**MCQ**

1. What will be the outcome of the following script:  
   WebDriver driver = new WebDriver();  
   driver.get(“http://www.google.com”);  
     
   A. Google page is launched in a new browser window  
   B. A new browser is opened but google page could not be launched  
   C. Runtime exception  
   D. Compilation Error
2. What will be the outcome of the following script:  
   import org.openqa.selenium.WebDriver;  
   import org.openqa.selenium.chrome.ChromeDriver;  
   public class Test{

public static void main(String [] args){  
 WebDriver driver = new ChromeDriver();  
 driver.get(“http://www.google.com”);

}

}

A. Google page is launched in a new browser window  
B. A new browser is opened but google page co uld not be launched,

C. Runtime exception – IllegalStateException

D. Compilation error

1. Which of the following command does NOT ensure implicit wait while performing the respective action:  
   A. driver.get(“sample\_url”);  
   B. driver.manage().timeouts().pageLoadTimeOut(60, TimeUnit.SECONDS);  
   C. driver.navigate.to(“sample\_url”);

D. driver.manage().timeouts().implicitlyWait(60, TimeUnit.SECONDS);

1. What will be the output of the following script if id ‘”inputtext” is not present:  
   List<WebElement> inputList = driver.findElements(By.id(“inputtext”));  
   A. NoSuchElementException  
   B. NullPointerException  
   C. An empty list (size = 0) is set to inputList  
   D. TimeOutException
2. What will be the output of the below script when the given xpath is not present in the webpage:  
   WebDriverWait wait = new WebDriverWait(driver, 30);  
   wait.until(ExpectedConditions.presenceOfElementLocatedBy(“//input[@name=’name\_1’]”));
3. Boolean value false is returned
4. NullPointerException is thrown
5. TimeOutException is thrown
6. NoSuchElementException is thrown
7. The below script can be replaced by:  
   new Actions(driver)

.clickAndHold(driver.findElement(By.name(“name1”)))  
 .moveToElement(driver.findElement(By.name(“name2”)))  
 .release()  
 .build().perform();

A) new Actions(driver)  
 .contextClick(driver.findElement(By.name(“name1”)))  
 .click(driver.findElement(By.name(“name2”)))  
 .build().perform();  
  
B) new Actions(driver)  
 .keyDown(driver.findElement(By.name(“name1”)), Keys.ARROW\_DOWN)  
 .moveToElement(driver.findElement(By.name(“name2”)))  
 .keyUp(Keys. Keys.ARROW\_DOWN)  
 .build().perform();  
  
C) new Actions(driver)  
 .dragAndDrop(driver.findElement(By.name(“name1”)),  
 driver.findElement(By.name(“name2”))).build().perform();  
  
D) None of the above

1. What does driver.getWindowHandles() method return:  
   A) A String value  
   B) Array of String values  
   C) List of String values  
   D) Set of String values
2. Which is the correct command to decline an alert pop-up  
   A) driver.switchTo().alert().decline();  
   B) driver.switchTo().alert().dismiss();  
   C) driver.switchTo().alert().reject();  
   D) driver.switchTo().alert().cancel();
3. What will be displayed in the console output when the below TestNG class is executed:  
   public class Demo1 {

@Test(priority = 2)

public void test1() throws Exception{

System.out.println("Test 1");

}

@Test(dependsOnMethods = {"test3"})

public void test2() throws Exception{

System.out.println("Test 2");

}

@Test(priority=0)

public void test3() throws Exception{

System.out.println("Test 3");

Assert.assertTrue(false);

}

}

A) Test 1 Test 2 Test 3

B) Test 3 Test 2 Test 1

C) Test 1 Test 3

D) Test 3 Test 1

1. What will be the output of the below Test NG script if it is executed using given Test NG XML:

public class Demo1 {

@BeforeTest

@Parameters({"paramA","paramB"})

public void setUp(String a, int b) throws Exception{

System.out.println(a);

System.out.println(b);

}

@Test

public void test1() throws Exception{

}

}

<?xml version="1.0" encoding="UTF-8"?>

<suite name="Suite">

<test thread-count="1" name="Test" parallel="classes">

<parameter name="paramA" value="ValueA"/>

<parameter name="paramB" value="ValueB"/>

<classes>

<class name="com.testing.mcq.Demo1"/>

</classes>

</test>   
</suite>

A) a b

B) paramA paramB   
C) ValueA ValueB  
D) Runtime exception - NumberFormatException

1. What kind of wait is WebDriverWait?

A) default wait

B) dynamic wait

C) static wait

D) implicit wait

1. Which default port does Jenkins runs on?

A) 8080

B) 4444

C) 1010

D) 8888

1. Which command is used to launch selenium server?
2. Which locator is a structure-based attribute?

A) ID

B) Name

C) Xpath

D) CssSelector

1. For opening the IBM website, which is the alternative method to driver.get("http://www.ibm.com/")?

A) driver.go().to("http://www.ibm.com/");

B) driver.navigate("http://www.ibm.com/");

C) driver.navigate().to("http://www.ibm.com/");

D) driver.to("http://www.ibm.com/");

1. If a class has been superseded and may cease to exist in the future, it is called as
2. What are run instance in Jenkins called?

A) Run

B) Billed

C) Builds

D) Script

1. There are 4 @Test defined in a code snippet with similar code. Which @Test will run first?

@Test

public void testA() throws Exception{

System.out.println(“test 1”);

}

@Test

public void testD() throws Exception{

System.out.println(“test 3”);

}

@Test

public void testC() throws Exception{

System.out.println(“test 2”);

}

@Test

public void testB() throws Exception{

System.out.println(“test 4”);

}

A) Descending order of @Test methods written in the snippet

B) Ascending order of @Test methods written in the snippet

C) Alphabetical order of @Test methods written in the snippet

D) None of these

1. What is data driven test?
2. System.setProperty(“\_\_”,Path), fill in the blank to set chromedriver path?

A) driver.webdriver.chrome

B) webdriver.chromedriver.driver

C) webdriver.chrome.driver

D) driver.chrome.webdriver

21. How to switch to main frame from iframe?

22. What is the order of testng annotation execution?

23. In xpath, what does // do

* 1. initiate from node
  2. initiate from anywhere element is found

24. Selenium supports

A) web app

B) standalone

C) none

D) both

25. How many parameters will be passed to a code if @DataProvider has array a[4][5]

A) 4

B) 5

C) 9

D) 1

26. What does void method returns?

27. What was introduced in selenium 2.0?

A) Selenium RC

B) Selenium IDE

C) WebDriver

D) Selenium Grid

28. How to send keyboard interrupts using selenium?

29. What is the goal in Maven project?

30. What is correct syntax for Junit suite?

A) @RunWith(Suite.**class**)

@Suite.SuiteClasses({Question2.**class**, Question5.**class**})

**public** **class** Question4 {

}

B) **public** **class** Question4 {

@RunWith(Suite.**class**)

@Suite.SuiteClasses({Question2.**class**, Question5.**class**})

}

C) @RunWith(Suite.**class**)

**public** **class** Question4 {

@Suite.SuiteClasses({Question2.**class**, Question5.**class**})

}

D) @RunWith(Suite.**class**)

@Suite.SuiteClasses({Question2.**class**; Question5.**class**})

**public** **class** Question4 {

}

31. Correct syntax for checkbox is selected?

A) element.isEnabled();

B) element.isSelected();

C) element.isTrue();

D) element.selected(true);

32. Correct syntax for sendKeys()?

33. What was removed in Selenium 3?

A) Selenium RC

B) Selenium IDE

C) WebDriver

D) Selenium Grid

34. Jar file support to read data from excel?

A) Apache POI

B) Write excel

C) Read excel

D) File Inputstream

35. What syntax do you use for taking screenshot?

36. Which method is used to locate object using WebDriver?

A) driver.findObject()

B) driver.locate()

C) driver.findElement()

D) driver.getElement()

37. What is Data Driven test?

A) Used to do database testing

B) Use the test data saved in the test script

C) Use the test data saved outside the test script

D) Data used in Webdriver test

38. Which of the following condition is NOT true for @DataProvider?

A) DataProvider can only return Strings

B) DataProvider can only return 2-Dimensional Arrays

C) DataProvider may not have a name

D) DataProvider can provide data to multiple @Test methods

39. What is the difference between driver.quit and driver.close?

A) 'close' is not a valid WebDriver method

B) 'close' closes all the windows/tabs opened in that driver instance and 'quit' only closes the focused window/tab

C) 'quit' closes all the windows/tabs opened in that driver instance and 'close' only closes the focused window/tab

D) 'close' is an alternative of 'quit'

40. Which is not a valid WebDriver?

A) htmlUnitDriver

B) ChromeDriver

C) SafariDriver

D) RCDriver

41. Which method does not use object locator?

A) findElement()

B) getTitle()

C) findElements()

D) switchTo().frame()

42. For opening the IBM website, which is the alternative method to driver.get("http://www.ibm.com/")?

A) driver.go().to("http://www.ibm.com/");

B) driver.navigate("http://www.ibm.com/");

C) driver.navigate().to("http://www.ibm.com/");

D) driver.to("http://www.ibm.com/");

43. Which tag in pom.xml is used to import libraries from the maven repository?

A) build

B) dependency

C) plugins

D) import

44. Which of the below is not a valid attribute of the @Test annotation in TestNG?

A) alwaysRun

B) dataProvider

C) neverRun

D) priority

45. What are individual projects in Jenkins called?

A) Builds

B) Jobs

C) Dashboards

D) Packages

46. If you have an application to test which was developed in PHP, can you use Java programming language Test Scripts to test it?

A) Yes, PHP applications can be tested

B) Yes, but only the Java applets can be tested

C) No, PHP applications cannot be tested

D) No, PHP can only be tested with PHP test scripts

47. @Test(groups = "selenium")

public void t1(){

System.out.print("This is a Selenium test. ");

}

@Test(groups = "qtp")

public void t2(){

System.out.print("This is a QTP test. ");

}

@Test(groups = {"qtp","Junit"})

public void t3(){

System.out.print("This is a QTP and a Junit test. ");

}

Consider the above three tests. Predict the output when we choose to exclude the 'qtp' group

A) This is a Selenium test.

B) This is a Selenium test. This is a QTP and a Junit test.

C) This is a QTP and a Junit test. This is a Selenium test.

D) This is a QTP and a Junit test.

48. What will the below snippet do?

js.executeScript("window.scrollBy(0,document.body.offsetheight)");

A) It will scroll from 0 to offsetheight

B) Compile time error

C) It will scroll up the page

D) Runtime Error

49. Which feature got added to Selenium 2.0

A) WebDriver

B) Selenium IDE

C) Selenium RC

D) Selenium Grid

50. Which feature got removed from Selenium 3.0?

A) WebDriver

B) Selenium IDE

C) Selenium RC

D) Selenium Grid

51. Which annotations are exclusively for TestNG

A) @BeforeClass

B) @DataProvider

C) @Before

D) @Test

52. Which of the following is not used to find elements on a page?

A) Select

B) findElement

C) Inspect option in browser

D) Firebug

53. Which of the following is correct?

A) If(isSelected() ==true)

B) If(isSelected == 'true')

C) If(isSelected == 'true')

D) If(isSelected() == 'true')

54. Which of the following was Goal in maven?

A) Compile

B) Run

C) Billed

D) Execute

55. Which one is annotation attribute?

A) DataProvider

B) FindElememt

C) Priority

D) Name

56. Jar file for excel reading and writing

A) JXL

B) Write excel

C) Read excel

D) File Inputstream

57. SeleniumServer = new SeleniumServer(), which we will be using to method to start server

A) start();

B) run();

C) begin();

D) exit();

58. Which of the following is used to perform double click in selenium?

A) doubleClick

B) double Click

C) doubleClick(elementLocator)

D) Click

59. Which selenium command check whether specific text exists somewhere on the page?

A) verifyTextPresent  
B) verifyTextisPresent  
C) CheckTextPresent  
D) VerifyPresentText

60. Select the component which is NOT part of the Selenium suite?

A) Selenium IDE  
B) Selenium RC  
C) selenium grid  
D) Selenium Web

61. In Selenium terminology, what is the generic name for an argument that starts with “//”?

A) LinkText

B) Xpath

C) Partial LinkText

D) ID

E) CSS

62. Which is the only browser that supports Selenium IDE to be used?

A) Chrome

B) Safari

C) Firefox

D) None of these

63. Why is the contextClick() used for?

A) It is used to right click.

B) It is used to left click.

C) It is used to open popup menu.

It is used to click the hidden element.

64. What does the below Selenium WebDriver code would subject to do?

Alert alert = driver.switchTo().alert();

A) This will create a new alert popup.

B) This will return the currently open alert popup.

C) This will close the currently open alert popup.

D) This will close all of the currently open alert popups.

65. Which of the following is correct in case of WebDriver?

A) WebDriver is an interface.

B) WebDriver is a class.

66. Why is the actions class used for in WebDriver?

A)  It controls the actions of mouse.

B) It controls the actions of web elements.

C) It controls the actions of run-time exceptions.

D) None of these.

67. Which of the following WebDriver class is used to run Selenium tests in internet explorer?

A) HtmlUnitDriver

B) RemoteWebDriver

C) IEDriver

D) None of these

68. Which of the following WebDriver method that supports moving between named windows?

A) driver.Activate().window("windowName");

B) driver.switchTo().window("windowName");

C) driver.MoveTo().window("windowName");

D) None of these

69. Which of the following is a correct difference b/w getWindowHandles() and getWindowHandle()?

A)getWindowHandles() returns the active browser handle whereas getWindowHandle() gives the top most browser handle.

B) getWindowHandles() returns a String whereas getWindowHandle() returns an Iterator<String>.

C) getWindowHandles() returns handles of all the open browsers whereas getWindowHandle() gets the address of the current browser.

D) None of these.

70. In WebDriver, which of the following command would you find the best to enter values into a textbox?

A) sendKeys(“text”)

B) sendKeys()

C) type()

D) selenium.type()

71. Which of the following WebDriver methods is used to change focus to an alert, a frame or a browser window?

A) changeFocus()

B) switchTo()

C) setFocus()

D) changeTo()

72. Which of the following is a valid select statement in Webdriver that selects a value from a dropdown element?

A) selectByVisibleText()

B) selectByIndex()

C) selectByValue()

D) All of these

73. Which of the following testng annotations would complete the below statement?  
*“The annotation \_\_\_\_\_\_ identifies that a method is a test method.”*

A) @Ignore

B) @Test

C) @After

D) @Before

E) None

74. Which of the following WebDriver methods counts the number of elements?

A)driver.findElement(By.id("search")).getCount()

B) driver.getCountOfElements()

C) driver.findElements(By.id("search")).length()

D) driver.findElements(By.id("search")).size()

75. In Webdriver, which of the following commands returns the text of a html element?

A)selectText()

B) getText()

C) getElementText()

D) getText(element)

E) None of these

76. SelectAllOptions() is a valid command in webdriver

A)True

B) False

77. The expression used for anything is –

A) .\*

B) \*\*

C) \*+

D) \*.

78. Which of the following language is not supported by Selenium?

A) PHP

B) Java

C) C#

D) ASP

79. Which below command is not a type of assertion in Selenium IDE?

A) Verify

B) Assert

C) WaitFor

D) Wait

80. TestNG stands for –

A) TestNextGenerations

B) TestNextGeneration

C) TestNewGeneration

D) TestNewGenerlization

81. Selenium tests –

A) GUI applications

B) Browser-based applications

C) DOS applications

D) None of the above

### 82. Select the name which is NOT the type of the locaters.

A) ID

B) Name

C) Password

D) Link Text

### 83. Selenium IDE stands for –

A) Selenium Intialization Development Environment

B) Selenium Interrelated Development Environment

C) Selenium Integrated Development Environment

D) Selenium Information Development Environment

84. Select the operating system which is NOT supported by Selenium IDE.

A) Unix

B) Linux

C) Windows

D) Solaris

85. The Selenium IDE is used

A) To create customized test results.

B) To deploy your tests across multiple environments using Selenium Grid

C) To test with HTMLUnit

D) To test a web application against Firefox only.

86. Select the method which selects the option at the given index.

A) selectByIndex()

B) selectIndex()

C) selectedByIndex()

D) selectByIndexes()

87. The Selenium

A) Provides professional customer support

B) Test Reports are generated automatically

C) Comes with a built-in object repository

D) Cannot access elements outside of the web application under test

88. Select the language which is supported by The Selenium Web Driver

A) Perl

B) Sql

C) ASP

D) Cobol

89. Select the command that will NOT wait for a new page to load before moving onto the next command.

A) clickAndWait

B) selectAndType

C) typeAndWait

D) selectAndWait

90. Select the syntax to locate an element using inner text.

A) css=tag:contains(“inner text”)

B) css=tag:value(“inner text”)

C) css=tag:attributes(“inner text”)

D) css=tag:class(“inner text”)

91. Select the command which is used to compare the actual page title with an expected value.

A) verifyTitle

B) verifiedTitle

C) verifyTitles

D) verifiedTitles

92. Select the command which is NOT used in verifying page elements .

A) verifyElementPresent

B) verifyElementRight

C) verifyElementNotPresent

D) verifyElementPositionLeft

93. Select the tab which gives feedback and other useful information when executing tests.

A) Information

B) Feedback

C) Reference

D) Element

94. Select the Get command which fetches the inner text of the element that you specify in Web driver Selenium.

A) getinnerText()

B) get\_in\_Text()

C) get\_inner\_Text()

D) getText()

95. Which Navigate command takes you forward by one page on the browser’s history in Web driver Selenium.

A) navigate.forward()

B) navigate().forward()

C) navigate()\_forward()

D) navigate\_forword()

96. Select the method which clears all selected entries in Web driver Selenium.

A) dselectAll()

B) deselect\_All()

C) dselect\_All()

D) deselectAll()

97. Method which selects the option which displays the text matching the parameter passed to it

A) selectVisibleText()

B) selectByVisibleText()

C) select\_VisibleText()

D) select\_ByVisibleText()

98. Out of the following which is NOT a wait command.

A) waitForTitle

B) waitForTextPresent

C) waitForActive

D) waitForAlert

99. Where is XPath used in?

A) XML documents

B) MS-Word documents

C) MS-Excel documents

D) MS-PowerPoint documents

100. What does the assertTitle checks?

A) Element title

B) Page title

C) Block title

D) Title of element under focus

101. public class JU\_TS{

@RunWith(Suite.class)

@SuiteClasses({Crossword\_JU.class, Letterboxd.class})

}

Consider the above Junit Test Suite. Find the problem with the code.

1. Classes in the suite are not comma separated
2. Syntax error in the classes in the @SuiteClasses line
3. Annotations need to be defined above the class
4. Classes need to be defined without the .class keyword

102. Which of the following features CANNOT be used to locate an element’s attributes?

1. Select feature in Selenium IDE
2. findElement method
3. Inspect Element feature of the browser
4. FireBug

103.

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<!DOCTYPE suite SYSTEM "http://testng.org/testng-1.0.dtd">

<suite name="Suite" parallel=" " thread-count="2">

<test name=*"Test1"*>

<classes>

<class name=*"SamplePkg.RegEx"*/>

</classes>

</test> <!-- Test -->

<test name=*"Test2"*>

<classes>

<class name=*"SamplePkg.CodeSamples"*/>

</classes>

</test> <!-- Test -->

</suite> <!-- Suite -->

Consider the above code. What would be the value of the ‘parallel’ parameter in order to run the two classes defined in the xml

1. classes
2. Tests
3. methods
4. class

104. Which command is right to register a machine as hub from command prompt?

a) java -jar selenium -server-standalone-x.x.x.jar -role hub

b) java -jar selenium -server-standalone-x.x.x.jar -role hub -port 8081

c) None

d) 1 and 2

105. Which is the annotation used to define attributes for an element?

a) @DataProvider

b) @Factory

c) @FindBy

d) @ObjectFactory

106.

Public class DemoAUTTest {

WebDriver driver;

DemoAUTLogin objLogin;

@BeforeTest

Public void setup(){

WebDriver driver=new FirefoxDriver();

driver.manage(). Timeouts().implicitlyWait(10, TimeUnit.SECONDS);

driver.manage().timeouts().pageLoadTimeout(90, TimeUnit.SECONDS);

driver.get(“http://newtours.demoaut.com”);

@Test(priority=0)

Public void test\_Home\_page\_Appear\_correct(){

Assert.assertEquals(driver.getTitle(),”Find a Flight: Mercury tours:”);

}

}

What exception would the above code give during exception?

1. WebDriverException
2. NoSuchElementException
3. TimeOutException
4. NullPointerException

107. What java feature does Eclipse use to read data from an excel file?

a) FileinputStream

b) JXL

c) ReadExcel

d) ReadFile

108. JavascriptExecutor je=(JavascriptExecutor) ffdriver;

Je.executeScript(“window.scrollTo(0,document.body.offsetHeight)”);

What is the above code doing?

1. Scrolling to the top of the page
2. Scrolling to the bottom of the page
3. Scrolling to particular element
4. Scrolling to the center of the page

109. Which sendKeys() option is wrong?

a) driver.findElement(By.id(“searchinput”)).sendKeys(“123”);

b) driver.findElement(By.id(“searchinput”)).sendKeys(“Test”);

c) driver.findElement(By.id(“searchinput”)).sendKeys(123);

d) driver.findElement(By.id(“searchinput”)).sendKeys(Keys.ENTER);

110. Which attribute value of an element is likely to change if the UI of a web page changes?

a) id

b) LinkText

c) Name

d) Xpath

111. WebDriverWait is a class used to incorporate \_\_\_\_\_waits

a) Implicit

b) Explicit

c) Fluent

**ANSWERS**

1. D) Compilation Error
2. C) Runtime exception – IllegalStateException
3. C) driver.navigate.to(“sample\_url”);
4. C) An empty list (size = 0) is set to inputList
5. C) TimeOutException is thrown
6. C) new Actions(driver)  
    .dragAndDrop(driver.findElement(By.name(“name1”)),  
    driver.findElement(By.name(“name2”))).build().perform();
7. D) Set of String values
8. B) driver.switchTo().alert().dismiss();
9. A) Test 3 Test 1
10. D) Runtime exception - NumberFormatException
11. B) explicit wait / dynamic wait
12. A) 8080
13. Java -jar selenium-server-standalone.jar -role hub -port 4444

Server.start()

1. C) Xpath
2. C) driver.navigate().to(“”)
3. deprecated
4. C) Jobs
5. C) Alphabetical order
6. Data kept separated from test script
7. C) webdriver.chrome.driver
8. driver.switchTo().defaultContent()
9. BeforeSuite -> BeforeTest -> BeforeGroups -> BeforeClass -> BeforeMethod -> Test -> AfterMethod -> AfterClass -> AfterGroups -> AfterTest -> AfterSuite
10. A) initiate from anywhere element is found
11. A) web app
12. B) 5
13. nothing
14. C) WebDriver
15. action.sendKeys(Keys.ESCAPE).build().perform()

action.sendKeys(Keys.CONTROL).sendKeys(“C”).build().perform()

1. clean, install, compile
2. A)
3. B) element.isSelected();
4. driver.findElements().sendKeys(CharSequence ch)

Element.sendKeys(CharSequence)

Note :For actions class, sendKeys will take String argument

1. A) RC
2. A) Apache POI
3. TakesScreenshot (interface)
4. C) driver.findElement()
5. C) Use the test data saved outside the test script
6. A) DataProvider can only return Strings
7. C) 'quit' closes all the windows/tabs opened in that driver instance and 'close' only closes the focused window/tab
8. D) RCDriver
9. B) getTitle()
10. C) driver.navigate().to("http://www.ibm.com/");
11. B) dependency
12. C) neverRun
13. B) Jobs
14. A) Yes, PHP applications can be tested
15. A) This is a Selenium test.
16. A) It will scroll from 0 to offsetheight
17. A)
18. C)
19. A)
20. A)
21. A) If(isSelected() ==true)
22. A) Compile
23. A) dataProvider
24. A) JXL
25. A) start();
26. C) doubleClick(elementLocator)
27. A) verifyTextPresent
28. D)
29. B)
30. C)
31. A)
32. B)
33. A)
34. A)
35. C)
36. B)
37. C)
38. A)
39. B)
40. D)
41. B)
42. D)
43. B)
44. B)
45. A)
46. D)
47. D)
48. B)
49. B)
50. C)
51. C)
52. A)
53. D)
54. A)
55. D)
56. A)
57. B)
58. A)
59. A)
60. B)
61. C)
62. D)
63. B)
64. D)
65. B)
66. C)
67. A)
68. B)
69. C)
70. A)
71. B)
72. D)
73. C)
74. D)
75. B)
76. B)
77. C)
78. B)
79. B)