# Module-4 Automation and Selenium

# 1) Which components have you used in Load Runner?

# Load Generator

# 2) How can you set the number of Vusers in Load Runner?

# the number of Vusers in the controller section while creating your scenarios

# 3) What is Correlation?

# Correlation is a statistical measure that indicates the extent to which two or more

# variables fluctuate in relation to each other

# 4) What is the process for developing a Vuser Script?

# A user script may be created in four steps.

# ● Step 1- Record the Vuser Script.

# ● Step 2- Playback and improve the recorded user script.

# ● Step 3- Define and test the different run-time parameters.

# ● Step 4- Use the script in a 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 user interface such as key presses or

# mouse movements.

# 6) How many VUsers are required for load testing?

# 10,000 virtual users

# 7) What is the relationship between Response Time and Throughput?

# The response time for an average transaction tends to decrease as you increase overall

# throughput.

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

# Hits per second mean the number of hits the server receives in one second from the

# user. Request per second is the number of requests the user will request from the

# server.

# Selenium IDE

# 1) What is Automation Testing?

# Automated testing is a software testing technique that automates validating software's

# functionality and ensures it meets requirements before being released into production.

# 2) Which Are Browsers Supported By Selenium Ide?

# Google Chrome, Internet Explorer 7 onwards, Safari, Opera, Firefox

# 3) What are the benefits of Automation Testing?

# ● Faster Feedback Cycle.

# ● Testing on Multiple Platforms in Parallel.

# ● Reusability of Test Scripts.

# ● Easy Data-driven Testing.

# ● Test Insights.

# ● Maximum Test Coverage.

# ● 24X7 Test Execution.

# ● Scalability.

# 4) What are the advantages of Selenium?

# Selenium is an open-source automation testing tool and it is free of cost to use

# 5) Why should testers opt for Selenium and not QTP?

# Selenium is OS-independent and allows test scripts to run across all browsers

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