

Question 1:

Which JSTL core tag is used for conditional execution, similar to an if statement in programming languages?

- a) `<c:choose>`
- b) `<c:when>`
- c) `<c:if>`
- d) `<c:condition>`

Answer: c) `<c:if>`

Question 2:

What does the following JSTL core tag do?

```
<c:set var="username" value="JohnDoe" scope="session" />
```

- a) Retrieves the value "JohnDoe" from the session scope
- b) Sets the attribute "username" with value "JohnDoe" in session scope
- c) Declares a variable "username" only within the current page
- d) Removes the "username" attribute from all scopes

Answer: b) Sets the attribute "username" with value "JohnDoe" in session scope

Question 3:

Which JSTL core tag would you use to iterate over a collection, similar to a for-each loop?

- a) `<c:for>`
- b) `<c:forEach>`
- c) `<c:loop>`
- d) `<c:iterate>`

Answer: b) `<c:forEach>`

Question 4:

What is the correct syntax for importing the JSTL core library in a JSP page?

- a) `<%@ taglib prefix="jstl" uri="http://java.sun.com/jstl/core" %>`
- b) `<%@ taglib uri="jakarta.tags.core" prefix="c" %>`
- c) `<import taglib="jstl-core" />`
- d) `<%@ include prefix="c" file="jstl-core.tld" %>`

Answer: b) `<%@ taglib uri="jakarta.tags.core" prefix="c" %>`

Question 5:

Which of the following correctly demonstrates URL redirection using JSTL core?

- a) `<c:redirect page="home.jsp" />`

- b) `<c:go url="home.jsp" />`
- c) `<c:forward page="home.jsp" />`
- d) `<c:link href="home.jsp" />`

Answer: a) `<c:redirect page="home.jsp" />`