

Module-4

AUTOMATION CORE TESTING

1) WHICH COMPONENTS HAVE YOU USED IN LOAD RUNNER?

Ans.

- Virtual user generator
- Controller
- analyzer

2) HOW CAN YOU SET THE NUMBER OF V USERS IN LOAD RUNNER ?

Ans. we have to add the particular script which we want to run. There we have to set the number of V users to run for that script. but you have to add V users depending on the your Load Runner license for how many V users it supports

3) WHAT IS CORRELATION?

Ans. To connect session with user is called correlation.

4) WHAT IS THE PROCESS FOR DEVELOPING A V USER SCRIPT ?

Ans. A v user script may be created in four steps.

- **Step 1-** Record the V user Script.
- **Step 2-** Playback and improve the recorded v user script.
- **Step 3-** Define and test the different run-time parameters.
- **Step 4-** Use the script in a Load Runner scenario.

5) HOW LOAD RUNNER INTERACTS WITH THE APPLICATION ?

- Virtual user generator
- Controller
- Analyzer

6) WHAT IS THE RELATIONSHIP BETWEEN RESPONSE TIME AND THROUGHPUT?

Ans. 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.

7) WHAT IS AUTOMATION TESTING?

Ans Automation Testing refers to the practice of using software tools and scripts to automate the execution of tests in software development and quality assurance processes. It involves creating scripts or test cases that can be run automatically, rather than requiring manual effort.

8) WHICH ARE THE BROWSERS SUPPORTED BY SELENIUM IDE?

- FireFOX,
- Chrome,
- Edge,
- Safari.

9) WHAT ARE THE BENEFITS OF AUTOMATION TESTING?

ANS.

- Lowered operating costs. ...
- Improved worker safety. ...
- Reduced factory lead times. ...
- Faster ROI. ...
- Ability to be more competitive. ...
- Increased production output. ...
- Consistent and improved part production and quality.

10) WHAT ARE THE ADVANTAGES OF SELENIUM?

ANS.

- **Support for Major Languages**
- **Flexible Test Management**
- **Multi-Browser Use**
- **Easy Cross-Device Testing**
- **Simple Framework for Users**
- **Reusable Automation Test Suites**
- **Ease of Implementation.**

