**TUMMALA VENKATESH**

**venkateshtummala2002@gmail.com**

**Q1. Which of the following is true about TestNG?**

a) It is a unit testing framework inspired by JUnit  
b) It supports annotations  
c) It supports parallel execution of tests  
d) All of the above

**Q2. Which annotation is used to execute a method before each test method?**

a) @BeforeSuite  
b) @BeforeTest  
c) @BeforeMethod  
d) @BeforeClass

**Q3. Which annotation executes only once before all tests in a suite?**

a) @BeforeSuite  
b) @BeforeTest  
c) @BeforeMethod  
d) @BeforeClass

**Q4. Which annotation executes only once after all tests in a suite?**

a) @AfterTest  
b) @AfterSuite  
c) @AfterClass  
d) @AfterMethod

**Q5. Which annotation is used to execute a method after each test method?**

a) @AfterSuite  
b) @AfterTest  
c) @AfterMethod  
d) @AfterClass

**Q6. Which of the following annotations is used to provide test data in TestNG?**

a) @Parameters  
b) @DataProvider  
c) @Test(data)  
d) @Factory

**Q7. Which XML tag is used to define a test suite in TestNG?**

a) <suite>

b) <test>

c) <classes>

d) <methods>

**Q8. Which tag is used to group multiple test classes in testng.xml?**

a) <methods>

b) <class>

c) <classes>

d) <suite>

**Q9. Which attribute of @Test is used to set execution priority?**

a) order  
b) priority  
c) index  
d) sequence

**Q10. What happens if two @Test methods have the same priority number?**

a) TestNG throws an error  
b) TestNG executes them in alphabetical order by method name  
c) TestNG skips one of them  
d) TestNG executes only the first one found

**Q11. Which of the following allows running tests in parallel?**

a) attribute in testng.xml  
b) @Parallel annotation  
c) @ThreadPool annotation  
d) attribute

**Q12. Which of these is true about @DataProvider?**

a) It returns a 2D Object array  
b) It is used for parameterization  
c) It is linked with @Test  
d) All of the above

**Q13. Which annotation helps in creating test instances dynamically?**

a) @Factory  
b) @Test  
c) @DataProvider  
d) @Parameters

**Q14. Which annotation is used to ignore a test method?**

a) @Ignore  
b) @Skip  
c) @Test(enabled=false)  
d) @Disable

**Q15. What is the default priority of a test method in TestNG?**

a) 0  
b) 1  
c) -1  
d) No priority (alphabetical execution)

**Q16. Which TestNG feature allows running a set of dependent methods?**

a) groups  
b) dependsOnMethods  
c) invocationCount  
d) dependsOnGroups

**Q17. Which attribute of @Test allows running a method multiple times?**

a) repeat  
b) invocationCount  
c) loopCount  
d) runCount

**Q18. Which TestNG file format is used to configure test execution?**

a) testng.config  
b) testng.properties  
c) testng.xml  
d) testng.json

**Q19. Which interface does ITestListener belong to?**

a) org.testng  
b) org.testng.listeners  
c) org.testng.reporters  
d) org.testng.annotations

**Q20. Which listener is used for customizing reports?**

a) ITestListener  
b) ISuiteListener  
c) IReporter  
d) IAnnotationTransformer

**Q21. What does SoftAssert in TestNG do?**

a) Stops test execution immediately on failure  
b) Collects all failures and reports at the end  
c) Ignores assertion failures  
d) Runs tests in parallel

**Q22. What does Hard Assert do in TestNG?**

a) Collects all failures  
b) Skips failed tests  
c) Stops execution immediately if an assertion fails  
d) Ignores assertion

**Q23. Which tag is mandatory in testng.xml?**

a) <suite>

b) <test>

c) <class>

d) None (all optional)

**Q24. Which of these allows grouping test methods?**

a) @Group  
b) groups attribute of @Test  
c) @Categories  
d) @Tag

**Q25. Which annotation is executed once before all tests in a class?**

a) @BeforeSuite  
b) @BeforeClass  
c) @BeforeMethod  
d) @BeforeTest

**Q26. Which annotation is executed once after all tests in a class?**

a) @AfterSuite  
b) @AfterTest  
c) @AfterMethod  
d) @AfterClass

**Q27. Which listener method is invoked when a test starts?**

a) onTestStart()  
b) onStart()  
c) beforeTest()  
d) testBegin()

**Q28. Which listener method is invoked when a test passes?**

a) onTestPass()  
b) onTestSuccess()  
c) testPassed()  
d) onPass()

**Q29. Which listener method is invoked when a test fails?**

a) onTestFail()  
b) onTestFailure()  
c) testFailed()  
d) afterFail()

**Q30. Which listener method is invoked when a test is skipped?**

a) onTestSkipped()  
b) onSkip()  
c) skipTest()  
d) afterSkip()

**Q31. What is the use of dependsOnGroups attribute?**

a) Executes only specific groups  
b) Executes methods after specific groups finish  
c) Skips tests from specific groups  
d) Runs groups in parallel

**Q32. What is the default value of alwaysRun attribute?**

a) true  
b) false  
c) dependsOnMethods  
d) null

**Q33. Which TestNG annotation can accept parameters from testng.xml?**

a) @Parameters  
b) @DataProvider  
c) @Factory  
d) @Value

**Q34. Which attribute of @Test allows timeout control?**

a) timeout  
b) maxTime  
c) duration  
d) wait

**Q35. Which type of report does TestNG generate by default?**

a) Excel Report  
b) HTML and XML Reports  
c) PDF Report  
d) JSON Report

**Q36. Which dependency management tool is commonly used with TestNG?**

a) Maven  
b) Gradle  
c) Ant  
d) All of the above

**Q37. Which method in SoftAssert is used to throw collected assertions?**

a) assertAll()  
b) checkAll()  
c) verifyAll()  
d) validateAll()

**Q38. Which is the correct order of annotations in TestNG?**

a) @BeforeSuite → @BeforeTest → @BeforeClass → @BeforeMethod → @Test → @AfterMethod → @AfterClass → @AfterTest → @AfterSuite  
b) @BeforeSuite → @BeforeClass → @BeforeTest → @BeforeMethod → @Test → @AfterMethod → @AfterTest → @AfterClass → @AfterSuite  
c) @BeforeSuite → @BeforeTest → @BeforeMethod → @BeforeClass → @Test → @AfterClass → @AfterMethod → @AfterTest → @AfterSuite  
d) None

**Q39. Which annotation helps in setting execution timeout for the entire test suite?**

a) @Test(timeout)  
b) in testng.xml  
c) @Timeout

d) <test timeout="">

**Q40. Which of these is NOT a feature of TestNG?**

a) Supports annotations  
b) Parallel execution  
c) Built-in HTML reports  
d) Built-in browser automation