

# TEST

# YOUR KNOWLEDGE

# ON

# MAVEN

# (JAVA)



*Code With Ease - By Varsha*

1.

## **What is Maven?**

- a. A build tool
- b. A testing tool
- c. A version control tool
- d. A database tool

2.

**Which file is used to configure Maven?**

a. build.gradle

b. pom.xml

c. build.xml

d. settings.gradle

3.

**What does the command "mvn clean install" do?**

- a. Installs Maven on the system
- b. Cleans the project and installs its artifacts into the local repository
- c. Installs the project and its dependencies into the local repository
- d. Compiles the project and runs all tests

4.

**Which of the following is not a phase in Maven build lifecycle?**

a. test

b. compile

c. deploy

d. run

5.

**Which command is used to create a new Maven project?**

a. mvn create

b. mvn new

c. mvn init

d. mvn start

6.

## **What is a Maven repository?**

- a. A place to store Maven plugins and dependencies
- b. A database of all Maven projects
- c. A tool to manage project versions
- d. A tool to manage project dependencies

7.

**What is the default location of the local Maven repository?**

- a. `~/.maven/repository`
- b. `~/.m2/repository`
- c. `~/.mvn/repository`
- d. `~/.maven2/repository`



8.

**Which command is used to generate a Maven site?**

- a. mvn site
- b. mvn generate-site
- c. mvn create-site
- d. mvn build-site

9.

**Which of the following is not a valid scope for a Maven dependency?**

- a. compile
- b. runtime
- c. testing
- d. integration

10.

**Which command is used to generate a Maven project's dependency tree?**

a. mvn dependency:tree

b. mvn generate:tree

c. mvn build:tree

d. mvn tree:dependency

11.

**What is the purpose of the "dependencyManagement" section in a Maven POM file?**

- a. To specify the dependencies required by the project
- b. To manage the version of dependencies used across multiple projects
- c. To exclude specific dependencies from the project
- d. To override the default Maven build lifecycle phases

# 12.

**Which command is used to run a Maven project's tests?**

- a. mvn run
- b. mvn compile
- c. mvn test
- d. mvn package

13.

## **What is a Maven archetype?**

- a. A template for generating a new Maven project
- b. A specific version of a Maven plugin
- c. A tool for managing project dependencies
- d. A collection of Maven repositories

14.

**Which command is used to create a new Maven archetype?**

- a. mvn create-archetype
- b. mvn generate-archetype
- c. mvn archetype:create
- d. mvn archetype:generate

15.

## **What is a Maven plugin?**

- a. A tool for managing project dependencies
- b. A software component that adds specific functionality to the Maven build process
- c. A tool for generating Maven archetypes
- d. A tool for publishing Maven artifacts to a repository



16.

**Which of the following is not a valid Maven plugin execution goal?**

a. clean

b. install

c. deploy

d. run

17.

**Which command is used to generate a Maven project's Java documentation?**

a. `mvn javadoc:generate`

b. `mvn doc:genera`

c. `mvn generate-javadoc`

d. `mvn java:doc`

18.

**Which of the following is not a valid Maven packaging type?**

a. jar

b. war

c. ear

d. zip

19.

**Which command is used to package a Maven project into a jar file?**

- a. mvn compile
- b. mvn test
- c. mvn package
- d. mvn install

20.

**What is the purpose of the "Maven Central Repository"?**

- a. To store all Maven projects
- b. To manage project dependencies
- c. To distribute Maven plugins
- d. To provide a central location for hosting and sharing Maven artifacts

# COMMENT Down Your Answers



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