional
 - Certified GAAP Accounting Standards Professional
 - Certified Treasury Markets Professional
- ▶ **Big Data**
 - Certified Hadoop and Mapreduce Professional
- ▶ **Cloud Computing**
 - Certified Cloud Computing Professional
- ▶ **Design**
 - Certified Interior Designer
- ▶ **Digital Media**
 - Certified Social Media Marketing Professional
 - Certified Inbound Marketing Professional
 - Certified Digital Marketing Professional
- ▶ **Foreign Trade**
 - Certified Export Import (Foreign Trade) Professional
- ▶ **Health, Nutrition and Well Being**
 - Certified Fitness Instructor
- ▶ **Hospitality**
 - Certified Restaurant Team Member (Hospitality)
- ▶ **Human Resources**
 - Certified HR Compensation Manager
 - Certified HR Staffing Manager
 - Certified Human Resources Manager
 - Certified Performance Appraisal Manager
- ▶ **Office Skills**
 - Certified Data Entry Operator
 - Certified Office Administrator
- ▶ **Project Management**
 - Certified Master in Project Management
 - Certified Scrum Specialist
- ▶ **Real Estate**
 - Certified Real Estate Consultant
- ▶ **Marketing**
 - Certified Marketing Manager
- ▶ **Quality**
 - Certified Six Sigma Green Belt Professional
 - Certified Six Sigma Black Belt Professional
 - Certified TQM Professional
- ▶ **Logistics & Supply Chain Management**
 - Certified International Logistics Professional
 - Certified Logistics & SCM Professional
 - Certified Supply Chain Management Professional
- ▶ **Legal**
 - Certified IPR & Legal Manager
 - Certified Labour Law Analyst
 - Certified Business Law Analyst
 - Certified Corporate Law Analyst
- ▶ **Information Technology**
 - Certified Angular JS Professional
 - Certified Basic Network Support Professional
 - Certified Business Intelligence Professional
 - Certified Core Java Developer
 - Certified E-commerce Professional
 - Certified IT Support Professional
 - Certified PHP Professional
 - Certified Selenium Professional
- ▶ **Mobile Application Development**
 - Certified Android Apps Developer
 - Certified iPhone Apps Developer
- ▶ **Security**
 - Certified Ethical Hacking and Security Professional
 - Certified Network Security Professional
- ▶ **Management**
 - Certified Corporate Governance Professional
 - Certified Corporate Social Responsibility Professional
 - Certified Leadership Skills Professional
- ▶ **Life Skills**
 - Certified Business Communication Specialist
 - Certified Public Relations Officer
- ▶ **Media**
 - Certified Advertising Manager
 - Certified Advertising Sales Professional
- ▶ **Sales, BPO**
 - Certified Sales Manager
 - Certified Telesales Executive

& many more job related certifications

Contact us at:
V-Skills
011-473 44 723 or info@vskills.in
www.vskills.in