Spring and Spring Boot Assessment max marks:30

1. Which of these is not a benefit of Spring Framework
   1. Helps in Creating loosely Coupled components
   2. Helps in Creating only MVC applications
   3. Separates the Configuration from the business layer
   4. Provides a single roof to create different kinds of Java applications
2. Which of these design patterns is followed by Spring by default while creating bean objects.
   1. Factory
   2. Prototype
   3. Singleton
   4. Adapter
3. <bean id="operationDemo"

class="com.classes.OperationDemo" autowire="\_\_\_\_\_\_\_" >

In the above bean mapping what can come in the blank.

1. byType
2. byName
3. Both a and b
4. None of the above

4

Which of these annotations represents a controller in MVC application.

A @Controller

B @RestController

C @Servlet

D @Bean

5

Which of these annotations is used on a Configuration class?

A @Config

B @Bean

C @ConfigurationBean

D @Configuration

6

Which of these annotations is maps a bean in the configuration.

A @Config

B @Bean

C @ConfigurationBean

D None of the above

7

Which of these is false w.r.t SpringBoot?

A It is highly Opinionated.

B It reduces writing Boiler Plate Configuration.

C Provides Starter POM

D It is packaged only as a war file during deployment.

8.

Which of these properties is used to set the server port no in application.properties?

A server.port

B port

C portNo

D None of the above

9.

Which of these components need to be created for creating a JPARepository.

A Implementation Class

B Interface

C Bean

D Any of the above

10

Which of these annotations is used on a method that starts execution once server initialization is done

A Start

B PostConstruct

C Init

D None of these

11

Which of these annotations is used in Entity Mapping to represent primary key for the relation.

A Id

B key

C PrimaryKey

D Column

12

Which of these tools refreshes the server automatically in Spring Boot

A JPA

B SpringDevTools

C SpringWeb

D Security

13

Which of these dependencies autogenerates Bean class methods.

A Swagger

B SpringCloud

C Actuator

D Lombok

14

Which of these methods is overridden to authenticate the user in Spring Security.

A public void configure(AuthRequest request)

B public void configure(AuthenticationManagerBuilder auth)

C public void configure(HttpSecurity http)

D None of these

15

Which of these methods is overridden to authorize the user in Spring Security.

A public void configure(AuthRequest request)

B public void configure(AuthenticationManagerBuilder auth)

C public void configure(HttpSecurity http)

D None of these

Say True for False.

1. Spring Boot project is a Maven or Gradle Project . (T)
2. In Spring XML configuration is slower than the Java class Configuration. (T)
3. SpringBoot does not provide any security by default. (F)
4. JWT is the concept of generating a token and validating for repeated requests from the client. (T)
5. Spring Boot application has a main method to bootstrap the application (T)
6. @Column is mandatory in Entity Mapping . (F)
7. @Query is a must for any query in JPA Repository (F)
8. @RestController is the annotation on the class to expose REST API. (T)
9. @Path is the annotation to send the path variables in Spring Boot APP. (F)
10. Method mapped with @Getmapping can be executed on a Browser. (T)
11. Post Man is a REST Client. (T)
12. Swagger provides a UI to view and execute REST API. (T)
13. Command Line is the interface that is implemented to see results on the console. (F)
14. UserDetailsService interface has a method loadUserByUsername that reads username in Spring Security. (T)
15. application.yml file can used in place of application.properties to map the properties in SpringBoot application. (T)