**Servlets, JSP and Spring Core KBA Questions**

1. 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);)

1. 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.](javascript:void(0);)

1. A bean must have id attribute in beans configuration file.
   1. True
   2. False
2. How many types of injection methods are available in Spring
   1. One
   2. Two
   3. Three
   4. Four
3. Which is of the following is not the implementation class for ApplicationContext
   1. ClassPathXmlApplicationContext
   2. FileSystemXmlApplicationContext
   3. XmlWebApplicationContext
   4. BeanFactory
4. What is the default scope of bean object
   1. Request
   2. Singleton
   3. Session
   4. Global-session
5. Which method is used to gracefully shutdown all the bean processes after closing the spring container?
   1. shutdownHook
   2. destory method
   3. kill
   4. None of the above
6. Method used to process bean before initialization callback
   1. Scope
   2. postProcessAfterInitialization()
   3. postProcessBeforeInitialization()
   4. preInitialization()
7. Which spring module provides the capability of DI or IOC?
   1. Spring Web
   2. Spring Core
   3. Spring Test
   4. AOP
8. What are the different ways to configure a Spring application?
   1. XML Based
   2. Java Based
   3. Both of the Above
   4. None of the Above
9. How to use <ref> in spring framework?
   1. To refer the bean
   2. To write the string values
   3. To refer the property
   4. To refer the class
10. If constructors are overloaded in a bean class, then the constructor with more arguments are considered by default when referring from applicationContext
    1. True
    2. False
11. By default a bean is eagerly initialized in spring?
    1. True
    2. False
12. By default a bean is not autowired?
    1. True
    2. False
13. Which attribute specifies a JSP page that should process any exceptions thrown but not caught in the current page?
    1. ErrorPage
    2. IsErrorPage
    3. Exception
    4. None of the Above
14. In JSP Action tags which tags are used for bean development?
    1. <jsp:useBean>
    2. <jsp:setProperty>
    3. <jsp:getProperty>
    4. <jsp:bean>
15. JSPs eventually are compiled into Java servlets, you can do as much with JSPs as you can do with Java servlets.
    1. True
    2. False
16. The following is not Jsp implicit object
    1. Out
    2. Session
    3. Request
    4. Bean
17. What is the default value of autoflush value in page directive
    1. True
    2. False
    3. Null
    4. None of the above
18. Which of the following code is used to get an attribute in a HTTP Session object in servlets?
    1. session.getAttribute(String name)
    2. session.alterAttribute(String name)
    3. session.updateAttribute(String name)
    4. session.setAttribute(String name)
19. Which are the session tracking techniques?  
     i. URL rewriting  
     ii. Using session object  
     iii.Using response object  
     iv. Using hidden fields  
     v. Using cookies  
     vi. Using servlet object

a) i, ii, iii, vi  
b) i, ii, iv, v  
c) i, vi, iii, v  
d) i, ii, iii, v

22. which of the following is not a servlet life cycle method.

a. init()

b. service()

c. destroy()

d. initService()

23. A deployment descriptor describes about:

a. Web component requirement settings

b. Web component settings

c. Web component request and response settings

d. Web component response settings

24. The include method of RequestDispatcher will

a. Appends the request object to the current servlet

b. Send the resource to another servlet or jsp

c. Appends the output of another servlet or jsp

d. None of the Above

25. The getSession(true) will return the appropriate the session object when

a. The session is completed.

b. The session is not existing.

c. The previous session object expires

d. There is an existing session.