**Software Testing Assignment**

**Module-V (Selenium IDE)**

1. **What is Automation Testing?**

Automation testing is the use of software tools and scripts to automatically run and validate tests. It's commonly used in software development to improve the efficiency and accuracy of testing.

1. **Which Are The Browsers Supported By Selenium Ide?**

Selenium IDE is a browser extension that works with Google Chrome, Mozilla Firefox, and Microsoft Edge. It's an open-source tool that lets users record and replay their actions in a browser.

1. **What are the benefits of Automation Testing?**

* 70% faster than the manual testing
* Wider test coverage of application features
* Reliable in results
* Ensure Consistency
* Saves Time and Cost
* Improves accuracy
* Human Intervention is not required while execution
* Increases Efficiency
* Better speed in executing tests
* Re-usable test scripts
* Test Frequently and thoroughly
* More cycle of execution can be achieved through automation
* Early time to market

1. **What are the advantages of Selenium?**

* Open Source
* Supports all browsers like IE, Firefox, Mozilla, Safari
* Supports all Operating Systems.
* Supports all programming languages Java, Ruby, C# and Python.
* Run multiple tests at a time

1. **Why testers should opt for Selenium and not QTP?**

* Selenium is an open source whereas QTP is a commercial tool
* Selenium is used specially for testing web based applications while QTP can be used for testing client server application also
* Selenium supports Firefox, IE, Opera, Safari  on operating systems like Windows, Mac, Linux etc. however QTP is limited to Internet Explorer on Windows.
* Selenium supports many programming languages like Ruby, Perl, Python whereas QTP supports only VB script