



- CYU – Check Your Understanding
- LOTW – Learning On The Walls
- PPR – Participant Progress Report
- PTS – Post Training Support (Web)

# QUICK TEST PROFESSIONAL 11

**Duration: 5 Days**

## TEST PLANNING

- ❖ Planning for Test Automation
- ❖ Test execution Automation advantages and disadvantages
- ❖ Introduction to Quick Test
- ❖ QTP's advantages in Test Automation
- ❖ Record and Playback
- ❖ Create and Execute Basic Scripts
- ❖ Understand Recording Levels
- ❖ Understand QuickTest Results
- ❖ How QuickTest identifies objects
- ❖ Object Identification
- ❖ Object Repository Introduction
- ❖ Use the Object Spy
- ❖ Regular expressions
- ❖ About Regular Expressions
- ❖ Using Regular Expressions for Object Property Values
- ❖ Synchronizing Tests and Standard and Text checkpoints
- ❖ Synchronizing Tests
- ❖ Add synchronization steps
- ❖ Understanding the Expert view and the treeview
- ❖ Active Screens

## DYNAMIC OBJECTS

- ❖ Test Object methods
- ❖ Descriptive Programming
- ❖ Reading an object and verifying with methods
- ❖ Using step generator
- ❖ Reporting methods
- ❖ Data Driving a Test
- ❖ Parameterize tests
- ❖ Create data-driven tests
- ❖ Datable object
- ❖ Local and Global Data Tables
- ❖ Working with the Data Table
- ❖ Use the Data Table to create custom checkpoints
- ❖ Output Values
- ❖ Importing an Excel file / Excel sheet to the Data table
- ❖ Standard and Text Checkpoints
- ❖ Enhance Tests with Checkpoints
- ❖ Using Regular Expressions in Standard Checkpoints
- ❖ Using Regular Expressions in Text Checkpoints
- ❖ Benefits of Test Modularity
- ❖ Utility statements Checkpoints

## INTRODUCTION TO CHECKPOINTS

- ❖ Understanding Types of Checkpoints
- ❖ Adding Checkpoints to a Test
- ❖ Create Multiple Action Tests



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- ❖ Creating Tests with Multiple Actions
- ❖ Configure and Call Reusable Actions
- ❖ Connecting the Datable to a Database
- ❖ Connecting to the Databases using ADODB object
- ❖ Translate Test Steps in Tree View to Expert View
- ❖ Enhance Test Cases in Expert View using QuickTest Functions and \_VBScript Programming
- ❖ Debug Options
- ❖ Generate a Script to Reset QTP Configurations
- ❖ Using VBScript Operators, Statements, and Functions (List the VBScript looping statements and explain when each is useful)
- ❖ Working with Dynamic Data

### AUTOMATION OBJECT MODEL OF QTP

- ❖ Environment variables
- ❖ Enhance Test Cases with User-Defined Functions
- ❖ Utilize external Windows API functions in Test Cases
- ❖ Create QuickTest User-Defined Functions
- ❖ Work with Dynamic Web Objects using Internet
- ❖ Additional features
- ❖ Define a Virtual Object
- ❖ Virtual object Manager
- ❖ Recovery Manager and Scenarios
- ❖ Handle exceptions using the Recovery Manager Wizard
- ❖ Writing VB Scripts in a QTP Scripts
- ❖ Calling VBS files
- ❖ Using the VBS files across different QTP Scripts
- ❖ Calling DLL's

### OBJECT MODEL

- ❖ Standard Window Objects
- ❖ Web Objects
- ❖ Utility Objects
- ❖ Supplemental Objects
- ❖ Calling Compiled Modules in QTP
- ❖ Using the Expert View (Preview) Working in the Expert View & Debugging Scripts
- ❖ Define the QuickTest Object Model: Objects, Methods, and Properties
- ❖ Retrieving External Data
- ❖ Build and associate a library of functions (List the VBScript looping statements and explain when each is useful)
- ❖ Creating New Procedures (Create new subroutines and functions)
- ❖ Managing QTP Run Errors
- ❖ Exception handling and Error handling (Script command failures) with Recovery Scenarios
- ❖ Debugging feature of QTP (Abort loops, procedures, iterations, actions, and runs)
- ❖ Smart Identification of objects (Changing Identification Priority/Identifying objects based on