**Q1. Which components have you used in Load Runner?**

**=>** Virtual user generator

**Q2. 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.

**Q3. What is Correlation?**

=> Correlation is a process of capturing and storing the dynamic response from the server and passing it in the subsequent requests.

**Q4. What is the process for developing a Vuser Script?**

=> There are 5 steps for developing a vuser script.

1- Recording the vuser script.

2- Edit the vuser script.

3- Runtime setting.

4- Run the vuser script in stand-alone mode.

5- Incorporate the vuser script into a load runner scenario.

**Q5. 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 key presses or mouse movements. The messages and interactions to be generated are stored in scripts.

**Q6. How many VUsers are required for load testing?**

=> This tool is capable of simulating hundreds of thousands of users, putting applications under real life loads to determine their behavior under expected loads (Hp Load Runner)

=> Example- 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.

**Q7. 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.

**Q8. What is the difference between hits/second and requests/second?**

=> Hits/second are the numbers of HTTP requests made by VUsers to the Web Server in a scenario or session step run on a per second basis. Requests/second are the numbers of requests completed during each second of scenario run.