**MODULE-4(TESTING ON LIVE APPLICATION)**

**QUE-1 WHICH COMPONENTS HAVE YOU USED IN LOAD RUNNER?**

There are 3 components in load runner.

1. VUGen(Virtual user generator)
2. LOADRUNNER COMPONENTS
3. ANALYSIS

**QUE-2 HOW CAN YOU SET THE NUMBER OF VUSERS IN LOAD RUNNER?**

You can add vsusers groups to a running performance test, or edit exiting vuser group settings during a test run. On the performance test run page, click design groups and scheduler. Then select add groups.

**QUE-3 WHAT IS CORELATION?**

Correlation is the process of extracting some value from the response of one step into the request of another step. It captures and stores the dynamic response from the server and passes it on to subsequent requests.

**QUE-4 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.

**QUE-5 HOW LOAD RUNNER INTRECTS WITH THE APPLICATION?**

LoadRunner 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.

**QUE-6 HOW MANY VUSERS ARE REQUIRED FOR LOAD TESTING?**

For HTTP (S) test each Load Injector can handle approximately up to 1000 concurrent HTTP users. For Web page or Web application test each Load Injector can handle approximately up to 25 concurrent users.

**QUE-7 WHAT IS THE RELATIONSHIP BETWEEN RESPONSE TIME AND THROUGHPUT?**

Throughput measures the overall performance of the system. For transaction processing systems, throughput is typically measured in transactions per second (TPS) or transactions per minute (TPM). Response time Response time measures the performance of an individual transaction or query.

**QUE-8 WHAT IS THE DIFFERENCE BETWEEN HITS/SECOND AND REQUESTS/SECOND?**

Hits/second are the number 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 number of requests completed during each second of scenario run.

**QUE-9 CREATE NORMAL SCRIPT OF ABOVE WEBSITE WITH CORRELATE USING UP DEFAULT WEBSITE.**

