**Which components have you used in Load Runner?**

* **Virtual User Generator (VUGEN):** It records V user scripts that emulate the step of real users using the application.
* **Controller:** It is an administrative center for creating, maintaining and executing scenarios. Starts and stops Load tests, and perform other administrative tasks.
* **Analyzer:** Uses the load test result to create graphs and reports that are used to correlate system information and identify both bottlenecks and performance issues.

**What is correlation?**

* Correlation is the relationship that exists between two or more variables.
* When a change in one variable causes a change in the other variables then the two variables are said to be corrected.

**What is the process for developing a Vuser script?**

* Recording the Vuser script.
* Edit the Vuser script.
* Run the Vuser script in stand-alone mode.
* Incorporate the Vuser script into a load runner scenario.

**What is the relationship between response-time and throughput?**

Response time and throughput are related. The response time for an average transaction tends to decrease as you increase overall throughput. However, you can decrease the response time for a specific query, at the expense of overall throughput, by allocating a disproportionate amount of resources to that query.

**What is the difference between hits/second and request/second?**

Hits per second means the number of hits the server receives in one second from the Vuser. Request per second is the number of request the Vuser will request from the server.

**What is Automation Testing?**

Automation testing is a method of testing software products with special testing tools and framework to minimize human intervention and maximize quality. Automation testing is done with the help of automation software, and it controls the flow of the execution of test as per the written test script.

**Which are the browsers supported by the selenium ide?**

Selenium IDE has add-ons for **fire-fox and chrome** browsers. Selenium IDE comes with rich set of commands that are powered by selenese and it allows you to record and test different interactions of a web application with the browser.

**What are the benefits of Automation Testing?**

* Accuracy improvement.
* Test suite reusability.
* Ability to test on various platforms
* Early bug detection
* Reduce the expense.
* Scalability of test cases.
* Fast development and delivery.
* Easy execution of lengthy and complicated test cases.

**What are the advantages of Selenium?**

* Open source.
* Language support.
* Support operating system.
* Support across browsers.
* Support for programming languages and framework.
* Test across devices.
* Constant updates.
* Loaded selenium suites.
* Ease of implementation.
* Reusability and Add-ons.

**Why tester should opt for selenium and not QTP?**

Selenium, however, supports a wide range of programming lasnguages.QTP/UFT test scripts only run on the Windows environment. They cannot be run across all browsers. On the other hand, selenium is OS independent and allows test scripts to run across all browsers.