Q - How before advice works?

[A - Run advice before a class loads.](javascript:void(0);)

B - Run advice before a method execution.

[C - Run advice before http response is to be returned.](javascript:void(0);)

[D - Run advice before http request is to be processed.](javascript:void(0);)

**Answer : B**

**Explanation**

before advice runs before a method execution.

Q - What is Introduction?

[A - An introduction represents a point in your application where you can plug-in AOP aspect.](javascript:void(0);)

[B - This is used to inject values in objects.](javascript:void(0);)

[C - This is not invoked during program execution by Spring AOP framework.](javascript:void(0);)

[D - An introduction allows you to add new methods or attributes to existing classes.](javascript:void(0);)

**Answer : D**

Q - How to use ref keyword in beans.

xml?

[A - Using setter method only.](javascript:void(0);)

[B - Using constructor argument only.](javascript:void(0);)

C - Using setter method and constructor argument both.

[D - None of the above.](javascript:void(0);)

**Answer : C**

**Explanation**

ref is used to reference already defined bean and it can

Q - How can you inject Java Collection in Spring?

A - Using list, set, map or props tag.

[B - Using lit, set, map or collection tag.](javascript:void(0);)

[C - Using list, set, props or collection tag.](javascript:void(0);)

[D - Using list, collection, map or props tag.](javascript:void(0);)

**Answer : A**

**Explanation**

Spring supports list, set, map or props tags to inject java collections.

Q - What is ContextStartedEvent event?

[A - This event is published when the Servlet Context is either initialized or refreshed.](javascript:void(0);)

[B - This event is published when the HTTP Request is received.](javascript:void(0);)

C - This event is published when the ApplicationContext is started using the start() method on the ConfigurableApplicationContext interface.

[D - This event is published when the HTTP Response is returned.](javascript:void(0);)

**Answer : C**

**Explanation**

ContextStartedEvent event is published when the ApplicationContext is started using the start() method on the ConfigurableApplicationContext interface.

Q - How do you turn on annotation wiring?

[A - Add <annotation-context:config /> to bean configuration.](javascript:void(0);)

[B - Add <annotation-config /> to bean configuration.](javascript:void(0);)

[C - Add <annotation-context-config /> to bean configuration.](javascript:void(0);)

D - Add <context:annotation-config/> to bean configuration.

**Answer : D**

**Explanation**

Add <context:annotation-config/> to bean configuration to turn on annotation wiring.

Q - What is Join point?

[A - This represents a point in your application which joins two objects.](javascript:void(0);)

[B - This represents a point in your object where you join values.](javascript:void(0);)

[C - This represents a point in your object where you join injected values.](javascript:void(0);)

D - This represents a point in your application where you can plug-in AOP aspect.

**Answer : D**

**Explanation**

Join point represents a point in your application where you can plug-in AOP aspect.

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

[A - Compile time, load time](javascript:void(0);)

[B - Compile time, run time](javascript:void(0);)

[C - Run time](javascript:void(0);)

D - Compile time, load Time, Run time

**Answer : D**

**Explanation**

Weaving can be applied at Compile time, load Time and Run time.

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

[A - global-session](javascript:void(0);)

B - session

[C - prototype](javascript:void(0);)

[D - request](javascript:void(0);)

**Answer : B**

**Explanation**

If a bean is scoped to HTTP session, scope is session.

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

[A - MySql](javascript:void(0);)

[B - PostgresSql](javascript:void(0);)

C - NoSql

[D - Oracle](javascript:void(0);)

**Answer : C**

**Explanation**

NoSql is not supported using jdbcTemplate.

Q - What is bean scope?

A - Bean scope forces Spring to produce a new bean instance as per the scope defined.

[B - Bean scope defines the accessibility of bean in a java class.](javascript:void(0);)

[C - Bean scope defines the accessibility of bean in a java package.](javascript:void(0);)

[D - Bean scope defines the accessibility of bean in a web application.](javascript:void(0);)

**Answer : A**

**Explanation**

Bean scope instructs Spring Container to produce a new bean instance as per the scope defined.

Q - What is bean autowiring?

[A - Autowiring lets Spring resolve collaborators (other beans) for your bean by inspecting the contents of the BeanFactory without using <constructor-arg> and <property> elements.](javascript:void(0);)

[B - Autowiring injects values in spring beans.](javascript:void(0);)

[C - Autowiring injects one bean into another.](javascript:void(0);)

[D - Autowiring helps in wiring a list of values, allowing duplicates.](javascript:void(0);)

Q - Which of the following aspect implementation spring supports?

[A - XML Schema based aspect implementation](javascript:void(0);)

[B - @AspectJ based aspect implementation](javascript:void(0);)

C - Both of above.

[D - None of above.](javascript:void(0);)

**Answer : C**

**Explanation**

Spring supports both XML Schema based and @AspectJ based aspect implementation.

Q - What is byType mode of autowiring?

[A - Default setting which meas no autowiring and you should use explicit bean reference for wiring.](javascript:void(0);)

[B - Autowiring by property name. Spring tries to match and wire its properties with the beans defined by the same names in the configuration file.](javascript:void(0);)

[C - Spring first tries to wire using autowire by constructor, if it does not work, Spring tries to autowire by byType.](javascript:void(0);)

D - Autowiring by property type. Spring tries to match and wire a property if its type matches with exactly one of the beans name in configuration file.

**Answer : D**

**Explanation**

byType mode of autowiring is autowiring by property type. Spring tries to match and wire a property if its type matches with exactly one of the beans name in configuration file.

Q - What is true about cross-cutting concerns?

A - The functions that span multiple points of an application are called cross cutting concerns.

[B - Cross-cutting concerns are conceptually separate from the application's business logic.](javascript:void(0);)

[C - Logging is one of the examples of cross cutting concerns.](javascript:void(0);)

[D - All of the above.](javascript:void(0);)

**Answer : A**

**Explanation**

Cross-cutting concerns are the functions that span multiple points of an application.

Q - What is Pointcut?

[A - This represents a point in your application where you can plug-in AOP aspect.](javascript:void(0);)

B - This is a set of one or more joinpoints where an advice should be executed.

[C - This is used to inject values in objects.](javascript:void(0);)

[D - This is invoked during program execution by Spring AOP framework.](javascript:void(0);)

**Answer : B**

**Explanation**

Pointcut is a set of one or more joinpoints where an advice should be executed.

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

[A - True](javascript:void(0);)

B - False

**Answer : B**

**Explanation**

AOP is not the part of spring core container.

Q - Which are the IoC containers in Spring?

A - BeanFactory, ApplicationContext

[B - BeanFactory, ApplicationContext, IocContextFactory](javascript:void(0);)

[C - BeanFactory, BeanContext, IocContextFactory](javascript:void(0);)

[D - BeanFactory, ApplicationContext, BeanContext](javascript:void(0);)

**Answer : A**

**Explanation**

BeanFactory, ApplicationContext classes acts as IoC containers in Spring.

Q - Which of the following stands true for spring beans?

[A - Spring beans are managed by the Spring IoC container.](javascript:void(0);)

[B - Spring beans are instantiated, assembled, and otherwise managed by a Spring IoC container.](javascript:void(0);)

[C - Spring beans are simple POJOs.](javascript:void(0);)

D - All of the above.

**Answer : D**

**Explanation**

All of the above statements are correct.

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

[A - Using new keyword](javascript:void(0);)

B - Using dependency injection

**Answer : B**

**Explanation**

In spring, dependency injection is used to get any object.