**INTERVIEW PREP QUESTIONS**

**1. Explain about your role in the last project.**

* **Agile Environment**
* **Automation using Selenium WebDriver and Java**
* **Rest API Automation using HTTP Client, and tools like Postman, Soap UI Tool**
* **Mobile Automation using Appium.**

**2. How frequently you run the Regression test cases. How many Test cases did you run**

**in the Regression Suite, and how much time it took.**

* **Once usually during the end of sprint.**
* **800- 1000 Test Cases in a module and took 3-4 hrs.**

**3. How many test cases have you written in the last project.**

**My last project was for about 1 year and I wrote around 1000 test cases.**

**3. How do you rate yourself in SQL on a scale of 1 to 10.**

**May be 7 or 8.**

**SQL for data mapping – writing select query to ensure that data on the front end matches with database data.**

**4. WAQ to get details of top salaried employees.**

**Select \* from hr.employees where salary**

**IN ( select max(salary) from hr.employees)**

**4.WAQ to find all top salaried employees according to each department.**

**Select \* from employees where (salary, dept\_id )**

**IN (select max(salary) , dept\_id from**

**hr.employees group by dept\_id.**

**5.WAQ to fetch details of all employees with and without department.**

**Select e.first\_name, d.dept\_id,e.emp\_id from employees e left outer join dept d**

**On e.dept\_id = d.dept\_id**

**6. WAQ to find maximum salary in each department**

**Select max(salary) , dept\_id from hr.employees group by dept\_id**

**7. What are the different types of Joins.**

* **Inner Join**
* **Outer Join- Left Outer join, Right outer join, Full join.**
* **Cross Join**
* **Natural join**
* **Self Join**

**8. What is Primary key and Foreign Key.**

**Primary Key – unique identifier in the table. Helps to identify each record uniquely.**

**Table can have only one primary key.**

**Foreign key- Used to create a relation between multiple tables.**

**Table can have multiple foreign keys.**

**9. Write a shells script to fetch last 10 lines in a file named log.txt which have the word error in it. Assume log file is in qa1/logs. Currently you are in root directory.**

**cd qa1/logs**

**tail 10 log.txt|grep ‘error’**

**10. What is the purpose of less command. How do you distinguish from cat.**

**Less- see page by page, if the data is huge.**

**Cat – displays entire content and place cursor at end of data.**

**11. How do you change permission of file**

**Chmod**

**12. How do you list all hidden files**

**ls-a**

**13.What is the difference between Abstract class and Interface**

**14.Why string is immutable in Java**

**15.In what scenarios will you use waits. What are the different types of waits.**

**16.What is the difference between Put and Post**

**17.Differentiate between SOAP and REST**

**18.What are the different patterns that you have used in Automation Framework.**

* **Page object pattern**
* **UI Mapping pattern**
* **Data Driven testing**
* **Singleton Pattern**
* **Factory pattern**

**19.Can you explain your Automation Framework.**

**20.What all should you know before building a framework**

* **Technology that is used to do the FW**
* **Is Manual Testing over.**
* **How many test cases.**
* **Timeframe to complete automation FW.**
* **Is application stable.**
* **What are the IDE tools, build and integration tool**
* **How many resources**

**21.What are the classification of Mobile Apps.**

* **Native – specific OS supported language**
* **Hybrid – written in generic language**
* **Mobile Web App – Responsive UI is used.**

**22.How did you get .apk and .ipa files for Mobile test automation.**

**23.What are the day to day roles in your project.**

* **As I worked in Agile, they assigned user story in every sprint.**
* **Developed and executed Automation Scripts, based on user story.**
* **Attend Daily Standup Meeting**
* **Logging the Defects**
* **Running Regression Test cases and providing reports to manager.**

**24.How many team members are in your team**

**4 developers,3 QA,1 Scrum Master and 1 Product Owner.**

**25.How do you run your test suites.**

* **Local – Run your Maven build**
* **Jenkins- Git is integrated with Jenkins and run the build**