

1. Which components have you used in Load Runner?

There are three components used in load runner. Virtual user generator, controller, analysis.

2. How can you set the number of Vusers in Load Runner?

You can set the numbers of Vusers in the controller section while creating your scenarios many others advanced options likes ramp-up, ramp-down of Vusers are also available in the controller section.

3. What is Correlation?

Correlation is the capturing of dynamic values passed from the server to the client and back. We saved the captured value into a load runner parameter, and then use this parameter in the script in place of original value.

4. What is the process for developing a Vuser Script?

Step-1. Record the Vuser script.

Step-2. Playback and improve the recorded Vuser script.

Step-3. Define and test the different run-time parameters.

5. How Load Runner interacts with the application?

load runner simulates user activity by generating messages between application and components or by simulating interactions with the user interface such as key processes or mouse movements. The messages and interactions to be generated are stored in scripts.

6. How many VUsers are required for load testing?

For example, if you run a load test with 10000 virtual users, each making a request every 20 seconds (3 requests per minutes), then you are making 30000 requests per minute, which equals 500 requests per minute.

7. What is the relationship between Response Time and Throughput?

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

8. What is Automation Testing?

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

9. Which Are the Browsers Supported By Selenium IDE?

Mozilla Firefox,
internet explorer,
google chrome,
safari,
opera conqueror,
others.

10.What are the benefits of Automation Testing?

Benefit of Automation testing:

- Saves Time
- Productivity Improvement
- Accuracy Improvement
- Test suite reusability
- Running tests 24/7
- Early bug Detection
- Less human Resources
- Reduce the expenses
- Fast Development and delivery
- Scalability of test cases

11.What are the advantages of Selenium?

Advantages of Selenium

- Open Source
- Supports all browsers like IE, Firefox, Mozilla, Safari
- Supports all Operating Systems.
- Supports all programming languages Java, Ruby, C# and Python.
- Run multiple tests at a time.

12. Why testers should opt for Selenium and not QTP?

SR. NO.	Selenium	QTP
1	Open source, free to use, and free of charge.	Commercial.
2	Highly extensible	Limited add-ons
3	Can run tests across different browsers	Can only run tests in Firefox , Internet Explorer and Chrome
4	Supports various operating systems	Can only be used in Windows
5	Supports mobile devices	Supports mobile device using 3rd party software
6	Can execute tests while the browser is minimized	Needs to have the application under test to be visible on the desktop