**Module-5(Automation core testing (Load runner up and selenium IDE)**

1 Which components have you used in Load Runner?

* Controller
* Load Generator
* Agent process
* Planning the load test
* Create a VUGen script
* Scenario creation
* Run Scenario

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 How is correlation?

* Correlation describes the strength of an association between two variables, and is completely symmetrical, the correlation between A and B is the same as the correlation between B and A.

4 What is the process for developing a Vuser script?

* 1] Record the Vuser Script.
* 2] playback and improve the recorded vuser script.
* 3] Define and test the different run-time parameters.
* 4]Use the script in LoadRunner scenario.

5 How Load Runner interacts with the application?

* LoadRunner simulates user activity by generating messages between application components or by simulating interactions with the users interface such s key presses or mouse movements.

6 How many Vusers are Required for load testing?

* If you run a load test with 10,000 virtual users, each making request every 20 seconds, 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?

* The response time for n verge transaction tends to decrease as you increase s you increase overall throughput. however, you can decrease the response time for specific query, t the expense of overall throughput, by allocating disproportionate amount of resources to that query.

8 What is the difference between hits/second and requests/second?

* Hits per sec is the number of calls to the webserver per second. and Request per sec is the number of request made to the webserver per second.

9 To test the performance testing on “Tops Technologies website” :\_https://www.tops-int.com/

1.to Record all top level menu

2.to record minimum 10 Vuser on this website

3.Save all(Script,Design,Graph)

10 Create a normal script of above website with correlate using hp default website.

11 What is Automation Testing?

* Test automation is the use of software to control the execution of test, the comparison of actual outcomes to predicted outcomes, the setting up of testpreconditions, and other test control and test reporting functions.

12 Which are the browsers supported by selenium Ide?

* The supported browsers include Mozilla Firefox, Google Chrome, Microsoft Edge, Safari, and Opera, among others.

13 What are the benefits of automation testing?

* Automated Testing saves time and money
* Vastly increases your test coverage
* Testing Improves accuracy
* Automation does what manual testing cannot
* Automated Testing Helps Developers and testers

14 What are the advantages of selenium?

* Very easy to use and install.
* No programming experience is required, through knowledge of HTML and DOM are needed.
* Can export tests to formats usable in selenium RC and WebDriver.
* Has built-in help and test results reporting module.
* Provides support for extensions.

15 Why testers should opt for selenium and not QTP?

* Selenium, however, supports a wide range of programming languages.QTP/UFT test script run only on the windows environment. They cannot be run across all browsers. On the other hand, selenium is OS independent and allows test scripts to run across all browsers.

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