

- 1) Controller Class renders the objects passed by the controller's handler method.
a) **True**
b) False
- 2) Class used to give a class behavior of a Dispatcher Servlet.
a) **AbstractController**
b) Controller
c) Abstract Class
d) AbstractAction
- 3) All of spring's various Controller inherit from AbstractController?
a. **True**
b. False
- 4) WebApplicationContext has more scopes like request, session, global Session to the standard Application context (which only provides Singleton and Prototype scopes)

a. **True**

b. False
- 5) How the Spring Dispatcher Servlet supports for returning the last-modification-date, as specified by the Servlet API?
A. By implementing the LastModified interface
B. By implementing the LastSessionModified interface
C. By implementing the LastDateModified interface
D. By implementing the LastModifiedDate interface
- 6) Which of the among is not a special bean in WebApplicationContext?
A. Locale resolver
B. Theme resolver
C. multipart file
D. resolver
E. Handler exception resolver
F. Handler mappings
G. None of the above
- 7) Design pattern implemented by Dispatcher Servlet.
a) jsp
b) tiles
c) **front controller**
d) none of the mentioned

8) Which of the following is not a view resolver?

- A. BeanNameViewResolver
- B. VelocityViewResolver
- C. JasperReportsViewResolver
- D. UriBasedViewResolver**
- E. ResourceBundleViewResolver
- F. none of above

9) By default, @RequestMapping gets all the POST Requests.

- A. True
- B. False**

10) Handler method annotation.

a) @Before

b) @Controller

c) @After

d) @RequestMapping

11. Method arguments that can be used in handler methods using the @RequestMapping annotation.

a HttpServletRequest or HttpServletResponse

b @RequestParam

c @ModelAttribute

d All of the mentioned

12 .The @RequestMapping annotation can be applied to which levels.

a class

b methods

c both of the above

d none

13. Where we use Repository annotation?

a. test class

b. dao class

c. bean class

d. controller class

14. Which of the following layers the @Controller annotation is used in?

- a. Service layer.
- b. Presentation layer.**
- c. None of these
- d. Business layer.

15 Which annotation is used to bind a request parameter a variable in method scope?

- a. @ModelAttribute
- b. @PathVariable
- c. @RequestParam**
- d. none of the above

16. Which methods are invoked in controller before @RequestMapping methods in same controller?

- a.@RequestParam
- b.@ModelAttribute**
- c. all of the above
- d @None of the above

17. Which feature of spring gives us annotation?

- a. Transaction management.
- b. Inversion of control container (dependency injection)
- c. autodetection**
- d. Data access framework.

18. What is the use of ModelAttribute annotation?

- a. injects data objects the model before jsp loads
- b. read data from an existing model assigning it to handler method parameters

c. both a and b

d. none of above

19. Identify which annotation can be used with `@Controller`?

a. `@RequestMapping`

b. `@ModelAttribute`

c. `@PathVariable`

20. Which package is used for Controller annotation?

a. `import org.springframework.beans.factory`

b. `import org.springframework.stereotype.Controller`

c. `import org.springframework.stereotype.Controller`

d. `import org.springframework.stereotype.Controller`

21. Beans can be created by which of the following properties?

a) Scope

b) Property

c) Class

d) It's own constructor

22. What will be the output?

```
public class CreatePro {  
    String ProductId;  
    public CreatePro(String ProductId)    {  
        this.ProductId = ProductId;  
    }  
  
    public static Product creation_Product(String productId) {
```

```

        System.out.println("Bean Created");
        if ("aaa".equals(productId)) {
            return new Battery("AAA", 2.5);
        } else if ("cdrw".equals(productId)) {
            return new Disc("CD-RW", 1.5);
        }
    }
}
}

<beans ...>
<bean id="aaa" class="CreatePro"
    factory-method="createProduct">
    <constructor-arg value="aaa" />
</bean>
<bean id="cdrw" class="CreatePro"
    factory-method="createProduct">
    <constructor-arg value="cdrw" />
</bean>
</beans>

```

a) BeanCreationException

- b) Bean Created
- c) ClassPathException
- d) None of the mentioned

23. A bean can have more than one name using multiple id attributes?

a) True

- b) False

24. Which one is the default scope of the beans?

- a) Prototype
- b) Session
- c) Request
- d) Singleton**

25. Alternate way of initialization method is:-

- a) init-method attribute**
- b) afterPropertiesSet
- c) destroy-method attribute
- d) none of the mentioned

26. Which special type of advice is used to implement an interface?

- a) Introduction**
- b) Before
- c) After
- d) AfterSpecial

27. Attribute used to specify implementation class

- a) no such attribute
- b) defaultImpl**
- c) defaultInterface
- d) defaultImplement

28. How to keep track of the usage of your beans

- a) Calling Count
- b) Last modified date
- c) New Interface to your object
- d) All of the mentioned**

29. Tag used to declare aspects

- a) **aop:config**
- b) aop:auto-proxy
- c) aop:autowire
- d) None of the mentioned

30. Is this bean configuration metadata correct?

```
<beans ...>  
    bean id="com.shop.Product.AAA"  
        class="org.springframework.beans.factory.config.  
FieldRetrievingFactoryBean" /  
    bean id="com.shop.Product.CDRW"  
        class="org.springframework.beans.factory.config.  
FieldRetrievingFactoryBean" /  
</beans>
```

- a) **Yes**
- b) No

31. What is used to dispatch requests for web application?

- a) ViewHandler
- b) ViewResolver
- c) **DispatcherServlet**
- d) None Of the above

32. Class used to give a class behavior of a Dispatcher Servlet.

- a) **AbstractController**
- b) Controller
- c) Abstract Class
- d) AbstractAction

33. Design pattern implemented by Dispatcher Servlet.

a) jsp

b) tiles

c) front controller

d) none of the mentioned

34. Interface for Dispatcher Servlet to auto detect view resolver beans.

a) localeResolver

b) tiles

c) ViewResolver

d) none of the mentioned

35. Views that can't be resolved by InternalResourceViewResolver.

a) redirect

b) redirect:prefix

c) redirect:suffix

d) all of the mentioned

36. Which class or interface is not used while configuring Dispatcher Servlet programmatically?

a)WebAppInitializer

b)AbstractDispatcherServletInitializer

c)SpringServletContainerInitializer

d)AbstractAnnotationConfigDispatcherServletInitializer

37. Which of the following acts as the front controller in Spring MVC Framework?

a)Spring Bean Classes

b)DispatcherServlet Class

c)Spring Views

d)SpringController Class

38. Which Initialization parameter is not used in Dispatcher Servlet?

a)contextClass

b)contextConfig

c)contextConfigLocation

d)namespace

39. By default,when the DispatcherServlet class is loaded,it loads the _____ from the XML file.

a)SpringApplicationContext

b)SpringDispatcher

c) SpringController

d) ApplicationContext

40. Which bean does not support Dispatcher Servlet?

a)HandlerMapping

b)ViewResolver

c)HandlerExceptionResolver

d)HandlerResolver

41. Interface for Dispatcher Servlet to auto detect view resolver beans.

a) localeResolver

b) tiles

c) ViewResolver

d) none of the mentioned

42. ViewResolver which maps each view name to an application's directory.

a) InternalViewResolver

b) InternalResourceViewResolver

- c) InternalResolver
- d) None of the mentioned

43. InternalResourceViewResolver resolves view names into view objects of type.

- a) JstlView**
- b) Jst Library
- c) View
- d) None of the mentioned

44. By default, XmlViewResolver loads view beans from /WEB-INF/views.xml which is final.

- a) True
- b) False**

45. View beans from a resource bundle is loaded by.

- a) ResourceBundleViewResolver**
- b) ResourceBundleView
- c) ResourceViewResolver
- d) None of the mentioned

46. Views that can't be resolved by InternalResourceViewResolver.

- a) redirect**
- b) redirect:prefix
- c) redirect:suffix
- d) all of the mentioned

47. Inspection of header is done by which of the following.

- a) InternalViewResolver
- b) ContentNegotiatingViewResolver**
- c) ContentNegotiating

d) InternalResolver

48. ContentNegotiatingViewResolver resolver configuration sets up the resolver to have the highest priority among all resolvers.

a) **True**

b) False

49. The ContentNegotiatingViewResolver resolver first determines the media type for a request based on which of the following criteria?

a) It checks a request path extension

b) If a request path has an extension but no match can be found in the default mediaTypes section of the ContentNegotiatingViewResolver bean

c) If no extension is present in a request path, the HTTP Accept header of the request is used

d) **All of the mentioned**

50. To configure the exception mappings in the web application context.

a) **SimpleMappingExceptionHandler**

b) ExceptionResolver

c) ExceptionViewResolver

d) None of the mentioned

51. Annotation for Controller Class.

a) @Before

b) **@Controller**

c) @After

d) @ExceptionHandler

52. Controller Class renders the objects passed by the controller's handler method.

a) **True**

b) False

53. import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import org.springframework.web.servlet.ModelAndView;

```
import org.springframework.web.servlet.mvc.AbstractController;

public class BigController extends AbstractController
{
    @Override
    protected ModelAndView handleRequestInternal(HttpServletRequest request,
        HttpServletResponse response) throws Exception
    {
        System.out.println("You're big!");
        return new ModelAndView("big");
    }
}
```

This above code creates a single-action controller with configurations regarding supported methods, session and caching can be specified in the bean declaration of the controller.

```
<bean name="/big" class="net.codejava.spring.BigController"
    <property name="supportedMethods" value="POST"/>
</bean>
```

This configuration supports which method that is supported by this controller handler method

- a) Only GET method
- b) Only POST method**
- c) Both a and b

54. After Controller has finished handling a render request, it returns:-

- a) model name
- b) view name
- c) view object
- d) all of the mentioned**

55. Method arguments that can be used in handler methods using the @RequestMapping annotation.

- a) HttpServletRequest or HttpServletResponse
- b) @RequestParam
- c) @ModelAttribute
- d) All of the mentioned**

56. The @RequestMapping annotation can be applied to the class level only.

- a) True
- b) False**

57. By default, @RequestMapping gets all the POST Requests.

- a) True
- b) False**

58. To configure the exception mappings in the web application context.

- a) ExceptionResolver
- b) ExceptionViewResolver
- c) SimpleMappingExceptionHandler**
- d) None of the mentioned

59. _____ is a specific type of component, used in MVC applications and mostly used with RequestMapping annotation.

- a) @Controller**
- b) @Component
- c) @Repository
- d) @Service

60. As per Spring 3.0 doc's has _____ controllers are in Spring MVC

- a) 2
- b) 10
- c) 4
- d) 20**

61. Which handler to use, when this handler mapping does not result in a matching handler.

- a. default Handler**
- b. HandlerExecutionChain
- c. DispatcherServlet
- d. BeanNameURLHandlerMapping

62. Handler Mapping is _____

a. an interface that defines a mapping between components

b. an interface that defines a mapping between requests and handler objects.

- c. an interface that defines a mapping between responses.
- d. an interface that defines a mapping between servlets.

63. BeanNameUrlHandlerMapping maps request URLs to

- a. beans with the different name.
- b. beans with the same name.**
- c. controller .
- d. component.

64. Defining a bean for BeanNameUrlHandlerMapping is not required

- a. true**
- b. false

65. SimpleUrlHandlerMapping

a. allows for direct and declarative mapping between either bean instances and URLs or between bean names and URLs.

b. Does not allow for direct and declarative mapping between bean instances and URLs but allows between bean names and URLs.

c. allows for direct and declarative mapping between bean instances and URLs but not between bean names and URLs.

d. Does not allow for direct and declarative mapping bean instances and URLs or between bean names and URLs.

66. To get the control over which mapping is used, the priorities are set using

- a. constructor .
- b. getOrder(int order) method.
- c. setOrder(int order) method**
- d. None

67. A handler will always be wrapped in a _____ instance

- a. Handler Mapping

- b. BeanNameURLHandlerMapping
- c. RequestMappingURLHandlerMapping
- d. HandlerExecutionChain**

68. HandlerExecutionChain throws

- a. java.io.*
- b. java.lang.object
- c. Java.util.*;
- d. java.lang.Exception**

69. If Spring can't find handler mapping, the DispatcherServlet will create

- a. _____ automatically.
- a. RequestMappingURLHandlerMapping
- b. HandlerExecutionChain
- c. BeanNameUrlHandlerMapping**
- d. DispatcherServlet.

70. Handler Mapping is an interface

- a. true**
- b. false

ANSWERS

- 1. a
- 2. a
- 3. a
- 4. a
- 5. d
- 6. d
- 7. c
- 8. d
- 9. b

10. d

11. d

12. c

13. b

14. b

15. c

16. b

17. c

18. c

19. a

20. b

21. d

22. a

23. a

24. d

25. a

26. a

27. b

28. d

29. a

30. a

31. c

32. a

33. c

34. c

35. a

36. c

37. b

38. b

39. a

40. d

41. c

42. b

43. a

44. b

45. a

46. a

47. b

48. a

49. d

50. a

51. b

52. a

53. b

54. d

55. d

56. b

57. b

58. c

59. a

60. d

61. a

62. b

63. b

64. a

65. a

66. c

67. d

68. d

69. c

70. a