# PT-5 Java

1. 1. Which Java framework is suitable for microservices?

* ○ Spring Boot
* ○ JavaFX
* ○ Hibernate
* ○ JUnit

1. 2. Which build automation tool uses Groovy for configuration?

* ○ Ant
* ○ Maven
* ○ Gradle
* ○ Jenkins

1. 3. Which module is used for building graphical UIs in Java?

* ○ Spring
* ○ JavaFX
* ○ Hibernate
* ○ JUnit

1. 4. What is the main advantage of Spring Boot?

* ○ Faster Startup
* ○ Rich UI
* ○ Database Connectivity
* ○ Testing

1. 5. Which testing framework is commonly used with Java?

* ○ NUnit
* ○ JUnit
* ○ TestNG
* ○ Mocha

1. 6. Which tool is used for managing project dependencies?

* ○ Gradle
* ○ Spring
* ○ JavaFX
* ○ Hibernate

1. 7. What is the purpose of a microservices architecture?

* ○ UI Design
* ○ Database
* ○ Scalability
* ○ Modularity

1. 8. Which annotation is used to mark a method as a REST endpoint?

* ○ @RestController
* ○ @Service
* ○ @Component
* ○ @Entity

1. 9. Which tool is used to automate the build process?

* ○ Jenkins
* ○ Maven
* ○ Spring
* ○ JIRA

1. 10. What is the role of @Autowired in Spring Framework?

* ○ Database Connection
* ○ Dependency Injection
* ○ Unit Testing
* ○ Logging

1. 11. Which tool provides a way to manage project tasks?

* ○ JIRA
* ○ Jenkins
* ○ Gradle
* ○ Maven

1. 12. Which framework is commonly used for inversion of control?

* ○ Hibernate
* ○ Spring
* ○ JavaFX
* ○ JUnit

1. 13. Which annotation is used to define a Spring bean?

* ○ @Entity
* ○ @Component
* ○ @Bean
* ○ @Service

1. 14. What is the purpose of a RESTful service?

* ○ UI Design
* ○ Database Interaction
* ○ Microservices
* ○ Testing

1. 15. Which tool is used for building, testing, and deploying Java projects?

* ○ Ant
* ○ Gradle
* ○ Maven
* ○ Jenkins