**Tell about your QA experience ( no more than 2 to 3  minutes time )**

**Be specific , brief and clear. Emphasize your experience that includes compete QA Life cycle, end to end testing, functional testing, Agile scrum process, QA Automation , Selenium Web driver, Java, Page Object Model, Maven, Jenkins,  SQL , Databases like Oracle, SQL server  etc**

**Practice for above question and  this should be covered in  2 to 3 minutes**

**:** I have around 4 yrs of experience as a QA, I have been mostly working on UI & backend testing. I have been using selenium for UI testing and for back end I have used HTTP client and REST assured for REST API testing. Currently I am working in GE for around an year when I am mostly working on back end REST API testing using RESTAssured automation tool.

In my QA career, I have been working on various system platforms and operating systems Windows XP, Windows Vista, Windows 7, Windows 8 and UNIX. I have tested applications developed in Java. I have tested Web-based applications as well as client server applications. As a QA person, I have written Test Plans, Test Cases, attended walkthrough meetings with the Business Analysts, Project Managers, Business Managers and QA Leads. Attended requirement review meetings and provided feedback to the Business Analysts..  
I have worked in different databases like Oracle,MySQL and SQL, wrote queries to retrieve data from the database. As far as different types of testing is concerned, I have performed Smoke Testing, Functional Testing, Backend Testing, BlackBox Testing, Integration Testing, Regression Testing and UAT (User Acceptance Testing) Testing. I have participated in Load Testing and Stress Testing. I have written defects as they are found using BugZero and JIRA. Once the defects were fixed, retested them and if they passed, closed them. If the defects were not fixed, then updated the status accordingly. I have also attended the defect assessment meetings as necessary. In the meantime, a continuous interaction with developers was necessary. This is pretty much what I have been doing as a QA person.

**2) if you are the only QA person on a project team, what are things you would do other than just testing?**

**I will be in touch with Scrum Master, Developer, Product Manager and talk about sprint and prepare skeleton and then implement once the developer has pushed the build**

**3) Tell about your agile experience  
• Sprint Planning meeting: Here we discuss our agenda for the sprint and who is going to work on which user story**

**• Stand up meeting: Daily status updates where we talk about what we did yesterday, what we are planning to do today and escalations if any**

**• Mid Sprint review: Checkpoint used to ensure team is on track to finish their tasks by the end of the sprint**

**• Retrospective meeting: Meeting used to understand how the team performed in the sprint and if the team did good, what they did well and if team feels they didnt do well, they what they didnt do right and how to fix it.**

**• Release planning meeting: This meeting is usually done quarterly or half yearly to look at what are the management goals and how they can be incorporated in terms of user stories**

**4) explain about the life cycle of a defect**

**5)   How would respond if a developer says that backend program need not be tested as only the UI has the changed and the back end program has not been touched.**

**There might be some link between UI and Backend and it is my responisibity to test as I am QA. If time doesn’t permit to conduct regression testing, I might just go on and conduct a Smoke test at least, because this is the reason why I am hired for this position and I will do my duties in best possible way.**

**6) What will you do as QA Person if an application has to be release into production but you are not satisfied with the testing of all the core features done in the time provided for testing.  
In this type of situations agile plays a major role. I will contact my developer and other team members and try to solve the problems as early as possible before release .**

**7) What challenges you faced in your project and how you overcome them?**

**8) Have you tested web services or done API Testing.**

**9) Have you tested other applications or services that feed into web applications**

**10) Do you know LINUX commands?**

**11) Explain joins in SQL**

**12) Primary Key and Unique Keys in database**

**13) How you add a row to a table**

**14) How you add a column to a table**

**15) How did you backend database validation testing?**

**1)       How you used Selenium Web driver to do test case automation**

**Should cover IDE used,  Java coding, build process**

**2)      What is page object model  in selenium?  Explain?    Very Important**

**POM is basically an approach to design the UI Automation Framework, in which each UI page is mapped into a page class and the elements on that each page is mapped to respective methods which are nothing but the objects**

**3)      How do you locate an element on a page using selenium web driver. Explain various methods  
xpath, CSS, ID, tagname, class name, name, linktext, partiallinktext**

**4)      What is explicit and implicit wait?  
 IMPLICIT WAIT:** In this case, we are telling WebDriver that it should wait for certain timeout in case of specified element not available on the UI (DOM). Implicit wait is set to all the WebElement we are using in our script. It will keep on searching for the element again and again for certain time period and if it is not found at last then it throws ‘NoSuchElementException’

**EXPLICIT WAIT:** In Explicit Wait, we write certain type of code which is used like wait and used as per our convenience. It reaches its timeout period until certain condition is satisfied. It is a custom kind of code for particular WebElement for waiting for particular timeout. Explicit Wait is intelligent kind of wait which provide us better option that Implicit Wait. But Explicit Wait can be applied for particular specified elements.

WebElement guru99seleniumlink;

guru99seleniumlink= wait.until(ExpectedConditions.visibilityOfElementLocated(By.xpath( "/html/body/div")));

guru99seleniumlink.click();

Following are expected conditions

1. alertIsPresent()
2. elementSelectionStateToBe()
3. elementToBeClickable()
4. elementToBeSelected()

**5)       Your experience with continuous integration tools like Jenkins**

<https://www.edureka.co/blog/interview-questions/jenkins-interview-questions/>

**6)      If you worked with BDD, then should be able  to explain   What is BDD and BDD tool cucumber,  explain How BDD drives automation and an example of   given…..when…..then….**

<http://toolsqa.com/cucumber/behavior-driven-development/>

**7)       Should be able to explain about any selenium  code you provided**

**8)       Have you used Maven and explain how you used it                 Very Important**

<https://www.tutorialspoint.com/maven/maven_overview.htm>

**11) what are some challenges you faced in QA Automation and how you overcome them**

**12)  Have you ever used J Meter?**

<https://www.tutorialspoint.com/jmeter/jmeter_quick_guide.htm>

**13)   Have you done any backend testing or  validation using Selenium, Java, JDBC or manually**

**14)  How is your knowledge of SQL**

**15) Have you worked with null values when writing queries**

**16)  How do you get rows from table , add rows to table and remove rows from table.**

**SQL:**

**POST GRACE pg admin: Client in which we can write queries.**

**To test if the new Turbine is there as we added it thorugh the software UI.**

**StackTrace is nothing but the log which you see when application fails or some functionality fails.**

Intuit:

I was working in a categorization team, I used to work on service which categorises banking transactions depending upon merchant name, type of amounts etc. First, I worked on REST services, which categorises any type of transaction which we throw or which we give it to categorize. Also, worked on the Quickbooks UI we wrote sutomated tests to verify the transactions get categorized correctly. Also, worked on quickbooks accounting application. Quickbooks is accounting software.

Hit POST to check if transaction categorises properly

Check UI if the customer puts Walmart into grocery stores category work fine?

GE:

Product Name: Renewable Forecasting

I am working in renewable energy of GE business, where we are developing an application which is used for forecasting the enrg requirement of all the assets like windturbine. So, basically GE has lot of customers who have deployed wind turbines all over the world. What I do is, I work on a UI application along with the REST service which gets the wind turbuine performance data along with the weather data of respective turbines from the locations on hourly basis, which we use to put it in algorithim to calculate the next 1-hour, next 12 hours & next 24-hour forecast of energy requirement.

Customer: Exelon

Framework:

QA

JIRA : testcase document  
integrated jira did jira integration with our automation framework. Calling jira API to update the status

Instead of updating the status of our test cases manually in jira, I integration JIRA with our automation framework, which saved us a lot of time and we were able to deliver the results before time. With help of JUNIT methods for JAVA, we can get the status and ticket num of test case and I used this in the after test of base class where with the help of RESTassured I used POST method to post the status of each test case. Everyone started using this which saved us a lot of time.