1. Which components have you used in Load Runner

* The key components of LoadRunner are:
* Vuser generator – For generating Scripts
* Controller – For creating and executing scenarios
* Analyzer – To analyze results.

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

* You can set the number of Vusers in the controller section while creating your scenarios.

1. What is Correlation?

* Correlation is the process of extracting some value from the response of one step into the request of another step.

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

* There are 5 steps for developingna vsuer script

1- Record the Vuser Script.  
2- Playback / Enhance the recorded vuser script.  
3- Define the various run-time settings & check  
4- Incorporate the script in a LoadRunner scenario

1. 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 interface such as keypresses or mouse movements. The messages and interactions to be generated are stored in scripts.

1. How many VUsers are required for load testing?

* The number of VUsers required depends on your system under test, network configurations, hardware settings, memory, operating system, software applications objective of a performance test. There cannot be any generic value for Vuser.

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

* The Throughput shows the amount of data in bytes that the Vusers received from the server in a second. When It is compared with transaction response time, throughput and response time get decreased.
* The peak throughput and highest response time would occur approximately at the same time.

1. What is the difference between hits/second and requests/second?

* Hits per second mean 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.

1. What is Automation Testing?

* Automation testing is the process in which testers utilize tools and scripts to automate testing efforts.

1. Which Are The Browsers Supported By Selenium Ide?

* Firefox Browser
* Chrome Browse

1. What are the benefits of Automation Testing?

* Saving Costs
* Swifter Feedback
* Better allocation of resources
* Guarantees higher accuracy
* Increased test coverage
* Defects bugs earlier

1. What are the advantages of Selenium?
2. Selenium is pure open source, freeware and portable tool.
3. Selenium supports variety of languages that include Java, Perl, Python, C#, Ruby, Groovy, Java Script, and VB Script. etc.
4. Selenium supports many operating systems like Windows, Macintosh, Linux, Unix etc.
5. Selenium supports many browsers like Internet explorer, Chrome, Firefox, Opera, Safari etc.
6. Selenium can be integrated with ANT or Maven kind of framework for source code compilation.
7. Selenium can be integrated with TestNG testing framework for testing our applications and generating reports.
8. Selenium can be integrated with other open source tools for supporting other features.
9. Selenium can be used for Android, IPhone, Blackberry etc. based application testing.
10. Selenium supports very less CPU and RAM consumption for script execution.
11. Why testers should opt for Selenium and not QTP?

* Selenium is an open source whereas QTP is a commercial tool
* Selenium is used specially for testing web based applications while QTP can be used for testing client server application also
* Selenium supports Firefox, IE, Opera, Safari on operating systems like Windows, Mac, Linux etc. however QTP is limited to Internet Explorer on Windows.
* Selenium supports many programming languages like Ruby, Perl, Python whereas QTP supports only VB script.