**1.Which components have you used in load runner?**

* **Load Generator :**generates the load against the application by following scripts
* **VuGen :(**Virtual User Generator) for generating and editing scripts
* **Controller** **:**controls, launches and sequences instances of Load Generator - specifying which script to use, for how long etc

**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 corrlation?**

a mutual relationship or connection between two or more things.

"research showed a clear correlation between recession and levels of property crime

**4.what is the process for devloping a vuser script?**

* recording the vuser script .
* edit the vuser script.
* runtime setting .
* run the vuser script in stand-alone mode.
* incorporate the vuser script into a load runner scenario.

**5.how load runner interacts with the application?**

generating messages between application components or by simulating interactions with the user interface such as key presses or mouse movements.

**6.how many vusers are required for load testing?**

Concurrent virtual user calculation

For 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.

**7.what is the relations batween 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.

**8.what is the deferents batween hits/second and request /second?**

its per second means 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.

**9.to test the perpormance testing on ``tops technologies website”:-https://www.tops –int.com**

1.to record all top level menu

2.to record minimum 10 vusers on this website

3.save all (scripts ,design,graph)