

# **Java J2EE Interview Questions and Answers Pdf**

## **Question: 1**

### **What J2EE?**

J2EE is a standard for building enterprise applications. It includes technologies for implementing business logic, database access, message exchange, transaction management, web requests processing and many other features.

The main approach of J2EE is separating presentation level from business logic(lightweight client applications) and business logic from data storage ( application level of n-tier architecture).

J2EE is an environment for developing and deploying applications.

The J2EE platform consists of a set of services, application programming interfaces (APIs) and protocols that provide the functionality for developing multitiered, web based applications.

## **Question: 2**

### **What is applet container?**

IManages the execution of applets.

Consists of a Web browser and Java Plugin running on the client together.

## **Question: 3**

### **What is Enterprise Java Beans (EJB) container?**

It manages the execution of enterprise beans for J2EE application.

Enterprise beans and their container run on the J2EE server.

## **Question: 4**

### **What is life cycle (J2EE component)?**

The framework events of a J2EE component's existence. Each type of component has defining events that mark its transition into states in which it has varying availability for use.

For example, servlet is created and has its init method called by its container before invocation of its service method by clients or other servlets that require its functionality.

The init and destroy methods in this example are callback methods.

**Similar considerations apply to the life cycle of all J2EE component types :**

Enterprise beans, Web components (servlets or JSP pages), applets and application clients.

Question: 5

## What is security view?

The set of security roles defined by the application assembler.

Question: 6

## What is Servlet?

A java program that extends the functionality of a Web server, generating dynamic content and interacting with Web applications using a request response paradigm.

Question: 7

## What is transaction?

An atomic unit of work that modifies data.

A transaction encloses one or more program statements, all of which either complete or roll back.

Transactions enable multiple users to access the same data concurrently.

Question: 8

## What is URI?

Uniform resource identifier. A globally unique identifier for an abstract or physical resource.

A URL is a kind of URI that specifies the retrieval protocol (http or https for Web applications) and physical location of a resource (host name and host relative path).

A URN is another type of URI.

Question: 9

## What is Web server provider?

A vendor that supplies a web server.

Question: 10

## Are JavaBeans J2EE components?

No. JavaBeans components are not considered J2EE component by the J2EE specification.

They are written to manage the data flow between an application client or applet and components running on the J2EE server or between server components and a database.

JavaBeans components written for the J2EE platform have instance variables and get and set methods for accessing the data in the instance variables.

JavaBeans components used in this way are typically simple in design and implementation, but should conform to the naming and design conventions outlined in the JavaBeans component architecture.