Module - 4

1) Which components have you used in Load Runner?
ANS -> - is the most popular performance testing tools on the market today.
- This tool is capable of simulating hundreds of thousands of users, putting applications under real life loads to determine their behavior under expected loads.
- Load runner features a virtual user generator which simulates the actions of live human users.

2) How can you set the number of Vusers in Load Runner?
ANS -> How can you set the number of Vusers in LoadRunner? 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?
ANS -> Correlation in JMeter is the process of capturing and storing a dynamic response from the server and passing it on to subsequent requests. In JMeter, correlation is very important. That's because dynamic

sites require correlation during performance load test scripting

4) What is the process for developing a Vuser Script?
ANS ->

5) How Load Runner interacts with the application?
ANS -> LoadRunner 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.

6) How many VUsers are required for load testing?
ANS -> 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 relationship between Response Time and Throughput?
ANS -> 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 difference between hits/second and requests/second ?
ANS -> Hits per second' refers to the number of HTTP requests sent by the user(s) to the Web server in a second. In terms of performance testing, there is a major difference in Transactions per second and Hits per second. A single transaction can create multiple hits on the server.