

Software Quality Assurance Syllabus

QA Analyst Position

1. Computer Basic
2. Networking Basic
3. HTML
4. CSS
 - a. Internal
 - b. External
 - c. Embaded
5. JavaScript Basic
6. RDBMS
 - a. MySQL
 - b. Oracle
 - c. MS SQL Server
 - d. NO SQL – Mongo DB
7. SDLC – Software Developemnt Life Cycle
8. Use case
9. Methodologies: Waterfall, Iterative,Agile, Test Driven Development
10. Types of Testing
11. Bug Life Cycle
12. Test Cases
13. Test strategy
14. Test Plan
15. Project Management Basic
16. Project Management Tool
 - a. HP ALM
 - b. JIRA
17. BRD and FRD
18. Requirement tractability matrix
19. Linux Operating system

Automation Engineer Position

All the topics above and below needed to be covered to apply for Mobile QA position

1. Automation Test Strategy
2. Java
3. Selenium IDE
4. Selenium RC – Remote Control – Selenium 1
5. Selenium Webdriver - Selenium 2
6. Selenium Grid
7. Test Automation Framework – Data driven, Keyword Driven and Hybrid Framework.
8. BDD – Behavior Driven Test Frame work
9. Cucumber JVM
10. Apace POI excel reader
11. Log4J Logging
12. Extent Custom Reporting
13. JDBC – Java Database Connectivity
14. GIT
15. Maven
16. RESTFull API Testing
17. RestAssured Library

Mobile QA Position (Advance Class on request)

All the topics above and below needed to be covered to apply for Mobile QA position

1. Mobile Test Strategy
2. Mobile Test Approach
3. Mobile Testing challenges
4. Different Devices and OS Testing
5. Android Test Automation using Appium
6. iOS Test Automation using Appium

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