Spring Fundamentals Assessment

Date:24/04/2021

Time :30 mins.

Question: 1

What is the basic concept of Spring?

(A) Factory pattern

(B) Singleton pattern

**(C) Dependency injection or Inversion of control**

(D) Abstract factory pattern

Question: 2

Which spring module provides the capability of DI or IOC?

(A) Spring web

**(B) Core container**

(C) AOP

(D) Data access

Question: 3

What is Front controller pattern (explain concept) and how is it implemented in spring (Choose option)?

**(A) Dispatcher servlet**

(B) Web.xml

(C) Spring.xml

(D) Controller.java Any Spring controller used in MVC

Question: 4

What are beans in the concept of Spring or what are spring beans?

**(A) Controller classes**

(B) Service classes

(C) Repository

(D) Any class that is managed by the container.

Question: 5

How does spring achieve DI or IOC?

**(A) Service locator pattern**

(B) Factory pattern

(C) Abstract factory pattern

(D) Singleton pattern

Question: 6

What are stereo type annotations in Spring?

Types of Stereo type annotations:

@RestController

@Controller

@Service

@Repository

@Component

Question: 7

Which interface in spring is responsible for Instantiating and managing the so called Spring beans?

(A) Bean Factory

**(B) ApplicationContext**

(C) BeanDefenition

(D) BeanFactoryAware

Question: 8

What are the different ways to configure a Spring application?

**Xml file and @Configuration annotation**

Question:9

Which of the following is the default scope in Spring?

A.prototype

B.singleton

**C.request**

D.session

Question:10

Which of the following are spring modules?

1. Core module

2. Web module

3. Spring jar module

4. Test module

5. Spring Lightweight module

6. Data access module

A.1,2,3,4

B.1,2,5,6

**C.1,2,4,6**

D.All of the listed