



# Certified Automation Functional Testing Professional VS-1253

**Vskills Certifications**

Vskills Brochure



Skills for a secure future

# Certified Automation Functional Testing Professional

## Certification Code VS-1253

The certification is focused on automation software testing which has gained prominence due to increased software requirements. It covers software testing, software test automation, QTP basics, concepts of object repository, actions, checkpoints, debugging, library files and descriptive programming.

## Why should one take this certification?

The certification adds value to both professionals and students, engaged in software testing.

Certification not only helps in career progression of candidates, but also showcases their skills in today's competitive job market but also, broaden their employment opportunities.

## Who will benefit from taking this certification?

Job seekers looking for employment in IT companies, IT departments of PSUs or MNCs, will find the certification of great help.

Certification is a proof of skills in testing of software applications using QTP.

## 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**

- 1.1 What is Software Testing
- 1.2 Software Testing History
- 1.3 Software Testing Scope
- 1.4 Functional vs. Non-Functional testing
- 1.5 Defects and failures
- 1.6 Finding faults early

### **2. Automated Testing**

- 2.1 Automation Basics
- 2.2 Code-driven testing
- 2.3 Graphical User Interface (GUI) testing
- 2.4 What to test
- 2.5 Framework approach in automation
- 2.6 Defining boundaries between automation framework and a testing tool
- 2.7 Testing Tools
- 2.8 Measurement in software testing

### **3. Software Test Automation**

- 3.1 Automation Testing
- 3.2 Testing Framework
- 3.3 Test Automation Life Cycle

### **4. QTP 11.50 Basics**

- 4.1 QTP Basics
- 4.2 QTP Evolution
- 4.3 QTP Installation
- 4.4 QTP License
- 4.5 QTP Add-In Manager
- 4.6 QuickTest Components
- 4.7 Testing Process Workflow
- 4.8 Business Process Testing

### **5. Record and Playback**

- 5.1 Test Recording and Playback
- 5.2 Recording Modes
- 5.3 Record and Run Settings

## **6. Object Repository**

- 6.1 Object Repository Basics
- 6.2 QTP Object Identification
- 6.3 Object Spy
- 6.4 Object Repository(OR) Types
- 6.5 User Defined Objects
- 6.6 Object Repository as XML
- 6.7 Comparing Object Repository
- 6.8 Merging Object Repositories
- 6.9 Ordinal Identifiers
- 6.10 Child Objects
- 6.11 Create Shared OR
- 6.12 Associating Shared OR
- 6.13 Multiple Object Repositories

## **7. Actions**

- 7.1 Action Basics
- 7.2 Types of Actions
- 7.3 Working with Actions
- 7.4 Call to New Action
- 7.5 Call to Copy of Action
- 7.6 Call to Existing Action
- 7.7 GUI Objects
- 7.8 Accessing Databases
- 7.9 Random Number
- 7.10 Parameterizing Action

## **8. Datatables**

- 8.1 DataTable Basics
- 8.2 Data Table Operations
- 8.3 Data Table Object Methods
- 8.4 DTParameter Object Properties
- 8.5 DTSheet Methods

## **9. CheckPoints**

- 9.1 CheckPoint Basics
- 9.2 Inserting CheckPoint
- 9.3 Viewing Checkpoint Properties
- 9.4 Standard Checkpoint
- 9.5 Image Checkpoint
- 9.6 Bitmap Checkpoint
- 9.7 Text Checkpoint
- 9.8 Text area checkpoint:
- 9.9 Table Checkpoint
- 9.10 Page Checkpoint
- 9.11 XML checkpoint

9.12 Accessibility Checkpoint

9.13 Database Checkpoint

### **10. Creating a Test**

10.1 Preparing for Test

10.2 Adding Steps

10.3 Analyzing the Keyword View

10.4 Analyzing Run Results

10.5 Managing Checkpoints

### **11. Synchronization**

11.1 Synchronization Basics

11.2 WaitProperty

11.3 Exist

11.4 Wait

11.5 Sync Method

11.6 Inserting QTP Inbuilt Synchronization points

11.7 Default Synchronization

11.8 Smart Identification

11.9 Transactions

11.10 Silent Test Runner

### **12. Error and Debugging**

12.1 Debugging

12.2 Error Handling

12.3 Run-Time Errors Management

12.4 Recovery Scenarios

### **13. Test Results**

13.1 Test Results Window

13.2 Converting Results to HTML

13.3 Filtering the Results

13.4 Raising Defects

13.5 Automatic Test Results

### **14. QTP Customization**

14.1 Environment Variables

14.2 Library Files

14.3 Virtual Objects

14.4 Descriptive Programming

14.5 Automation Object Model

## Sample Questions

1. 'Browser navigation timeout' is in which tab of Test Settings (File->Settings) window.

- A Properties
- B Resources
- C Web
- D Web Settings

2. How many tabs are there in Test Settings (File->Settings) window

- A 7
- B 6
- C 5
- D 8

3. Identify the tabs in the Test Settings (File->Settings) window

- A Properties, Run, Resources, Parameters, Environment, Web, Recovery
- B Properties, Run, Resources, Parameters, Environment, Web Settings, Recovery
- C Properties, Run Options, Resources, Parameters, Environment, Web, Recovery
- D Properties, Run, Resources, Input Parameters, Environment, Web, Recovery

4. 'Generate Script' is in which tab of Test Settings (File->Settings) window

- A Properties
- B Web
- C Resources
- D Recovery

5. The following are the four main columns in the Keyword view

- A Item, Operation, Value, Comments
- B Item, Operation, Value, Documentation
- C Item, Operation, Property, Documentation
- D Number, Operation, Value, Documentation

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

## Certifications

### ➤ Accounting, Banking and Finance

- Certified AML-KYC Compliance Officer
- Certified Business Accountant
- Certified Commercial Banker
- Certified Foreign Exchange Professional
- Certified GAAP Accounting Standards Professional
- Certified Financial Risk Management Professional
- Certified Merger and Acquisition Analyst
- Certified Tally 9.0 Professional
- Certified Treasury Market Professional
- Certified Wealth Manager

### ➤ 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 Master

### ➤ 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 Project Management Professional

### ➤ 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 Purchase Manager
- 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 ASP.NET Programmer
- 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
- Certified SEO Professional
- Certified Software Quality Assurance 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

### ➤ 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 :

**Vskills**

011-473 44 723 or [info@vskills.in](mailto:info@vskills.in)

[www.vskills.com](http://www.vskills.com)