

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" />