**MCQ on Java and Selenium**

**1.Which statement is true about Java?**a) Java is a sequence-dependent programming language  
b) Java is a code dependent programming language  
c) Java is a platform-dependent programming language  
d) Java is a platform-independent programming language

**Answer d**

**2. Which component is used to compile, debug and execute the java programs?**  
a) JRE  
b) JIT  
c) JDK  
d) JVM

**Answer c**

**3.Which of these cannot be used for a variable name in Java?**a) identifier & keyword  
b) identifier  
c) keyword  
d) none of the mentioned

**Answer: c**

**4. What is the extension of java code files?**  
a) .js  
b) .txt  
c) .class  
d) .java

**Answer: d**

**5. What will be the output of the following Java program?**

1. **class** output {
2. **public** **static** **void** main(String args[])
3. {
4. **double** a, b,c;
5. a = 3.0/0;
6. b = 0/4.0;
7. c=0/0.0;
9. System.out.println(a);
10. System.out.println(b);
11. System.out.println(c);
12. }
13. }

a) NaN  
b) Infinity  
c) 0.0  
d) all of the mentioned

**Answer d**

**6. What is not the use of “this” keyword in Java?**

a) Referring to the instance variable when a local variable has the same name  
b) Passing itself to the method of the same class  
c) Passing itself to another method  
d) Calling another constructor in constructor chaining

**Answer: b**

**7. What will be the output of the following Java program?**

1. **class** variable\_scope
2. {
3. **public** **static** **void** main(String args[])
4. {
5. **int** x;
6. x = 5;
7. {
8. **int** y = 6;
9. System.out.print(x + " " + y);
10. }
11. System.out.println(x + " " + y);
12. }
13. }
14. Compilation error  
    b) Runtime error  
    c) 5 6 5 6  
    d) 5 6 5

**Answer: a**

**8. What will be the output of the following Java code snippet?**

1. **class** abc
2. {
3. **public** **static** **void** main(String args[])
4. {
5. **if**(args.length>0)
6. System.out.println(args.length);
7. }
8. }
9. The snippet compiles and runs but does not print anything  
   b) The snippet compiles, runs and prints 0  
   c) The snippet compiles, runs and prints 1  
   d) The snippet does not compile

**Answer: a**

1. **What will be the output of the following Java program?**
2. **class** output
3. {
4. **public** **static** **void** main(String args[])
5. {
6. StringBuffer s1 = **new** StringBuffer("Quiz");
7. StringBuffer s2 = s1.reverse();
8. System.out.println(s2);
9. }
10. }

a) QuizziuQ  
b) ziuQQuiz  
c) Quiz  
d) ziuQ

**Answer: d**

1. **Which of the following is a superclass of every class in Java?**  
   a) ArrayList  
   b) Abstract class  
   c) Object class  
   d) String

**Answer: c**

1. **What will be the output of the following Java code snippet?**
2. **import** java.util.\*;
3. **class** Arraylists
4. {
5. **public** **static** **void** main(String args[])
6. {
7. ArrayLists obj = **new** ArrayLists();
8. obj.add("A");
9. obj.add("B");
10. obj.add("C");
11. obj.add(1, "D");
12. System.out.println(obj);
13. }
14. }
15. [A, D, C]  
    b) [A, B, C]  
    c) [A, B, C, D]  
    d) [A, D, B, C]

**Answer: d**

1. **What is the output of below code ?**
2. **import** java.util.\*;
3. **class** Collection\_iterators
4. {
5. **public** **static** **void** main(String args[])
6. {
7. LinkedList list = **new** LinkedList();
8. list.add(**new** Integer(2));
9. list.add(**new** Integer(8));
10. list.add(**new** Integer(5));
11. list.add(**new** Integer(1));
12. Iterator i = list.iterator();
13. Collections.reverse(list);
14. Collections.sort(list);
15. **while**(i.hasNext())
16. System.out.print(i.next() + " ");
17. }
18. }

a) 1 2 5 8  
b) 2 1 8 5  
c) 1 5 8 2  
d) 2 8 5 1

**Answer: a**

**MCQ on Selenium**

**13. Which of the following is used to interact with the web page elements in Selenium?**

a) WebDriver  
b) TestNG  
c) Cucumber  
d) None of the above

**Answer: a)** WebDriver

**14. Which of the following is used to execute JavaScript commands in Selenium?**

a) WebDriver  
b) TestNG  
c) JavaScriptExecutor  
d) None of the above

**Answer: c)** JavaScriptExecutor

**15. Which of the following is used to wait for a specified amount of time in Selenium?**

a) wait()  
b) sleep()  
c) pause()  
d) None of the above

**Answer: a)** wait()

**16. Which of the following is used to switch between windows in Selenium?**

a) driver.switchTo().window()  
b) driver.switchTo().frame()  
c) driver.switchTo().alert()  
d) None of the above

**Answer: a)** driver.switchTo().window()

**17. Which of the following is used to switch to a frame in Selenium?**

a) driver.switchTo().window()  
b) driver.switchTo().frame()  
c) driver.switchTo().alert()  
d) None of the above

**18. Which of the following is used to handle alerts in Selenium?**

a) driver.switchTo().window()  
b) driver.switchTo().frame()  
c) driver.switchTo().alert()  
d) None of the above

**Answer: c)** driver.switchTo().alert()

**19. Which of the following is used to simulate keyboard input in Selenium?**

a) Actions class  
b) Robot class  
c) Keyboard class  
d) None of the above

**Answer: a)** Actions class

**20. Which of the following is used to take screenshots in Selenium?**

a) getScreenshotAs() method  
b) takeScreenshot() method  
c) captureScreenshot() method  
d) None of the above

**Answer: a)** getScreenshotAs() method

**21. Following' axis will find \_\_\_\_\_**

Only the child and grandchild of the current tag

All the tags in the DOM after the current node

All the child tags of the current node

**Answer :C**

**22. contextClick() method of the Actions class performs \_\_\_\_\_\_\_\_\_\_ operation?**

a>Select the correct answer:

b>Double click

c>Right click

d> Click and hold

**Answer: c**

**23. driver.getTitle() will \_\_\_\_\_**

Select the correct answer:

a> Return the heading of the web article

b> Return the title of the webpage displayed on the browser tab

c> Return the text specified in the inner HTML

**Answer :b**

**24. What would be the outcome if you try to run the below code?**

WebDriver driver=new WebDriver();

Select the correct answer:

a>WebDriver gets instantiated successfully

b>Compilation error- Cannot instantiate the type WebDriver

c>Run time error will occur

**Answer :a**

**25. Which of the following is NOT a component of selenium?**

Select the correct answer:

a>Grid

b>WebElement

c>RC

d>IDE

e>WebDriver

**Answer :b**

**26. Which of the below method can ensure that the WebElement is enabled or not ?**

Select the correct answer:

a>isActive()

b>isPresent()

c> isEnabled()

**Answer: c**

**27. The format to write a custom xpath**

Select the correct answer:

a>tag-name[@attribute='attribute value']

b>//tag-name[@attribute='attribute value']

c>tag-name(@attribute='attribute value')

**Answer: b**

**28. What does the asterisk represent in the below statement ?**

//\*[@class='abcd']

Select the correct answer:

a>Find first tag whose class = abcd

b>Find any tag whose class = abcd

c>Find an asterisk whose class =abcd

**Answer: b**

**29. What is TRUE about TestNG?**

a>With TestNG, you are in complete control of what is happening in the test cases and how they are executed.

b>Prior to running test case X, run multiple test cases as a pre-request.

c>By utilizing easy annotations, grouping, sequencing, and parametrizing, the TestNG framework eliminates the limitations of the older framework.

d>All of the above

**Answer: D) All of the above**

**30. \_\_\_\_ are all supported by TestNG.**

1. A suite before/after
2. A test before/after
3. A group of tests before/after
4. All of the above

**Answer:** D) All of the above

**31. Which of the following ways can be used to add TestNG in your Eclipse?**

1. TestNG can be installed either by adding the TestNG jar file to the Build Path or by installing the TestNG plug-in.
2. The TestNG plug-in is preferable to the testng.jar file since you don't have to install it for every project. Testng.jar files, on the other hand, must be added to every project's build path.
3. Both A and B
4. None of the above

**Answer:** C) Both A and B

**32. It is possible to execute specific code \_\_\_\_ testing by using before and after annotations.**

1. Before
2. After
3. Both A and B
4. None of the above

**Answer:** C) Both A and B

**33. In order to set variables or configuration \_\_\_\_ executing a test method, and to clean up all variables afterward, before and after annotations are used.**

1. Before
2. After
3. While
4. None

**Answer:** A) Before

**34. A testng.xml file defines \_\_\_\_, and test groups that are used to create test suites.**

1. Classes
2. Methods
3. Packages
4. All of the above

**Answer:** D) All of the above

**35. \_\_\_\_\_\_\_\_\_\_\_\_ files can be used to pass parameters to test methods.**

1. DataProviders
2. Testng.xml
3. Both A and B
4. None of the above

**Answer:** C) Both A and B

**36. Test methods are executed in multiple threads based on the configuration in the \_\_\_\_ file.**

1. HTML
2. CSS
3. XML
4. C

**Answer:** C) XML

**37. By using the @\_\_\_\_ annotation, you can create multiple test cases.**

1. Test
2. Before
3. After
4. BeforeClass

**Answer:** A) Test

**38. In how many ways can test cases be disabled in TestNG?**

1. 2
2. 3
3. 4
4. 5

**Answer:** A) 2

**39. A TestNG \_\_\_\_ is a piece of code that comes into play during test execution and controls the flow of the test.**

1. Groups
2. Annotation
3. Code
4. Tags

**Answer:** B) Annotation

**40. The "\_\_\_\_" attribute can be used when the second test method wants to be dependent on the first.**

1. Priority
2. TimeOut
3. dependOnMethods
4. Groups

**Answer:** C) dependOnMethods

**41. Priority settings determine how the test cases are executed, with the lowest priority running \_\_\_\_ and the highest priority running \_\_\_\_.**

1. First, Last
2. Last, First
3. Middle, Last
4. Middle, First

**Answer:** A) First, Last

**42. A listener is implemented by an interface called \_\_\_\_.**

1. TestListener
2. ITestListener
3. IListener
4. Listener

**Answer:** B) ITestListener

**43.** **What is/are TRUE about Cucumber Testing?**

1. Gherkin or plain English text may be written inside a feature file and read by the Cucumber tool.
2. Every step in the step definition file is searched for an exact match.
3. It is important that the code for the software developed matches the scripts for the tests defined by BDD.
4. All of the above

**Answer:** D) All of the above

**44**. **Test features, scenario descriptions, and feature descriptions are usually stored in a feature file.**

1. Test features
2. Scenario descriptions
3. Feature descriptions
4. All of the above

**Answer:** D) All of the above

**45. Operators can be used to test multiple tags:**

1. OR operator
2. AND operator
3. Both A and B
4. None of the above

**Answer:** C) Both A and B

**46. Cucumber uses the annotations \_\_\_ and \_\_\_ to define the hook for each scenario in the step definition file.**

1. @Before
2. @After
3. Both A and B
4. None of the above

**Answer:** C) Both A and B

**47**. What is the requirement for using Jenkins?

* [A.](javascript:%20void(0)) A source code repository which is accessible, for instance, a Git repository
* [B.](javascript:%20void(0)) A working build script, e.g., a Maven script, checked into the repository
* [C.](javascript:%20void(0)) Both of these
* [D.](javascript:%20void(0)) None

Answer : C

48. Which Scm Tools Does Jenkins Support?

* [A.](javascript:%20void(0)) AccuRev
* [B.](javascript:%20void(0)) CVS
* [C.](javascript:%20void(0)) Subversion
* [D.](javascript:%20void(0)) All of these

Answer : D

49. Which are the basic ways to build job can be triggered ?

a) Start a build job once another build job has completed

b) Kick off builds at periodical intervals

c) Poll the SCM for changes

d) All of the above

Answer d

50. what is Continuous Deployment ?

a) The practice of automatically deploying every successful build directly into production

b) The practice of automatically deploying every successful build after testing success, directly into production with fully automated process

c) Continuous Deployment and Continuous Delivery are same

d) None of the above

Answer b