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

1. **V-user generator -for generating scripts.**
2. **Controller - for creating and executing scenarios.**
3. **Analyzer- to analyse result.**

* **How can you set the number of V-user in load runner?**

**You can set the number of v-user in the controller section while creating your scenarios. Many other advanced options like ramp -up ramp-down of V- user. Are also available in the controller section.**

* **What is correlation?**

**“ Correlation” term refers to the handing of dynamic values coming from the server. These dynamic values are the unique values that are generated by the server for security purposes like the session Id authorization token etc.**

* **What is the process for developing a V-user script?**

1. **Step 1- record the V-user script.**
2. **Step 2- playback and improve the recorded V-user script.**
3. **Step 3- define and test the different run time parameters.**
4. **Step 4- use the script in a load runner scenario.**

* **How load runner interacts with the application?**

**Load runner simulates user activity by generating messages between application components or by simulating interactions with the user interfaces such as key presses or mouse movements.**

* **How many V-user are required for load testing?**

**If you run a load test with 10,000 virtual users, each making a request every 20 seconds (3 requests per minute), then you’re making 30,000 requests per minute, which equals 500 requests per second.**

* **What is 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.**

* **What is Automation?**

**Test automation is the use of software to control the execution of the tests the comparison of actual outcomes, to predicted outcomes , the setting up of test precondition and other test control and test resorting functions.**

**Approach to test automation**

* **Code - driven testing**
* **Graphical user interface testing**
* **Which are the browses supported by selenium ide?**

**The supported browsers include Mozilla, Firefox, google chrome, Microsoft edge, safari and opera, among others.**

* **What are benefits of automation testing?**
* **Saving costs.**
* **Faster feedback loop.**
* **Guarantees higher accuracy.**
* **Increased test coverage.**
* **Detects bugs earlier.**
* **Test at scale.**
* **Speed**
* **Maximizes ROI.**
* **Reliable.**
* **What are the advantages of selenium?**

1. **Language and framework support.**
2. **Multi- Browser support.**
3. **Open source Availability.**
4. **Ease of implementation.**
5. **Parallel test execution and faster market launch.**
6. **Support across various operation.**

* **What testers should opt for selenium and not QTP?**

**Selenium, however, supports a wide range of programming languages.**

**QTP/UFT test scripts run only 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.**