**Ques 1)** **What are the annotations used in TestNG ?**

Ans: @Test, @BeforeSuite, @AfterSuite, @BeforeTest, @AfterTest, @BeforeClass, @AfterClass, @BeforeMethod, @AfterMethod.

**Ques 2) How do you read data from excel ?**

FileInputStream fis = new FileInputStream(“path of excel file”);

Workbook wb = WorkbookFactory.create(fis);

Sheet s = wb.getSheet(“sheetName”);

String value = s.getRow(rowNum).getCell(cellNum).getStringCellValue();

**Ques 3)** **What is the use of xpath ?**

Ans- it is used to find the WebElement in web page. It is very useful to identify the dynamic web elements.

**Ques 4)** **What are different types of locators ?**

Ans- There are 8 types of locators and all are the static methods of the By class.

By.id(), By.name(), By.tagName(), By.className(), By.linkText(), By.partialLinkText(), By.xpath, By.cssSelector().

**Ques 5)** **What is the difference between Assert and Verify?**

Ans- Assert- it is used to verify the result. If the test case fail then it will stop the execution of the test case there itself and move the control to other test case.

Verify- it is also used to verify the result. If the test case fail then it will not stop the execution of that test case.

**Ques 6)** **What is the alternate way to click on login button?**

Ans- use submit() method but it can be used only when attribute type=submit.

**Ques 7)** **How do you verify if the checkbox/radio is checked or not ?**

Ans- We can use isSelected() method.

Syntax –

driver.findElement(By.xpath("xpath of the checkbox/radio button")).isSelected();

If the return value of this method is true then it is checked else it is not.

**Ques 8)** **How do you handle alert pop-up ?**

Ans- To handle alert pop-ups, we need to 1st switch control to alert pop-ups then click on ok or cancel then move control back to main page.

String mainPage = driver.getWindowHandle();

Alert alt = driver.switchTo().alert(); // to move control to alert popup

alt.accept(); // to click on ok.

alt.dismiss(); // to click on cancel.

//Then move the control back to main web page-

driver.switchTo().window(mainPage); → to switch back to main page.

**Ques 9)** **How do you launch IE/chrome browser?**

Ans- Before launching IE or Chrome browser we need to set the System property.

//To open IE browser

System.setProperty(“webdriver.ie.driver”,”path of the iedriver.exe file ”);

WebDriver driver = new InternetExplorerDriver();

//To open Chrome browser

System.setProperty(“webdriver.chrome.driver”,”path of the chromeDriver.exe file ”);

WebDriver driver = new ChromeDriver();