**Module 5(Automation and Selenium IDE)**

1. **What is Automation Testing?**

**A:** Automation Testing is a software testing technique that performs using special automated testing software tools to execute a test case suite.

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

**A:** The Browsers Supported By Selenium Ide Google Chrome, Mozilla Firefox, and Microsoft Edge.

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

**A: Benefits of Automation testing are**

* 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?**

**A: 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.

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

**A: Reasons for Selenium not for QTP**

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| **S.No** | **Selenium** | **QTP** |
| 1 | Open source, free to use, and free of charge | Commercial. |
| 2 | Highly extensible | Limited add-ons |
| 3 | Can run tests across different browsers | Can only run tests in Firefox , Internet Explorer and Chrome |
| 4 | Supports various operating systems | Can only be used in Windows |
| 5 | Supports mobile devices | Supports mobile devise using 3rd party software |
| 6 | Can execute tests in parallel. | Can only execute in parallel but using Quality Centre which is again a paid product. |