

<http://www.skill-guru.com/test/14/spring-fundamentals>

### Spring Fundamentals

This is test to test the knowledge on Spring. The questions are based on new version of Spring 2.5 and Spring 3.0. and covers Spring Basics, core and transaction.

Category	Technical Skill / Interview questions
Keywords	Spring, Spring Core, spring interview questions
Tags	<a href="#">java</a> <a href="#">spring</a>
Questions	13 - Free questions
Test takers	3544
Average score	48.9
Rating	 (4/5)
Guru	<a href="#">j2eeGuru</a>

### Test : Spring Fundamentals



14:5

Question :1

Spring's Transaction management feature can fully replace all the features of EJB's Container managed transaction

Select Your Answer :

- ☐ Yes except the global transactions
- ☐ False
- ☐ True , no exceptions

Question :2

Can dependency injection be lazy instantiated ?

Select Your Answer :

- ☐ No
- ☒ Yes

Question :3

Can you instantiate a static inner class in Spring ?

Select Your Answer :

- 
- ☐ No. Static classes are not supported
- 
- ☐ Yes. They are instantiated by default with the class
- 
- ☐ Yes. But you will have to use the binary name of the class
- 

Question :4

Look at the code below .

```
<bean id = "helloWorldSample" class="com.helloworld.samples.HelloWorld" depends-on = "setuphelloClassId">
  <property name="myString">
    Hello World Program
  </property>
  <property name="dependentClassId">
    <ref bean = "firstDependentClass"/>
  </property>
</bean>

<bean id = "dependentClass" class = "com.helloworld.dependent.DependentClass"
destroy-method="cleanupMethod">
  <property name="dependentString">
  </property>

</bean>

<bean id = "setuphelloClassId" class = "com.helloworld.config.setupHelloClass">
</bean>
```

Which of the following answers is correct ?

Select Your Answer :

- 
- ☐ The bean for helloWorldSample class depends on the setuphelloClassId class and the property "dependentClassId" is not a field for the Helloworld bean with a reference to the dependentClass class.
- 
- ☐ The bean definition for HelloWorld depends on the setupHelloClass and the property "dependentClassId" is a field for the Helloworld bean with a reference to the firstDependentClass bean.
- 
- ☐ The bean for HelloWorld class depends on the setupHelloClass property and the property class "dependentClassId" is a field for the Helloworld bean with a reference to the DependentClass property.
- 
- ☒ The bean definition for HelloWorld depends on the setuphelloClassId and the property "firstDependentClass" is a field for the Helloworld bean with a reference to the DependentClass.
-

Question :5

I want to provide the MessageSource functionality to application, providing access to messages in i18n-style in my application. Which one should I use ?

Select Your Answer :

- ☐ ApplicationContext
- ☐ Properties File
- ☐ Servlet Context

Question :6

Which of the following features are provided when using the spring templating classes such as JdbcTemplate or HibernateTemplate ?

Select Your Answer :

- ☐ Automatic Transaction Management
- ☐ Exception Handling
- ☐ Load Balancing
- ☐ Cache Management
- ☐ Resource look up

Question :7

What is understood by Inversion of Control (IOC) ?

Select Your Answer :

- ☐ The object define their dependencies and the container injects the dependencies when it creates the bean
- ☐ It is a unique behavior of Spring Framework
- ☐ This is a generic concept which Spring implements

Question :8

<p>An application server is required for Spring's Transaction mechanism to run.</p>  
<p>Is this statement</p>

Select Your Answer :

☐ <p>True</p>

☐ <p>False</p>

Question :9

What do you understand by Dependency Injection ?

Select Your Answer :

☐ It is design pattern of how objects are related.

☐ The property of the server on how it injects the object

☐ Since all the dependency of an object has defined , a standalone application can be tested in totality by injecting the dependent objects.

Question :10

What are the types of injection supported by Spring ?

Select Your Answer :

☐ Constructor Injection only

☐ Constructor Injection and Setter Injection

☐ Constructor Injection , Setter Injection before 2.0 and Interface Injection with 2.0 and above version

☐ Constructor Injection , Setter Injection and Interface Injection

Question :11

The basic principle behind Dependency Injection(DI) is that the objects define their dependencies . What are the valid ways in which an object defines its dependency ?

Select Your Answer :

- 
- ☐ Through Constructor arguments
- 
- ☐ Arguments to a factory method,
- 
- ☐ properties which are set on the object instance after it has been constructed or returned from a factory method
- 
- ☐ xml file
- 

Question :12

What is a 'bean' in Spring ?

Select Your Answer :

- 
- ☐ It is a special component of the IOC container
- 
- ☐ It is the regular java bean with some special features and capabilities in spring
- 
- ☐ A bean is simply an object that is instantiated, assembled and otherwise managed by a Spring IoC container; other than that, there is nothing special about a bean
- 

Question :13

What is dependency injection ?

Select Your Answer :

- 
- ☐ A design pattern where in dependent objects are defined in an xml for easy maintainability
- 
- ☐ This is a design pattern whereby collaborators(dependent objects) are passed into an object from the outside at the time application is initialized
- 
- ☐ The unique feature of spring which allows object to be injected during compile time.
-