MAVEN

1. **Which of the following is true about 'build' Maven life cycle?**
2. [It cleans up artifacts created by prior builds.](javascript:void(0);)
3. This is used to build the application.
4. This generates site documentation for the project.
5. [None of the above.](javascript:void(0);)
6. **Which of the following phase in maven life cycle compiles the source code of the project?**
7. Validate
8. Compile
9. Test
10. Package
11. **All POM files require the project element and three mandatory fields: groupId, artifactId,version.**
12. True
13. False
14. **Maven Plugins are generally used to:**
15. Create project documentation
16. Create project reports
17. Both A and B
18. None of the above
19. Maven Plugins are used to
20. Create a jar file
21. Create a war file
22. Unit testing code
23. All the above
24. Explain POM
25. Project Object Model
26. Projection Object Model
27. Project Object Modification
28. Projection Object Modification
29. Choose the correct dependency for test
30. <dependency>

<groupId>junit</groupId>

<artifactId>junit</artifactId>

<version>4.12</version>

</dependency>

B. <dependencies>

<groupId>junit</groupId>

<artifactId>junit</artifactId>

<version>4.12</version>

<scope>test</scope>

</dependencies>

1. <dependencies>

<groupId>junit</groupId>

<artifactId>junit</artifactId>

<version>4.12</version>

</dependencies>

1. <dependency>

<groupId>junit</groupId>

<artifactId>jmockit</artifactId>

<version>4.12</version>

<scope>test</scope>

</dependency>

1. From where Maven searches for dependency JAR first?
2. Local repository
3. Remote repository
4. Central repository
5. All the above
6. Which is the test source directories for POM in Maven?
7. src/main/java
8. src/test/java
9. src/test
10. src/main
11. Archetype is a Maven plugin whose task is to create a project structure as per its template.
12. True
13. False

JMockit

1. The return value can be recorded through an assignment to
2. Return
3. Result
4. Expect
5. All the above
6. Which is the central mocking annotation?
7. @Injectable
8. @Mocked
9. @Capturing
10. All the above
11. A set of invocation to a specific mocked method/constructor that is relevant for a given test represents
12. Expectations
13. Verification
14. Both A and B
15. None of the above
16. Mocking is typically used in construction of isolated
17. System test
18. Integration test
19. Unit Test
20. Acceptance test
21. Which POM.XML file is used for JMockit testing

A.<dependencies>

<dependency>

<groupId>org.jmockit</groupId>

<artifactId>jmockit</artifactId>

</dependency>

</dependencies>

B.<dependencies>

<dependency>

<groupId>org.jmockit</groupId>

<artifactId>jmockit</artifactId>

<version>1.x</version>

</dependency>

</dependencies>

C.<dependencies>

<groupId>org.jmockit</groupId>

<artifactId>jmockit</artifactId>

<version>1.x</version>

<scope>test</scope>

</dependencies>

D.<dependencies>

<dependency>

<groupId>org.jmockit</groupId>

<artifactId>jmockit</artifactId>

<version>1.x</version>

<scope>test</scope>

</dependency>

</dependencies>

CHECK STYLE

1. The static rule-set based Java source code analyzer that identifies potential problems in your source code is
2. CPD
3. PMD
4. FindBugs
5. All the above
6. Which element in the configuration XML document specifies a module which is identified by the element’s **name** attribute
7. Name
8. Module
9. Check
10. Checker
11. Which Maven plugin is used for checkstyle
12. <plugin>

<groupId>org.apache.maven.plugins</groupId>

<artifactId>maven-checkstyle-plugin</artifactId>

<version>2.17</version>

<plugin>

1. <plugins>

<groupId>org.apache.maven.plugins</groupId>

<artifactId>maven-checkstyle-plugin</artifactId>

<version>2.17</version>

<plugins>

1. <pluginManagement>

<groupId>org.apache.maven.plugins</groupId>

<artifactId>maven-checkstyle-plugin</artifactId>

<version>2.17</version>

<pluginManagement>

1. <plugins>

<plugin>

<groupId>org.apache.maven.plugins</groupId>

<artifactId>maven-checkstyle-plugin</artifactId>

<version>2.17</version>

<plugin>

</plugins>

1. Which checks individual java source files and defines properties that are applicable to checking files
2. TreeWalk
3. TreeWalker
4. Modules
5. Checker
6. To configure **checker** to handle files with the java,xml,properties extension
7. <modules name="Checker">  
         <property name="fileExtensions" value="java, xml, properties"/>  
         ...  
     </modules>
8. <module name="Checker">  
         <properties name="fileExtensions" value="java, xml, properties"/>  
         ...  
     </module>
9. <module name="Checker">  
         <property name="fileExtensions" value="java, xml, properties"/>  
         ...  
     </module>
10. <module name="Checker">  
          <property value="fileExtensions, java, xml, properties"/>  
          ...

  </module>

AGILE

1. **Who prioritizes product backlog?**
2. Product Owner
3. Scrum team
4. Scrum master
5. All the above
6. **In agile development, lengthy documentation is created.**

A.True

B.False

3. **Arrange the following scrum practices according to the order in which they are carried out.**

**1. Sprint planning**

**2. Daily scrum meet**

**3. Sprint retrospective meet**

**4. Sprint review meet**

**5. Sprint**

**a.** 1, 5, 2, 3, 4

**b.** 1, 5, 2, 4, 3

**c.** 1, 2, 5, 4, 3

**d.** 1, 3, 2, 4, 5

4.Find what does “Timeboxed”means in Agile terms?

A. Fast

B.Flexible

C.Frequent

D.Fixed

5. How do you implement action items captured in retrospective meeting?

A. As overhead items in the upcoming release

B.As overhead items in the current release

C.Update the product backlog and prioritize in the next Iteration planning meeting to implement in coming iteration

D. utilize the project slack.

6.The intersection of a trend line for work remaining and the horizontal axis indicating the most probable completion of work at the point in time would be found in which type of graphical chart?

A. Burn-up chart

B. Velocity graph

C. Burndown chart

D. Execution chart

7. Which one of the following is not a Scrum role?

A.Product Owner

B.Scrum Master

C. Product Manager

D. Team

8.Which one of the following is not a Scrum artifact?

A. Product Backlog

B. Story

C. Sprint Backlog

D.Burndown chart

9.Which of the following is not part of the Scrum?

A. Product review meeting

B. Sprint retrospective meeting

C. Sprint planning meeting

D. Sprint review meeting

10. “Velocity” is a measure of

A. Customer buy-in

B.Project progress

C. Executive support

D. Risk mitigation

11. Which statement best describes Scrum?

A. A complete methodology that defines how to develop software

B. A cookbook that defines best practices for software development

C. A defined and predictive process that fits in with traditional management approaches

D. A framework with built-in reality checks for complex work in uncertain domains

12. What is the recommended size of a scrum team?

A. It doesn't matter, as long as the team is cross functional

B. 9 plus or minus 3

C. 10 plus or minus 3, or more if the team is geographically dispersed

D. 7 plus or minus 2

13. An Agile team

A. Is self-organizing, so needs no specific skills

B. Collaborates and supports team members

C. Ensures that weak members of the team are thrown out of the team

D. Ensures blame is allocated fairly

14. The Agile Process

A. Encourages the team to meet regularly

B. Has no meetings

C. Has lengthy reporting requirements

D. Has no reporting requirements

15.What is Kan Ban?

A. A list of activities that can be banned by the team

B. the set of Won’t Haves for a project

C. A visible chart of work for the team

D. A ban on fizzy drinks within the team