

## **Quality Analyst(Manual Testing)**

Introduction to Software Testing

Software Development Process

Project vs Product

Error/Defect/Bug/Failure/Issue

Cost of Fixing Defects

Most Common Defects

Verification vs Validation

Objectives of Testing

Role of a Tester

Introduction to SDLC

SDLC Models

Waterfall Model

V- Model

Prototype Model

Spiral Model

Agile Scrum Model

Kanban Model

Static Testing

White Box Testing

Black Box Testing

Grey Box Testing

Reviews

Types of Reviews

Inspection & Audits

Walkthroughs

Unit Testing

Integration Testing

Types of Integration Testing

White Box Test Design Techniques

Statement Coverage

Condition Coverage

Path/Branch Coverage

System Testing

UAT - User Acceptance Testing

Alpha Testing

Beta Testing

Software Test Life Cycle

Software Test Plan and Test Strategy

Test Scenarios

Designing Test Cases and Generating Test Data

ECP - Ecquivalance Class Partitioning

BVA - Boundary Value Analysis

Decision Table Testing

State Transition Testing

Use Case Testing

Types of Environments

Build Deployment

Release Process

Release Notes

Smoke/Sanity Testing

Risk Based Testing

Ad-hoc Testing

Re-Testing

Regression Testing

End-to-End Testing

Exploratory Testing

Monkey Testing

UI Testing

Usability Testing

Security Testing

Performance Testing

Load Testing

Stress Testing

Compatibility Testing

Installation Testing

Globalization Testing

Localization Testing

Recovery Testing

Acceptance Testing

Concurrent Testing

Benchmark Testing

Database Testing

What is a Defect

Defects Classification

Defect Report Template

ISO & CMM Standards

Testing Certifications

Basics of SQL