**MIHIR JAYESHKUMAR PATEL**

**DIPLOMA SOFTWARE TESTING AND AUTOMATION(SELENIUM)**

**ASSIGNMENT: MODULE-5**

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| Q-1 | What is Automation Testing? |
| ANS | **Automation Testing** is a software testing technique that performs using special automated testing software tools to execute a test case suite. On the contrary, Manual Testing is performed by a human sitting in front of a computer carefully executing the test steps. |
| Q-2 | Which Are The Browsers Supported By Selenium Ide? |
| ANS | Selenium is a free (open source) automated testing suite for web applications  across different browsers and platforms.  ⚫ It is quite similar to HP Quick Test Pro (QTP) only that Selenium focuses  on automating web-based applications. |
| Q-3 | What are the benefits of Automation Testing? |
| ANS | * 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. |
| Q-4 | What are the advantages of Selenium? |
| ANS | * Acts as a powerful antioxidant. Share on Pinterest. ... * May reduce your risk of certain cancers. ... * May protect against heart disease. ... * Helps prevent mental decline. ... * Is important for thyroid health. ... * Boosts your immune system. ...   May help reduce asthma symptoms. |
| Q-5 | Why testers should opt for Selenium and not QTP? |
| ANS | Selenium, however, supports a wide range of programming languages. QTP/UFT test scripts 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. |
| Q-6 | To validate the Swaglab website Login and logout process page https://www.saucedemo.com |
| ANS | https://github.com/MPatel004/Mihir\_Tops/tree/main/Assignment/MODULE-5 |