**Q 1** - Which are the modules of core container?

[**A** - Beans, Core, Context, SpEL](javascript:void(0);)

[**B** - Core, Context, ORM, Web](javascript:void(0);)

[**C** - Core, Context, Aspects, Test](javascript:void(0);)

[**D** - Bean, Core, Context, Test](javascript:void(0);)

Ans:A

**Q 2** - What is bean scope?

[**A** - Bean scope forces Spring to produce a new bean instance as per the scope defined.](javascript:void(0);)

[**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);)\

Ans:A

**Q 3** - What is true about <map> collection configuration elements?

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

[**B** - This helps in wiring a list of values but without any duplicates.](javascript:void(0);)

[**C** - This can be used to inject a collection of name-value pairs where name and value can be of any type.](javascript:void(0);)

[**D** - This tag is not supported.](javascript:void(0);)

Ans:C

**Q 4** - 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.](javascript:void(0);)

Ans:D

**Q 5** - What is Advice?

[**A** - This is the way to instruct object to behave in certain manner.](javascript:void(0);)

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

[**C** - This is the actual action to be taken either before or after the method execution.](javascript:void(0);)

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

Ans:C

**Q 6** - 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](javascript:void(0);)

Ans:D

**Q 7** - Which ORM Spring supports ?

[**A** - Hibernate](javascript:void(0);)

[**B** - iBatis](javascript:void(0);)

[**C** - JPA](javascript:void(0);)

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

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

Ans:D

**Q 8** - Which class acts as IoC Container?

[**A** - ServletContext](javascript:void(0);)

[**B** - DispatcherServlet](javascript:void(0);)

[**C** - ApplicationContext](javascript:void(0);)

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

Ans:C

**Q 9** - How after advice works?

[**A** - Run advice after a method execution regardless of its outcome.](javascript:void(0);)

[**B** - Run advice after a class loads.](javascript:void(0);)

[**C** - Run advice after http response is returned.](javascript:void(0);)

[**D** - Run advice after http request is processed.](javascript:void(0);)

Ans:A

**Q 10** - What is true about BeanPostProcessor?

[**A** - It is a concrete class.](javascript:void(0);)

[**B** - It is an interface.](javascript:void(0);)

[**C** - It is an abstract class.](javascript:void(0);)

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

Ans:B

**Q 11** - Which of the following is correct assertion about spring?

[**A** - Spring enables developers to develop enterprise-class applications using POJOs.](javascript:void(0);)

[**B** - Spring is organized in a modular fashion.](javascript:void(0);)

[**C** - Testing an application written with spring is simple because environment-dependent code is moved into this framework.](javascript:void(0);)

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

AnS:D

**Q 12** - Which of the statement is correct?

[**A** - The AOP module provides aspect-oriented programming implementation allowing you to define method-interceptors and pointcuts to cleanly decouple code that implements functionality that should be separated.](javascript:void(0);)

[**B** - The Aspects module provides integration with AspectJ - Which is again a powerful and mature aspect oriented programming (AOP) framework.](javascript:void(0);)

[**C** - The Instrumentation module provides class instrumentation support and class loader implementations to be used in certain application servers.](javascript:void(0);)

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

ANS:D

**Q 13** - What is true about <props> collection configuration elements?

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

[**B** - This helps in wiring a list of values but without any duplicates.](javascript:void(0);)

[**C** - This can be used to inject a collection of name-value pairs where name and value can be of any type.](javascript:void(0);)

[**D** - This can be used to inject a collection of name-value pairs where the name and value are both Strings.](javascript:void(0);)

Ans:A

**Q 14** - What is autodetect mode of autowiring?

[**A** - Similar to byType, but type applies to constructor arguments. If there is not exactly one bean of the constructor argument type in the container, a fatal error is raised.](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.](javascript:void(0);)

Ans:C

**Q 15** - What is true about @Autowired annotation?

[**A** - The @Autowired annotation can be used to autowire bean on the setter method.](javascript:void(0);)

[**B** - This annotation provides more fine-grained control over where and how autowiring should be accomplished.](javascript:void(0);)

[**C** - The @Autowired annotation can be used to autowire bean on the methods with arbitrary names and/or multiple arguments.](javascript:void(0);)

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

Ans:B

**Q 16** - What are the types of advice?

[**A** - then, after, after-returning, after-throwing, around](javascript:void(0);)

[**B** - When, after, after-returning, around](javascript:void(0);)

[**C** - Where, after, after-returning, after-throwing, around](javascript:void(0);)

[**D** - Before, after, after-returning, after-throwing, around](javascript:void(0);)

Ans:D

**Q17** - Which of the following is part of Data Access layer in Spring framework?

[**A** - Beans](javascript:void(0);)

[**B** - Aspects](javascript:void(0);)

[**C** - JMS](javascript:void(0);)

[**D** - Context](javascript:void(0);)

Ans:C

**Q 18** - If a bean is scoped to HTTP request, scope is

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

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

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

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

Ans:D

**Q 19** - If a bean is scoped to HTTP session, scope is

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

[**B** - session](javascript:void(0);)

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

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

Ans:B

**Q 20** - Where do you define DispatcherServlet?

[**A** - In Beans configuration file.](javascript:void(0);)

[**B** - Web.xml file](javascript:void(0);)

[**C** - Meta-inf/dispatcher.xml](javascript:void(0);)

[**D** - Web-inf/ dispatcher.xml](javascript:void(0);)

ANs:B

**Q 21** - Which of the following is correct about dependency injection?

[**A** - It helps in decoupling application objects from each other.](javascript:void(0);)

[**B** - It helps in deciding the dependencies of objects.](javascript:void(0);)

[**C** - It stores objects states in database.](javascript:void(0);)

[**D** - It stores object states in file system.](javascript:void(0);)

Ans:A

**Q 22** - Which are the IoC containers in Spring?

[**A** - BeanFactory, ApplicationContext](javascript:void(0);)

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

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

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

Ans:A

**Q 23** - What is true about <list> collection configuration elements?

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

[**B** - This helps in wiring a list of values but without any duplicates.](javascript:void(0);)

[**C** - This can be used to inject a collection of name-value pairs where name and value can be of any type.](javascript:void(0);)

[**D** - This can be used to inject a collection of name-value pairs where the name and value are both Strings.](javascript:void(0);)

Ans:A

**Q 24** - What is constructor mode of autowiring?

[**A** - 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);)

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

[**C** - 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.](javascript:void(0);)

[**D** - Similar to byType, but type applies to constructor arguments. If there is not exactly one bean of the constructor argument type in the container, a fatal error is raised.](javascript:void(0);)

Ans:D

**Q 25** - What is Advice?

[**A** - This is the way to instruct object to behave in certain manner.](javascript:void(0);)

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

[**C** - This is the actual action to be taken either before or after the method execution.](javascript:void(0);)

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

ANs:C

**Q 26** - 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.](javascript:void(0);)

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

Ans:C

**Q 27** - How to get object of a service in spring framework?

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

[**B** - Using dependency injection](javascript:void(0);)

Ans:B

**Q 28** - Which class acts as IoC Container?

[**A** - ServletContext](javascript:void(0);)

[**B** - DispatcherServlet](javascript:void(0);)

[**C** - ApplicationContext](javascript:void(0);)

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

ANs:C

**Q 29** - What is the scope of stateless bean?

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

[**B** - singleton](javascript:void(0);)

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

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

Ans:B

**Q 30** - Can we inject value and ref both together in a bean?

[**A** - True](javascript:void(0);)

[**B** - False](javascript:void(0);)

ANs:A

**Q 31** - Which of the following is correct assertion about spring?

[**A** - Spring enables developers to develop enterprise-class applications using POJOs.](javascript:void(0);)

[**B** - Spring is organized in a modular fashion.](javascript:void(0);)

[**C** - Testing an application written with spring is simple because environment-dependent code is moved into this framework.](javascript:void(0);)

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

ANs:D

**Q3 2** - What types of Dependency injection does spring supports?

[**A** - Constructor based, Setter based](javascript:void(0);)

[**B** - Constructor based, Setter based, Getter Based](javascript:void(0);)

[**C** - Setter based, Getter based, Properties based](javascript:void(0);)

[**D** - Constructor based, Setter based, Properties based](javascript:void(0);)

Ans:A

**Q 33** - What is request scope?

[**A** - This scopes a bean definition to an HTTP request.](javascript:void(0);)

[**B** - This scopes the bean definition to Spring IoC container.](javascript:void(0);)

[**C** - This scopes the bean definition to HTTP Session.](javascript:void(0);)

[**D** - This scopes the bean definition HTTP Application/ Global session.](javascript:void(0);)

Ans:A

**Q 34** - Which are the different modes of autowiring?

[**A** - no, byName, byType, constructor, autodetect](javascript:void(0);)

[**B** - no, byName, byType, constructor, autocorrect](javascript:void(0);)

[**C** - byName, byContent, constructor, autodetect](javascript:void(0);)

[**D** - byName, byContent, setter, autodetect](javascript:void(0);)

Ans:A

**Q 35** - What is ContextClosedEvent 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 HTTP Response is returned.](javascript:void(0);)

[**D** - This event is published when the ApplicationContext is closed using the close() method on the ConfigurableApplicationContext interface.](javascript:void(0);)

ANS:D

**Q 36** - 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.](javascript:void(0);)

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

Ans:C

**Q 37** - What is Spring MVC framework?

[**A** - Spring MVC framework is Model-Value-Class architecture and used to bind model data with values.](javascript:void(0);)

[**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.](javascript:void(0);)

[**C** - Spring MVC framework is used for Transaction management for Web Applications.](javascript:void(0);)

[**D** - Spring MVC framework is used for AOP for Web Applications.](javascript:void(0);)

Ans:B

**Q 38** - SpEL is part of core container.

[**A** - False](javascript:void(0);)

[**B** - True](javascript:void(0);)

Ans:B

**Q39** - How bean life cycle can be controlled?

[**A** - Using init() only](javascript:void(0);)

[**B** - Using InitializingBean class only](javascript:void(0);)

[**C** - Using DisposableBean class only](javascript:void(0);)

[**D** - Using All of above](javascript:void(0);)

Ans:D

**Q 40** - What BeanPostProcessor does?

[**A** - It processes beans once a bean is initialized.](javascript:void(0);)

[**B** - It defines callback methods that you can implement to provide your own instantiation logic, dependency-resolution logic etc.](javascript:void(0);)

[**C** - It processes beans once a bean is loaded.](javascript:void(0);)

[**D** - It processes beans once a bean exits.](javascript:void(0);)

Ans:B