

## **MODULE - 5**

### **Q.1 What is Automation Testing?**

**ANS:-** Automated testing is a software testing technique that automates the process of validating the functionality of the software and ensures it meets requirements before being released into production. With automated testing, an organization can run specific software tests at a faster pace without human testers. Automated testing is best suited for large or repetitive test cases.

### **Q.2 Which Are The Browsers Supported By Selenium Ide?**

**ANS:-**The supported browsers include Mozilla Firefox, Google Chrome, Microsoft Edge, Safari, and Opera, among others. Selenium WebDriver allows you to write tests in various programming languages (including Java, C#, Python, and more) and execute them on different browsers using the corresponding WebDriver implementations.

### **Q.3 What are the benefits of Automation Testing?**

**ANS:-**

- Saving Costs.
- Faster Feedback Loop.
- Better Allocation of Resources.
- Guarantees Higher Accuracy.
- Increased Test Coverage.
- Detects bugs earlier.
- Test at Scale.
- Maximizes ROI.

### **Q.4 What are the advantages of Selenium?**

**ANS:-**

- Language and Framework Support. ...
- Open Source Availability. ...
- Multi-Browser Support. ...
- Support Across Various Operations. ...
- Ease of Implementation. ...
- Reusability and Integrations. ...

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- Flexibility. ...
- Parallel test execution and faster market launch.

### **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.