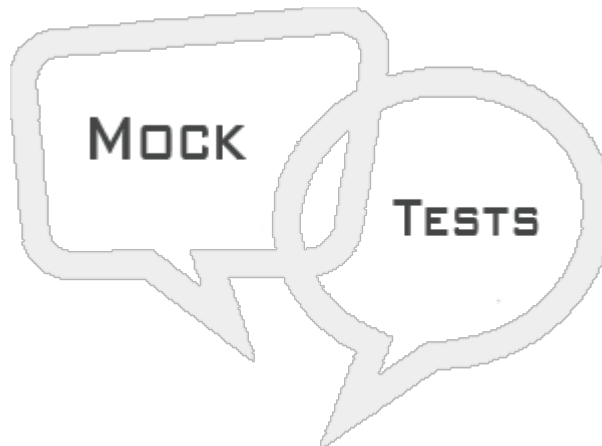


# SPRING MOCK TEST

<http://www.tutorialspoint.com>

Copyright © tutorialspoint.com

This section presents you various set of Mock Tests related to **Spring Framework**. You can download these sample mock tests at your local machine and solve offline at your convenience. Every mock test is supplied with a mock test key to let you verify the final score and grade yourself.



## SPRING MOCK TEST III

### Q 1 - What is Introduction?

- A - An introduction represents a point in your application where you can plug-in AOP aspect.
- B - This is used to inject values in objects.
- C - This is not invoked during program execution by Spring AOP framework.
- D - An introduction allows you to add new methods or attributes to existing classes.

### Q 2 - What is Target object?

- A - A represents a object in your application where you can plug-in AOP aspect.
- B - The object being advised by one or more aspects, this object will always be a proxy object, also referred to as the advised object.
- C - This is used to inject values in objects.
- D - This is not invoked during program execution by Spring AOP framework.

### Q 3 - What is Weaving?

- A - Weaving is the process of injecting values in objects to create an advised object.
- B - Weaving is the process of linking aspects with other application types or objects to create an advised object.
- C - This is used to inject values in objects.
- D - Weaving is used to check object dependencies.

### Q 4 - What are the different points where weaving can be applied?

- A - Compile time, load time

- B - Compile time, run time
- C - Run time
- D - Compile time, load Time, Run time

**Q 5 - What are the types of advice?**

- A - then, after, after-returning, after-throwing, around
- B - When, after, after-returning, around
- C - Where, after, after-returning, after-throwing, around
- D - Before, after, after-returning, after-throwing, around

**Q 6 - How before advice works?**

- A - Run advice before a class loads.
- B - Run advice before a method execution.
- C - Run advice before http response is to be returned.
- D - Run advice before http request is to be processed.

**Q 7 - How after-returning advice works?**

- A - Run advice after a class loads only if class loads successfully.
- B - Run advice after a method execution only if method completes successfully.
- C - Run advice after http response is returned only if http response is success.
- D - Run advice after http request is processed with no exception.

**Q 8 - How after-throwing advice works?**

- A - Run advice after a method execution only if method exits by throwing an exception.
- B - Run advice after a class loads only if class throws exception during load time.
- C - Run advice after http response is returned with error status.
- D - Run advice after http request is processed and an exception occurred.

**Q 9 - How around advice works?**

- A - Run advice before and after the advised method is invoked.
- B - Run advice before and after a class is loaded.
- C - Run advice before and after http response is returned.
- D - Run advice before and after http request is processed.

**Q 10 - Which of the following aspect implementation spring supports?**

- A - XML Schema based aspect implementation
- B - @AspectJ based aspect implementation
- C - Both of above.
- D - None of above.

**Q 11 - What are the types of the transaction management Spring supports?**

- A - Programmatic transaction management
- B - Declarative transaction management
- C - Both of above.
- D - None of above.

**Q 12 - What is Spring MVC framework?**

- A - Spring MVC framework is Model-Value-Class architecture and used to bind model data with values.
- B - The Spring web MVC framework provides model-view-controller architecture and ready components that can be used to develop flexible and loosely coupled web applications.
- C - Spring MVC framework is used for Transaction management for Web Applications.
- D - Spring MVC framework is used for AOP for Web Applications.

**Q 13 - What is @Controller annotation?**

- A - The @Controller annotation indicates that a particular class serves the role of a controller.
- B - The @Controller annotation indicates how to control the transaction management.
- C - The @Controller annotation indicates how to control the dependency injection.
- D - The @Controller annotation indicates how to control the aspect programming.

**Q 14 - What are the ways to access Hibernate by using Spring?**

- A - Inversion of Control with a Hibernate Template and Callback.
- B - Extending HibernateDAOSupport and Applying an AOP Interceptor node.
- C - Both of above.
- D - None of above.

**Q 15 - Which ORM Spring supports ?**

- A - Hibernate
- B - iBatis
- C - JPA

D - All of above.

E - None of above.

**Q 16 - Which of the following database is not supported using jdbcTemplate?**

A - MySql

B - PostgresSql

C - NoSql

D - Oracle

**Q 17 - How to get object of a service in spring framework?**

A - Using new keyword

B - Using dependency injection

**Q 18 - Which of the following is part of Data Access layer in Spring framework?**

A - Beans

B - Aspects

C - JMS

D - Context

**Q 19 - How to use ref keyword in beans.**

xml?

A - Using setter method only.

B - Using constructor argument only.

C - Using setter method and constructor argument both.

D - None of the above.

**Q 20 - Core container has AOP as one of its module.**

A - True

B - False

**Q 21 - SpEL is part of core container.**

A - False

B - True

**Q 22 - Which class acts as IoC Container?**

- A - ServletContext
- B - DispatcherServlet
- C - ApplicationContext
- D - None of the above

**Q 23 - What stands true for spring framework?**

- A - Spring framework is a light weight framework.
- B - Spring framework is a heavy weight framework.

**Q 24 - Expression Language/ SpEL was introduced in which version of spring framework.**

- A - 1.0
- B - 2.0
- C - 3.0
- D - 4.0

**Q 25 - Can we integrate Struts with Spring.**

- A - Yes
- B - No

**Q 26 - By default a bean is lazily loaded.**

- A - True
- B - False

**Q 27 - By default a bean is eagerly loaded.**

- A - False
- B - True

**Q 28 - If a bean is scoped to HTTP request, scope is**

- A - session
- B - global-session
- C - prototype
- D - request

**Q 29 - If a bean is created once per loc Container, scope is**

- A - singleton
- B - global-session
- C - prototype
- D - request

**Q 30 - Thread scoped bean is introduced in which version of spring framework.**

- A - 1.0
- B - 2.0
- C - 3.0
- D - 4.0

**Q 31 - If a bean can be created any number of times, scope is**

- A - session
- B - global-session
- C - prototype
- D - request

**Q 32 - What is the scope of stateless bean?**

- A - global-session
- B - singleton
- C - prototype
- D - request

**Q 33 - What is the scope of stateful bean?**

- A - session
- B - global-session
- C - prototype
- D - request

**Q 34 - If a bean is scoped to HTTP session, scope is**

- A - global-session
- B - session
- C - prototype
- D - request

**Q 35 - How to handle shut down of IoC container?**

- A - Using shutdownHook
- B - Using shutdownHandler
- C - Using registerHook
- D - Using registerShutdownHook

**Q 36 - How bean life cycle can be controlled?**

- A - Using init only
- B - Using InitializingBean class only
- C - Using DisposableBean class only
- D - Using All of above

**Q 37 - What is the scope of bean in portlet context?**

- A - session
- B - global-session
- C - prototype
- D - request

**Q 38 - How after advice works?**

- A - Run advice after a method execution regardless of its outcome.
- B - Run advice after a class loads.
- C - Run advice after http response is returned.
- D - Run advice after http request is processed.

**Q 39 - Which class is used to map a database row to a java object in spring?**

- A - ResultSet
- B - RowMapper
- C - RowSetMapper
- D - ResultSetMapper

**Q 40**

A bean must have id attribute in beans configuration file.

- A - True

B - False

**Q 41 - Which of the following class can be used to execute Sql queries in spring?**

B - JDBCHelper

A - JdbcTemplate

C - DBHelper

D - DBTemplate

**Q 42 - Which of the following class can be used to call Stored Procedures in spring?**

A - SPHelper

B - JdbcTemplateCall

C - JdbcTemplate

D - SimpleJdbcCall

**Q 43 - What is a DispatcherServlet?**

A - DispatcherServlet is used for transaction management.

B - DispatcherServlet is used for AOP.

C - DispatcherServlet handles all the HTTP requests and responses.

D - DispatcherServlet is used for Dependency injection.

**Q 44 - What is ACID in transactional management?**

A - Accurate, Controlled, Isolation, Durability

B - Atomicity, Consistency, Independent, Done

C - Atomicity, Consistency, Isolation, Durability

D - Accurate, Controlled, Independent, Done

**Q 45 - Where do you define DispatcherServlet?**

A - In Beans configuration file.

B - Web.xml file

C - Meta-inf/dispatcher.xml

D - Web-inf/ dispatcher.xml

**Q 46 - What is true about BeanPostProcessor?**

A - It is a concrete class.

B - It is an interface.



C - It is an abstract class.

D - None of the above.

**Q 47 - What BeanPostProcessor does?**

A - It processes beans once a bean is initialized.

B - It defines callback methods that you can implement to provide your own instantiation logic, dependency-resolution logic etc.

C - It processes beans once a bean is loaded.

D - It processes beans once a bean exits.

**Q 48 - Can be bean be configured to have an inner bean?**

A - True

B - False

**Q 49 - Can we inject value and ref both together in a bean?**

A - True

B - False

**Q 50 - Following class can be extended to create custom event in spring.**

A - SpringEvent

B - Event

C - ApplicationEvent

D - None of above

## ANSWER SHEET

Question Number	Answer Key
-----------------	------------

1	D
---	---

2	B
---	---

3	B
---	---

4	D
---	---

5	D
---	---

6	B
---	---

7	B
---	---

8	A
---	---

9	A
10	C
11	C
12	B
13	A
14	C
15	D
16	C
17	B
18	C
19	C
20	B
21	B
22	C
23	A
24	C
25	A
26	B
27	B
28	D
29	A
30	C
31	C
32	B
33	C
34	B
35	D
36	D
37	B
38	A
39	B
40	B
41	A
42	D
43	C

44	C
45	B
46	B
47	B
48	A
49	A
50	C

Loading [Mathjax]/jax/output/HTML-CSS/jax.js