# ISTQB Certification Question Paper 1 - Software TestingLakshmi VB

**ETL Tester**

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**PROFESSIONAL SUMMARY**

* ISTQB Certified, QA with 13+ years of experience in software testing, writing, and executing test plans and test scripts.
* Sound knowledge of test management tools **Ready API, Rally, Azure, Team Foundation Server, IBM Rational Test Manager, JMeter, and HP Application Lifecycle Management (ALM)** tools.
* Experience on applications in the areas **of Database, DW (ETL), Big Data testing, Automation testing, Functional testing, and Manual Testing**.
* Experience in creating automation scripts using shell scripting and Python programming.
* Experience in understanding **Pyspark code and** exposureto **Oozie,Scoop**.
* Has a good knowledge of RESTful, JSON web services using Ready API and SOAP UI.
* Experience testing **Extract, Transform and Load (ETL) Process.**
* Experience in Software Quality Assurance and Software Development in Web based and Client Server Applications in Digital Media, Insurance, Banking and Mortgage.
* Hands on experience in Test Automation using different Automation tools Unit testing by using Selenium Web Driver/IDE/GRID, Junit, TestNG, Fire Path, running scripts, debugging scripts in different environment, Extracting Test results, Cross browser testing, and data validation.
* Has a good knowledge of RESTful, JSON web services using Ready API and SOAP UI.
* Expertise in developing Test Strategy, Test Plans, Traceability, Test Cases and Production Launch Validation plan.
* Experience in writing complex **SQL** queries and **PL/SQL** procedures for testing backend database of the application using **Oracle DB, Manga DB, MS SQL Server Management Studio, TOAD and IBM DB2**.
* Understanding of all phases of SDLC and software development methodologies like Agile, Waterfall etc. and knowledge of SSIS, SSRS.
* Experience **in Java, C#, Python programming** and Expertise in testing GUI applications, Localization testing (L10N).
* Involved in generating Test Scripts for different transactions to execute Functional Testing, Regression Testing and Acceptance Testing.
* Strong Experience in Manual and Automated testing on Windows and UNIX environment.
* Performed Black Box, Functional Testing, Performance Testing**, ETL, EDI, Load Testing, Smoke Testing, and Regression Testing.**
* Involved in automation of test cases for regression testing, functional testing using Selenium.
* Coordinated with the developers on Defect status on a regular basis.
* Very good experience in **Onsite/Offshore** model.
* Coordinated with the developers on Defect status on a regular basis.
* Preparation of test data for positive scenarios and negative scenarios.

**CERTIFICATIONS:**

* CTFL - ISTQB
* CTIL - ISTQB

**TECHNICAL SKILLS:**

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| --- | --- |
| **Manual/Automation Testing Tools** | Hive, Rally, TFS, Jira, TERADATA SQL Assistant, INFORMATICA 9.6.1, SQL Toad,  HDFS, HP ALM (HP Quality Centre), Oozie,Scoop, Unix shell scripting, Python |
| **Languages** | VB Script, SQL, C#, C, C++, JAVA, Python, Java Script. |
| **Database** | Hive DB, Teradata 14, SQL Server, Mango DB, Tableau, TOAD, MS Access, Oracle, IBM DB2. |
| **Operating Systems** | Windows, UNIX, LINUX. |

**PROFESSIONAL EXPERIENCE**

**Huntington National Bank, Columbus, OH**   **Aug 2022 – Till date**

**Sr. ETL Tester/ QA Lead**

**Project :Core Modernization**

Validation of the target architecture and specification of the transformation) as part of Migration from the Mainframe System.

**Responsibilities:**

* Experience working Hadoop ecosystem like Hive, Map Reduce, Carrying out deployment activities for both the History and Incremental code respectively in test instances.
* Loading data sets into Hive ETL operations.
* Validated Map Reduce programs using Hive.
* Performed data sampling in HIVE using bucketing concepts.
* Create partitions using Hive to reduce query runtime on slices of data.
* Carrying sanity checks for the code migrated during the deployment and then loading the History and Incremental data.
* Involved in creating Hive tables, loading, and analyzing data using Hive queries.
* Validating Liger platform GC sales and Sales Executive Dashboard.
* Writing test cases on the related scenarios to be tested such as Count, attribute checks, performance, functional, business logic checks and so on.
* Designed ETL using Data stage tool for mapping and the SDR Documents provided by the development team for testing. And preparing the understanding document on the same summarizing this release scope for NCR NRT Bookings.
* Used REST API for API testing, designed, developed, and implemented web services testing procedures.
* Run the commands to deploy the test cases in GIT Hub.
* Uploading these test cases written to Apple internal tool: Radar after review and accordingly passing them as per weekly goals and baselines throughout the test cycle.
* Carrying sanity checks for the code migrated during the deployment and then loading the History and Incremental data.
* Validation of the History data for all the new tables brought about in Semantic layer as per the flow.
* Validation of the Incremental data for all the new tables brought about in Semantic layer as per the flow.
* Comparing and Validation of the old code and flow with the new ones.
* Providing IT validations signoff for both the history and incremental data for QA end.
* Providing data to Business users for application-level testing and ensuring data accuracy and consistency.
* Worked on BO reports in OBIEE tool for Analysis.
* Used Automation tool for database testing, which validates data from end to end.
* Works under moderate supervision with some latitude for independent judgement and problem solving.

**Environment/Tools:** **Azure Dev-Ops, Ready APi, Selenium, Hadoop, Oracle, Teradata, Vertica, UNIX, windows7, SQL, Jira, Windows.**

**FIS, Cincinnati, OH Feb 2019 – Aug 2020**

**Role: ETL QA Lead**

**Project : Partner API Services**

**Responsibilities:**

* Interacted with clients to gather all requirements to formulate business specifications and translate those into application functionality.
* Maintaining the SQL server DB data and updating MS SQL server DB privileges.
* Streamlined QA Process as per client expectations and involves Zeke (ETL) jobs testing.
* Designed and articulated the all-encompassing strategy for clients with the aim to deliver realized results.
* Managed deliverables from 3rd-party vendors and conducted site visits to coordinate product delivery logistics.
* Served as the tactical point of contact for clients regarding project planning, timeline forecasting, organizing deliverables, relaying meeting minutes, and driving client projects forward.
* Tested batch jobs and online CICS screens.
* Actively participate in Daily defect & Test execution meetings across various business teams and provide relevant status, associated risks updates and resolutions for the issues.
* Worked as an Interface between the end users and the different teams involved in the application development, offshore development team, for the better understanding of the business and IT processes.
* Interacted with the development team and the business team in resolving the critical issues.
* Responsible for ensuring end to end testing methodology including all appropriate documentation and test cases.
* Creates a test approach, identifying scope of testing with risk-based approach for each feature or scope of work in a project effort identifying test environments, dependencies, constraints, prioritizing test cases and scheduling time for the testing.
* Plan and track project timelines and milestones.
* Proactive communication & timely response to Worldpay managers.
* Proactively manage changes in project scope, identify potential issues, and devise contingency plans.
* Consolidate and provide the project status reports to the various stakeholders.
* Responsible for planning and executing testing efforts of systems, releases fixes and enhancements, including documentation, reporting, analysis, and acceptance, if required
* Establishing and maintaining any specific standards, guidelines, checklists, and templates.

**Environment/Tools:** **Oracle, Teradata, ETL: Informatica, Data stage, OBIEE UNIX, Rally, Ready API, Putty, Linux, Splunk, SQL Server Management Studio, Tosca, DB2, SharePoint, Postman**

**Universal Studios, Orlando, FL May 2018 – Feb 2019**

**Role: Sr. QA**

**Project : Team Who Must Not be Named- 200 OK-Guest Services**

**Responsibilities:**

* Attended the daily test activities through Agile Scrum 'stand-up' meetings, Bug review meetings, weekly status meetings and walkthroughs and interacted with Business Analysts and Developers for resolving Defects.
* Responsible of creating test cases for the User stories.
* Interact with Developers, Business Analyst, Product Owner, and scrum master about the status of QA.
* Test guest profiles, validate guest contact details in Cloudant and Swagger.
* Using swagger to validate the guest addresses.
* Have written complex to moderate SQL queries for ETL testing, En-to-End testing.
* Test status codes against requirements and closely followed business standards.
* Report to QA manager about the QA activities and report the blockers.
* Responsible for quality assurance including documentation reviews, data review and preparing spreadsheets for internal/external audits.
* Developed Test cases for manual testing following Business requirements and Functional requirements working with Business Analysts and Developers.
* Used REST API for API testing, designed, developed, and implemented web services testing procedures.
* Run the commands to deploy the test cases in GIT Hub.
* Actively participate in Daily defect & Test execution meeting across various business teams and provide relevant status, associated risks updates and resolutions for the issues.
* Creation of JSON scripts for the test scenarios.
* Validation of JSON request and tested the response.

**Environment/Tools: Rally, Swagger, Cloudant, Postman, , SQL Management Studio, Tableau, Splunk, Ni-Fi, Windows.**

**JM Family, Coral Springs, FL Nov 2016 – May 2018**

**Role: Sr. QA**

**Project 1: AP/AR Enhancements**

This project involves the creation of a configurable, user-friendly solution that can transform raw contract and claims transactions sources from the JM&A FWS mainframe application into accurate accounting transactions.

**Responsibilities:**

* Execute the designed test cases, perform functional and regression testing using RTM, Use cases.
* Create test plans, test reports for multiple releases and write test scripts.
* Create Test Scripts and Design Test cases using ALM.
* Testing of Web Services using SoapUI to track request and response of SOAP Messages.
* Involved in time to-time discussions with Project Team, Subject Matter of Experts and Business Analysts and resolved the issues as per the mutual consensus and to the satisfaction of the end users.
* Tested Web Services XML /SOAP and REST services using SoapUI tool.
* Performed Data Bases testing using SQL queries in SQL Server Management Studio.
* Managing defects to drive through the resolution and conduct defect management meetings as needed and to support UAT testing created test data.
* Performed load testing, System testing and ETL testing.
* Perform end-end testing, Integration, Regression Testing and Ad-hoc Testing.
* Performed SQL queries on back end to test the Data Integrity of Data base.
* Extensive experience working on the Front-end applications, Back-end applications.
* Developed the test strategy document for releases of application according to the Requirement.
* Reviewed Software Requirement Specifications (SRS), Technical Design Documents thoroughly.
* Used SOAP UI for API testing, designed, developed and implemented web services testing procedures.

**Environment/Tools: ALM, SOAP UI, Cognos Reports, , Splunk, SQL Server Management Studio, Informatica, Share Point, Mainframe.**

**Crowley, Jacksonville, FL Mar 2013 –Nov 2016**

**Role: Sr. QA Analyst**

**Project 1: COS**

COS is the front-end application that will integrate the contract management, booking and documentation systems into one source of input.  The application will standardize the process of booking and billing cargo so most shipments can utilize all or portions of the application.

**Responsibilities:**

* Played a Test Lead role.
* Work with product designers and developers at all stages to promote quality.
* Conduct Test Plan Review meetings with business and do changes as suggested.
* Participated and Initiated Team meetings on a regular basis and involved in active discussion in order to improve the testing quality by better strategies and testing approach.
* Coordinate with Release Management regarding appropriate system releases among other
* Development platforms.
* Validation of data, Data base testing and good understanding of ETL flow.
* Reproducing bug reports from the field and writing clear steps to reproduce.
* Produce and prioritize bug reports and attend Staff Meetings.
* Participate in all aspects of testing, including functional unit, integration, and end user system testing.
* Assist UAT team and setup the test data.
* Verify the load, scalability, and performance requirements have been met.
* Co-coordinate with the IS department to ensure required test platforms are available.
* Work with developers to perform root-cause analysis and preliminary problem diagnosis.
* Assist the Project Manager in communicating, implementing, and managing the technical requirements testing environments.

**Florida Blue, Jacksonville, FL Mar 2012- Mar 2013**

**Role: Sr. QA Analyst**

Florida’s Health Care Insurance is a web-based health insurance market shopping experience offering individuals, families, employers, and Agent/Pathfinders the opportunity to search for and purchase the ideal health plan for their needs.

**Responsibilities:**

* Performed various types of testing such as Functional, Regression, User Acceptance, Negative, Ad-hoc testing to ensure that developed functionality meets the client requirements.
* Reviewed Software Requirement Specifications (SRS), Technical Design Documents thoroughly.
* Validation checks which keep system against redundant plans of Agent.
* Validated the mails sent by Agent to the Employer/Employee using SMTP.
* Developed Test cases for manual testing following Business requirements and Functional requirements working with Business Analysts and Developers.
* Interacted with Developers on daily basis to discuss about new functionality of the application and help them resolve logged bugs.
* Provided weekly report to the Technical Project Manager and Project Manager for testing status and addressing key issues.
* Closely followed scrum methodology to provide high quality of product.
* Performed SQL queries on back end to test the Data Integrity of Data base.
* Writing test cases and performing regression testing, ETL testing.
* Reviewed Condition of acceptance, Wireframes, Comps for User stories and provided feedback.
* Reviewed high level test scenarios on new features developed by the offshore.
* Defect reporting and tracking and daily bug triage with BA and developers to address issues found during the testing cycle.

**Environment/Tools: SQL Server 2010, Team Foundation Server 2012, One Note 2010, MS Office.**

**iGrid Technology Solution Pvt. Ltd. Aug 2009 to Feb 2012**

**Role: QA Analyst**

Responsibilities:

* Review functional and design specifications to ensure full understanding of individual deliverables.
* Backend database testing in Microsoft SQL environment including validating stored procs, jobs and triggers.
* Identify test requirements from specifications, map test case requirements and design test coverage plan.
* Isolate, replicate, and report defects and verify defect fixes.
* Performs black box, database testing as required.
* Performed Functional and Regression testing.

**Environment/Tools: MS SQL, TFS. HP QC, UNIX, MS Office, PVCS Track**