M.Sc. (CA) SEMESTER – 1

Subject – Automation Testing Framework
(105)

Assignment: 1

Q-1) Explain the concept of Browser Drivers in Selenium and why they are important.
Q-2) What is the significance of the Action Chains object in Selenium, and what are some common actions you can perform using it?

Assignment: 2

Q-1) Provide examples of Action Chain methods, such as click, double click, and drag and drop, and explain their usage.
Q-2) Explain the components of Selenium, including Selenium IDE, RC, WebDriver, and Grid

Assignment: 3

Q-1) Why is the Keys class from Selenium.webdriver.common.keys important, and how is it used in Selenium?
Q-2) Explain the concept of locators in Selenium and discuss dynamic Xpath and dynamic CSS in detail.

Assignment: 4

Q-1) Explain how to handle alerts, popups, and multi-windows in Selenium test automation.
Q-2) Differentiate between Implicit, Explicit, and Fluent Wait in Selenium. When would you use each of these wait strategies in your automation scripts?

Note:
- **Assignment I & II must be written in one assignment and III & IV must be in another assignment book.**
- **Submission Date will be declared later on.**