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

There are three components have you used in Load Runner are:

1. **VuGen(Virtual User Generator)** - For generating Scripts
2. **Controller** - For creating and executing scenarios
3. **Analysis** - To analyze results.

**2. 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. Many other advanced options like ramp-up, ramp-down of Vusers are also available in the Controller section.

**3. What is Correlation?**

Correlation is used to obtain data which is unique for each run of your test script (ex: session ids). While recording, these dynamic values are hard-coded in your script causing the script to fail during playback. Correlation is a technique where dynamic values are not hard-coded in your script but are extracted at run-time to avoid failure.

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

There are four steps for developing a Vuser 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 Load Runner scenario

**5. How does Load runner interact with the application?**

Protocol is used in Load Runner to interact with the application.

**6. 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 can not be any generic value for Vuser.

**7. 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.