1. What are the methods of bean life cycle?(multiple)
2. Init
3. Setup
4. Teardown
5. Process

Ans: 2,3

Setup- called when bean is loaded into container

Teardown- called when bean is unloaded into container

1. What are the types of dependency injection?(multiple)
2. Setter Injection
3. Constructor Injection
4. Parameter Injection
5. Autowire Injection

Ans: 1,2

Setter Injection- uses <property name=”” value=””/>

Constructor Injection- uses <constructor-org type=”” value=””>

1. **public** ModelAndView registerCustomer(@ModelAttribute("cust") Customer customer) { //line1

**try**

{

customer=appServices.createAccount(customer); //2

ModelAndView modelAndView = **new** ModelAndView("createAccountSuccess", "customer", customer); //3

**return** modelAndView;

} **catch**(Exception e)

{

e.printStackTrace();

}

**return** **new** ModelAndView("error");

}

In the above snippet what do we need to change to excute it whithout any errors?

1. Change cust to customer in line 1
2. Change the customer object in createAccount() to cust
3. Change customer to cust in line 2,3
4. All of the above

Ans: 1

We can’t create an object with the different names while using the @ModelAttribute

So the program runs without any errors if we change cust to customer in line 1.

1. Spring @Autowired Annotation is used for?
2. Setter Injection
3. Dependency Injection
4. Constructor injection
5. Annotation-config

Ans: 2

We use @Autowired annotation for automatic Dependency Injection in spring bean autowiring concept.

Ex. 1. @Service(value=”service”)

2. @Autowired(required=true)

Private Services service;

1. What is annotation to scan the base-package?
2. <bean:component-scan package=”com.cg”>
3. <context:component-scan base-package=”com.cg”>
4. <context:component-scan package=”com.cg”>
5. <context:scan base-package=”com.cg”>

Ans: 2

Sysntax: <context:component-scan base-package=”package-path”>

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_are responsible for receiving the request from the user and calling the back-end services.  
     
   a) View.

b) Model.

c) Controller.

d)Service.

Ans: c) Controller.

1. The DispatcherServlet queries a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ with this logical name to help find the actual JSP.  
     
   a) HandlerMapping.  
   b) ViewResolver.  
   c) Controller.  
   d) ModelAndView.

Ans: b) ViewResolver.

1. The Central Component of Spring MVC is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
     
   a) DispatcherServlet.  
   b) BeanConfigurationFile.  
   c) Web.xml File.  
   d) HandlerMapping.

Ans: a) DispatcherServlet.

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ can be applied to the controller class as well as methods. It maps web requests onto specific handler classes and/or handler methods.   
     
   a)@RequestParam.  
   b)@RequestMapping.  
   c)@ModelAttribute.  
   d)@Controller.

Ans: b)@RequestMapping.

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ resolves logic view names into view objects that are rendered using template file resources.  
     
   a)BeanNameViewResolver.  
   b)ResourceBundleViewResolver.  
   c)XmlViewResolver.  
   d)InternalResourceViewResolver

Ans: d)InternalResourceViewResolver

1. What is the default nature of bean defined in Spring framework?
2. Final
3. Singleton
4. Abstract
5. None of these

Ans: : b.Singleton

1. Which of following is true?
2. ApplicationContext extends BeanFactory
3. ApplicationContext implements BeanFactory
4. BeanFactory extends ApplicationContext
5. None of these

Ans: a. ApplicationContext extends BeanFactory

1. Which of following exception is related to all exceptions thrown in spring applications?
2. Null pointer Exception
3. SpringException
4. DataAccessException
5. None of these

Ans: c. DataAccessException

1. select the statement that best suits the term @RequestMapping
2. Can be used on a class or a method. Maps an url on the class (or method).
3. Can be used on a class or a method. Maps an url on the class (or method).
4. Used to map a dynamic value in the url to a method argument.
5. None of the above

Ans: 1

1. Choose the annotation which is not available in SpringMVc from the given options (single answer only)
2. @MatrixVariable
3. @PathVariable
4. @RequestParam
5. @ValidMethod

Ans: 4

1. @restController annotation is a combination of which of the two annotations?
2. @controller and @request mapping
3. @controller and @requestparam
4. @controller and @responsebody
5. @controller and @modelattribute

Answer : c

1. In the lifecycle of a request of a MVC, @modelattribute will be called in which stage
2. Controller
3. View resolver
4. Handler mapping
5. Model and view

Answer : c

1. the view returned by a MVC can be of which form
2. JSP
3. PDF
4. Excel sheets
5. All of the above

Answer : d

1. How can you configure any class as a Spring Bean?
   1. XML Configuration
   2. Java Based Configuration
   3. Annotation Based Configuration
   4. All of the above

Answer: d

1. Explain various types of Spring Bean Auto wiring.
   1. Autowire byname
   2. Autowire byType
   3. Autowire by constructor
   4. Autowire by @Autowired and @Qualifier annotations
   5. All of the above

Answer: e

1. To hold errors detected from validating the instance of bean
   1. javax.validation.Validator
   2. javax.validation.ValidatorFactory
   3. javax.validation.ValidatorFactor
   4. javax.validation.ConstraintViolation

Answer: d

1. <mvc:annotation-driven/>  used in xml file is similar to which annotation?
2. @Controller
3. @EnableWebMvc
4. @PatchMapping

Answer: b

23. How to auto-inject into a field a bean by it's name?

a)By using both @Autowired and the @Qualifier spring annotation.

b)By using @Qualifier annotation

c)With the name attribute of @Autowired annotation

Answer: a

24. Which Of The Following Is Not A Valid Difference Between @Inject And @Autowired Annotations?

a) There is no difference and both can be used interchangeably.

b) @Inject annotation is part of Java EE 7’s Context and Dependency Injection framework while @Autowired is the Spring Frameworks own implementation.

c) @Autowired is a legacy annotation whereas @Inject is its latest version.

d) None of these

Answer: c

25. How many ways you bean configure EntityManagerfactory in spring?

a)local EntityManagerfactory Bean

b)EntityManagerfactory lookup over JNDI

c)Local Container EntityManagerfactory Bean

d)All of the above

Answer: d