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

(C)

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?

@Configuration annotation and Xml file

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