

Learning4help by Waqas

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Question # 5 of 10 (Start time: 08:16:50 PM, 26 July 2023) Total Marks: 1

MVC Modell architecture is highly desirable and suitable for complex applications.

Select the correct option

☐ False

☐ True

Question # 3 of 10 (Start time: 08:15:50 PM, 26 July 2023) Total Marks: 1

Normally web applications are partitioned into _____ logical layers.

Select the correct option

☐ Four

☒ Three

☐ Two

☐ One

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Click to Save Answer & Move to Next Question

Question # 2 of 10 (Start time: 08:14:57 PM, 26 July 2023) Total Marks: 1

In context of JSP custom tags, is it true that a "Tag with Body" must have one or more attributes?

Select the correct option

☒ False

☐ True

Question # 10 of 10 (Start time: 08:11:52 PM, 26 July 2023) Total Marks: 1

What is a JavaBean?

Select the correct option

☒ A framework for developing web applications in Java.

☐ A type of coffee available in Java.

☐ A built-in data type in Java for storing numerical values.

☐ A lightweight Java class that encapsulates data and behavior.

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Question # 8 of 10 (Start time: 08:10:07 PM, 26 July 2023) Total Marks: 1

The data layer in Java applications is responsible for:

Select the correct option

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☒ Storing and retrieving data from persistent storage

☐ Handling user input validation and error handling

☐ Presenting data to the user in a user-friendly format

☐ Handling user authentication and authorization

Click to Save Answer & Move to Next Question

In JSP, _____ is an implicit object, which belongs to ServletConfig class and represents the JSP configuration options:

Select the correct option

☒ Config

☐ PageContext

☐ Application

☐ Session

Question # 4 of 10 (Start time: 08:06:36 PM, 26 July 2023) Total Marks: 1

Which session tracking technique appends the session ID as a query parameter in the URL?

Select the correct option

☐ Database storage

☐ Cookies

☐ Hidden form fields

☒ URL rewriting

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Question # 2 of 10 (Start time: 08:04:48 PM, 26 July 2023) Total Marks: 1

What is the purpose of JSP?

Select the correct option

☐ To manage server configurations and deployments.

☒ To generate dynamic web content using Java code.

☐ To define the structure and styling of web pages.

☐ To handle client-side scripting in web applications.

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Click to Save Answer & Move to Next Question

A Java class that follows certain design conventions is called _____

Select the correct option

☒	JavaBean
☐	JSPBean
☐	ServletBean
☐	SwingBean

Question # 10 of 10 (Start time: 02:45:48 PM, 26 July 2023) Total Marks: 1

JSP forward action element is used to forward request to another resource.

Select the correct option

☒	True
☐	False

Question # 9 of 10 (Start time: 02:45:20 PM, 26 July 2023) Total Marks: 1

What is the correct syntax to create a Cookie object in Java?

Select the correct option

☐ Cookie myCookie = Cookie.createCookie();

☐ Cookie myCookie = new Cookie();

☐ Cookie myCookie = createCookie("name", "value");

☒ Cookie myCookie = new Cookie("name", "value");

Click to Save Answer & Move to Next Question

Question # 7 of 10 (Start time: 02:44:41 PM, 26 July 2023) Total Marks: 1

With Custom tags, it is possible for web page designers to use complex functionality without knowing any Java.

Select the correct option

☐ False

☒ True

Which of the following is the correct format of writing a page directive in JSP?

Select the correct option

- ☐ `<% page {attribute="val"} %>`
- ☐ `<# page {attribute="val"} %>`
- ☒ `<%@ page {attribute="val"} %>`
- ☐ `<#$ page {attribute="val"} %>`

In page-with-Bean (MVC Model) approach all the business logic goes into

Select the correct option

- ☐ JSPs
- ☐ Servlets
- ☒ JavaBeans
- ☐ JavaScript

Question # 2 of 10 (Start time: 02:40:49 PM, 26 July 2023) Total Marks: 1

Tag Library Descriptor (.tld) file is a simple text base document.

Select the correct option

☒ False

☐ True

Question # 1 of 10 (Start time: 02:40:18 PM, 26 July 2023) Total Marks: 1

Normally web applications are partitioned into _____ logical layers.

Select the correct option

☒ Three

☐ Two

☐ One

☐ Four

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Question # 10 of 10 (Start time: 02:34:27 PM, 26 July 2023) Total Marks: 1

What is a package in Java?

Select the correct option

☒ A folder or directory that organizes related classes and interfaces.

☐ A collection of methods for a specific task.

☐ A group of classes with similar functionality.

☐ A set of variables used in a program.

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Question # 8 of 10 (Start time: 02:31:48 PM, 26 July 2023) Total Marks: 1

What is URL rewriting in Java web applications?

Select the correct option

☐ Encoding special characters in URLs for secure communication.

☒ Manipulating URLs to maintain session state in web applications.

☐ Rewriting URLs to make them more user-friendly.

☐ Modifying the URL of a web page for search engine optimization.

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Click to Save Answer & Move to Next Question

Question # 7 of 10 (Start time: 02:30:07 PM, 26 July 2023) Total Marks: 1

Which design principle do JavaBeans adhere to?

Select the correct option

☒ Encapsulation

☐ Abstraction

☐ Polymorphism

☐ Inheritance

Click to Save Answer & Move to Next Question

Which of the following architecture introduces a controller?

Select the correct option

☐ MVC Model3

☒ MVC Model2

☐ MVC Model1

☐ MVC Model4

3-layer architecture consists of Presentation Layer, _____ Layer and Data Layer.

Select the correct option

- ☐ Application
- ☐ Client
- ☐ Server
- ☒ Business

Question # 2 of 10 (Start time: 02:26:35 PM, 26 July 2023) Total Marks: 1

What is the purpose of getter and setter methods in a JavaBean?

Select the correct option

- ☐ Getters and setters are used for internal calculations within the JavaBean.
- ☐ Getters and setters define the constructor parameters of a JavaBean.
- ☐ Getters and setters are not required in JavaBeans.
- ☒ Getters are used to retrieve data, and setters are used to modify data.

Click to Save Answer & Move to Next Question

Question # 9 of 10 (Start time: 12:42:02 PM, 26 July 2023) Total Marks: 1

By means of Page Directive, a JSP can be given the responsibility of an Error page.

Select the correct option

☐ False

☒ True

Question # 8 of 10 (Start time: 12:40:29 PM, 26 July 2023) Total Marks: 1

How does URL rewriting work in Java web applications?

Select the correct option

☒ Appending session ID as a query parameter to the URL.

☐ Replacing URL paths with user-friendly aliases.

☐ Modifying the URL in the client's browser using JavaScript.

☐ Storing session ID in cookies.

Click to Save Answer & Move to Next Question

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Question # 4 of 10 (Start time: 12:34:37 PM, 26 July 2023)

A separate controller is a part of which of the following approache?

Select the correct option

- ☒ MVC Model2
- ☐ MVC Model1
- ☐ Page-Centric approach
- ☐ MVC Model3

Question # 5 of 10 (Start time: 12:34:37 PM, 26 July 2023)

Which of the following techniques is not used for session tracking in web applications?

Select the correct option

- ☐ URL Rewriting
- ☒ Serialization
- ☐ Hidden form fields
- ☐ Cookies

Click to Save Answer & Move to Next Question

Question # 4 of 10 (Start time: 12:33:59 PM, 26 July 2023) Total Marks: 1

HttpServletResponse provides _____ methods to perform encoding in java.

Select the correct option

☐ One

☐ Three

☐ Four

☒ Two

Click to Save Answer & Move to Next Question

Question # 3 of 10 (Start time: 12:33:25 PM, 26 July 2023) Total Marks: 1

An error JSP is called by the web server when an uncaught exception gets occurred.

Select the correct option

☒ True

☐ False

The correct way to define a JSP forward action element is:

Select the correct option

- ☒ `<jsp:forward page = "one.jsp" />`
- ☐ `<jsp:forward page # "one.jsp" />`
- ☐ `<jsp:forward page $ "one.jsp" />`
- ☐ `<jsp:forward page @ "one.jsp" />`

Which of the following is the correct format of writing an include directive in JSP?

Select the correct option

- ☐ `<%# include {attribute="val"} %>`
- ☐ `<[%$ include {attribute="val"} %>`
- ☒ `<%@ include {attribute="val"} %>`
- ☐ `<%! include {attribute="val"} %>`

Which of the following tag/s can be constructed in JSP?

Select the correct option

- ☐ Tag with Attribute
- ☐ Simple Tag
- ☒ All of the given options
- ☐ Tag with Body

Which of the following choices is the best choice as a controller in MVC Model Architecture?

Select the correct option

- ☐ JSP
- ☐ Java
- ☐ JavaScript
- ☒ Servlet

HTML comments are _____ in browser and JSP comments are _____ in browser.

Select the correct option

- ☐ shown, shown
- ☐ hidden, hidden
- ☒ shown, hidden
- ☐ hidden, shown

Question # 7 of 10 (Start time: 12:23:06 PM, 26 July 2023) Total Marks: 1

The correct way to call an error page in JSP is:

Select the correct option

- ☒ `<%@page ... errorPage = "error.jsp"%>`
- ☐ `<%@page ... getErrorPage = "error.jsp"%>`
- ☐ `<%@page ... setErrorPage = "error.jsp"%>`
- ☐ `<%@page ... isErrorPage = "error.jsp"%>`

Question # 6 of 10 (Start time: 12:22:00 PM, 26 July 2023) Total Marks: 1

Is it true that Enterprise Applications need to support multiple types of users with multiple types of interfaces?

Select the correct option

☐ No

☒ Yes

Question # 5 of 10 (Start time: 12:21:30 PM, 26 July 2023) Total Marks: 1

Which keyword is used to declare a package in Java?

Select the correct option

☐ import

☒ package

☐ include

☐ namespace

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Question # 3 of 10 (Start time: 12:19:22 PM, 26 July 2023) Total Marks: 1

How does JSP differ from servlets?

Select the correct option

☒ JSP is executed on the server and generates dynamic content, while servlets handle requests and responses.

☐ JSP allows for a mixture of HTML and Java code, while servlets are purely Java code.

☐ JSP is used for client-side interactions, while servlets handle server-side operations.

☐ JSP is written in Java, while servlets are written in JavaScript.

Which one of the following JavaBean's scope attribute has local value?

Select the correct option

☒ Page

☐ Session

☐ Request

☐ Application

Which of the following information is required by the JSP container?

Select the correct option

- ☐ Tag name
- ☐ JSP version
- ☒ All of the given options
- ☐ Tag library version

Question # 9 of 10 (Start time: 01:13:31 AM, 26 July 2023) Total Marks: 1

The method "cookie.setMaxAge(12)" indicates that the cookie will expire after _____.

Select the correct option

- ☐ 12 Minutes
- ☐ 12 Hours
- ☒ 12 Seconds
- ☐ 12 Days

Question # 8 of 10 (Start time: 01:11:35 AM, 26 July 2023) Total Marks: 1

How do you set the maximum age of a Cookie object in Java?

Select the correct option

☐ myCookie.setExpiration(3600);

☒ myCookie.setMaxAge(3600);

☐ myCookie.setAge(3600);

☐ myCookie.setMaxAgeInSeconds(3600);

Find in page...

The correct way to define a JSP include action element is:

Select the correct option

☐ <jsp:include page @ "one.jsp" />

☐ <jsp:include page # "one.jsp" />

☒ <jsp:include page = "one.jsp" />

☐ <jsp:include page \$ "one.jsp" />

Which of the following is the correct format of writing a taglib directive in JSP?

Select the correct option

- ☐ `<% taglib {attribute="val"} %>`
- ☐ `<# taglib {attribute="val"} %>`
- ☐ `<%$ taglib {attribute="val"} %>`
- ☒ `<%@ taglib {attribute="val"} %>`

In the context of Session Tracking, states are maintained by the mutual cooperation of both client & _____

Select the correct option

- ☐ Customer
- ☒ Server
- ☐ User
- ☐ Browser

Which of the following is true about tag with body in JSP?

Select the correct option

- ☐ It has body enclosed within tag
- ☒ All of the given options
- ☐ It has may be attributes
- ☐ It has start and end of tag

Which of the following approach is also called page-with-bean approach.

Select the correct option

- ☐ MVC Model2
- ☒ MVC Model1
- ☐ MVC Model3
- ☐ Page-Centric approach

Question # 2 of 10 (Start time: 01:04:58 AM, 26 July 2023) Total Marks: 1

Which file extension is used for JSP files?

Select the correct option

☐ .js

☒ .jsp

☐ .html

☐ .java

Question # 1 of 10 (Start time: 01:03:14 AM, 26 July 2023) Total Marks: 1

Which of the following is the main idea behind partitioning a web application into layers?

Select the correct option

☒ Reduce Coupling

☐ Increase Decoupling

☐ Reduce Decoupling

☐ Increase Coupling