**TECHNICAL INTERWIEV QUESTIONS ( SELENIUM )**

**1—What is the Selenium?**

---It is a framework and It is a testing tool for automating tests

In inside , there are 4 sutructures

* -Selenium IDE
* -Selenium Remote Control
* Selenium Grid
* -Selenium WebDriver

**2--How many different ways can the web element be found?**

Web Element : items found on web pages

There are 8 types of locaters

1. ID LinkTest
2. Name PartialLinkTest
3. TagName CSS Selector
4. ClassName Xpath

**3—how many types of xpath are there**

Xpath : a kind of locater for finding web elements

**Absolute Xpath :**

* goes from the top of the page to the part where the element is
* starts with a single slash

/html/body/div…..

**Relative Xpath :**

* + to get dynamic locate
  + starts with double slash

//header[@name=’sd’]

**4-----What is the FindElement() and FindElements()**

They are a methods of the Web Driver

* FindElement is for find just one web element
* FindElements are for find a few Web Elements

**5---What are Assert and Verify ?**

**Assert** : The structure we used to validate the tests

If the test fails, the other part will not work and this situation explain that the test was unsuccessful

**Verify** : Even if any part of the test fails , the other part still working . Does not finish the test

Assert.assertEquals(title , “Amazon”)=🡺Hard Assert🡺the other part does not work

softAssert.assertEqulas(title , “Amazon”)🡺Verify 🡺The other part is still working

**6---Explicit Wait and Implicit Wait ?**

These are the wait methods . We used when searching for web elements.

**Implicit Wait** : We apply to the driver and We use it all web element search

**Driver**.manage().timeouts().implicitwait(10,TimeUnitSeconds)

**Explicit Wait** : We use it for search a specific element.

**Wait**.until(Expected Conditions……..)

**7---What are Driver Methods?**

Driver.getDriver()….==>there are 13 methods in here

.get(“ ”)🡺go to URL

Close() : close just one tab

Quite() : close all the tab

**8---What is Action Class ?**

We use form Selenium Action Class

And we use it to when hover over the element with mouse and wait.

action.moveToElement(web element).perform

**9---How to make a Scroll Down?**

1. Use to Action Class=🡺action.SendKeys(Keys.PAGE\_DOWN).perform
2. Use to JavaScript Codes

**10----What is The Page Object Model?**

A structure for creating a Web Element pool.We call and use that element from the pool whenever we want .

**11---How to get attribute value of an element?**

Elementlocate.getattribute(‘classname’)🡺attribute(string)

Elementlocate.getCssValue(‘colour’)🡺css(string)

**12—What are the error types in Selenium?**

**WebDriver Exeption :** error is in the driver

**NoSuch Element :** for find element

**Timeout Exeption :** time is not enough

**No Allert Present Exeption :** for about allert

**No Such Window :** if we work different tabs

**No Such Frame Exeption:**if it doesnt pass to frame

**Element Not Selectable exeption :** if it doesnt select to element

**13—How to take a screenshot in Selenium?**

TakesScrennshot ss=Driver.getDriver();

File = ss.getScreenshotAs(OutType.FILE)

**14—How to change the spelling of element?**

**.clear()🡺** when delete the text inside in element

**Js.ExecuteScript(“argument[0].innerText=” ”, warning );🡺**for change text

**15—How to get options in inside drop down?**

Operation is done on dropdown with select class.

Select select=new Select(DropDown);

Select.getOptions(); 🡺for get all options(as a list element)

Select.selectByindex(); 🡺for special element

**16—You click on an element.A new page has opened.What do you do?**

First we find handle value of the page . And we go to that page with to switchTo() method

**Driver.getDriver().switchTo().windowHandle(‘that page handle value’);**

**Driver.getDriver().getHandles();🡺**all page are handle values

**17—How to control the allerts?**

If the allert is not clickable or not inspect , it is create with javascript.

Driver.getDriver().switchTo().alert();

//dismiss🡺not accept alert

//accept()🡺accept allert

//sendKeys()🡺send to data

**18—How to prioritize tests in Test NG?**

We add a tags to the beginning os the tests.

@Test(Priority=1) 🡺first run

@Test(Priority=2) 🡺second run

**19---How to test the web element’s colour?**

WebElement.getCssValue(‘background=colour);

**20—What are the words to use in feature files?**

Feature Background Scenerio Outline

Scenario Given When then And

**21---How to take a rapor in Cucumber and Test NG?**

Cucumber 🡺 we add plugins in Runner class

Default Rapor🡺Run==Edit configration == Listeners ==’use default reporters’click.

**22—How to do when want to verify in ReCaptcha?**

We stop application and do that part with manually and continous.

**23---How to do upload file tests and download file tests?**

File file=new File(‘Pathname’);

Boolean varmi=file.exists();

Assert.assertTrue(varmi); 🡺for download file test