


## Advanced Java Quiz 2

Points: 20/20

1. Name of the Student \* 

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✓ Correct 1/1 Points

5. Which of the following is NOT an ORM framework?

\* ☐ A. Hibernate☐ B. MyBatis☒ C. JDBC☐ D. JPA

✓ Correct 1/1 Points

6. In Hibernate, which file is commonly used for configuration? \* ☐ A. application.xml☒ B. hibernate.cfg.xml☐ C. orm.xml☐ D. [config.properties](#)

✓ Correct 1/1 Points

7. JPA stands for:



- ☐ A. Java Persistence Architecture
- ☒ B. Java Persistence API
- ☐ C. Java Portable API
- ☐ D. Java Programming Application

✓ **Correct** 1/1 Points

8. What does IoC stand for in the Spring Framework?



- ☒ A. Inversion of Control
- ☐ B. Integration of Components
- ☐ C. Instance of Class
- ☐ D. Injection of Configuration

✓ **Correct** 1/1 Points

9. What is the purpose of the @Autowired annotation in Spring? \*

- ☐ A. To configure beans manually
- ☐ B. To start the application context
- ☒ C. To inject dependencies automatically
- ☐ D. To scan for components

✓ **Correct** 1/1 Points

10. In Spring AOP, which annotation is used to define an aspect?



- ☐ A. @AspectJ
- ☒ B. @Aspect
- ☐ C. @AOP
- ☐ D. @Pointcut
- ☐ Option 2

✓ **Correct** 1/1 Points

11. What is a major advantage of using Spring Boot over traditional Spring? \*

- ☐ A. Larger codebase
- ☐ B. Manual XML configuration
- ☒ C. Auto-configuration

☐ D. More boilerplate code

✓ Correct 1/1 Points

12. Which starter dependency is commonly used for building RESTful APIs in Spring Boot?

\* 

- ☒ A. spring-boot-starter-web
- ☐ B. spring-boot-starter-data
- ☐ C. spring-boot-starter-aop
- ☐ D. spring-boot-starter-security

✓ Correct 1/1 Points

13. What is the purpose of Spring Data JPA?

\* 

- ☐ A. Rendering HTML templates
- ☐ B. Defining REST endpoints
- ☒ C. Interacting with databases using repository interfaces
- ☐ D. Securing web applications
- ☐ Option 2


✓ Correct 1/1 Points

14. How does Spring Boot manage different environments?

\* 

- ☐ A. Through JNDI
- ☒ B. Using Spring Profiles
- ☐ C. Hardcoded values
- ☐ D. YAML only

✓ Correct 1/1 Points

15. What does Spring Boot Actuator provide? \* 

- ☐ A. Authentication
- ☐ B. Scheduling
- ☒ C. Monitoring and metrics
- ☐ D. Web templating

✓ Correct 1/1 Points

16. Which annotation is used to define a Spring Boot application class?



- ☐ A. @EnableAutoConfiguration
- ☒ B. @SpringBootApplication
- ☐ C. @ComponentScan
- ☐ D. @RestController

✓ Correct 1/1 Points

17. In the context of microservices, which Spring project is commonly used?



- ☐ A. Spring JDBC
- ☐ B. Spring Core
- ☒ C. Spring Cloud
- ☐ D. Spring MVC

✓ Correct 1/1 Points

18. What file does Spring Boot typically use for application configuration?



- ☐ A. web.xml
- ☒ B. application.properties or application.yml
- ☐ C. boot-config.xml
- ☐ D. config.ini

✓ Correct 1/1 Points

19. Spring Boot's embedded server by default is:



- ☒ A. Tomcat
- ☐ B. Jetty
- ☐ C. Undertow
- ☐ D. GlassFish

✓ Correct 1/1 Points

20. What is the main purpose of the @RestController annotation in Spring Boot?



- ☐ A. Configure XML views
- ☐ B. Create SOAP web services

☒ C. Define RESTful web service endpoints

☐ D. Register beans manually

✓ **Correct** 1/1 Points

21. In Spring Security, which annotation is used to enable method-level security? \*

☐ A. @EnableWebSecurity

☐ B. @Secured

☒ C. @EnableGlobalMethodSecurity

☐ D. @SecurityEnabled

✓ **Correct** 1/1 Points

22. Which Spring Boot module is used for monitoring the health of an application?

\* 

☐ A. Spring Boot Health

☐ B. Spring Boot Admin

☒ C. Spring Boot Actuator

☐ D. Spring Boot Watcher

✓ **Correct** 1/1 Points

23. Which dependency provides features for working with cloud-native architectures in Spring?

\* 

☒ A. spring-cloud-starter

☐ B. spring-boot-web

☐ C. spring-data-rest

☐ D. spring-cloud-actuator

✓ **Correct** 1/1 Points

24. Which annotation is used to define a primary key in JPA?

\* 

☐ A. @TableId

☒ B. @Id

☐ C. @Primary

☐ D. @Key

☐ Option 2

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