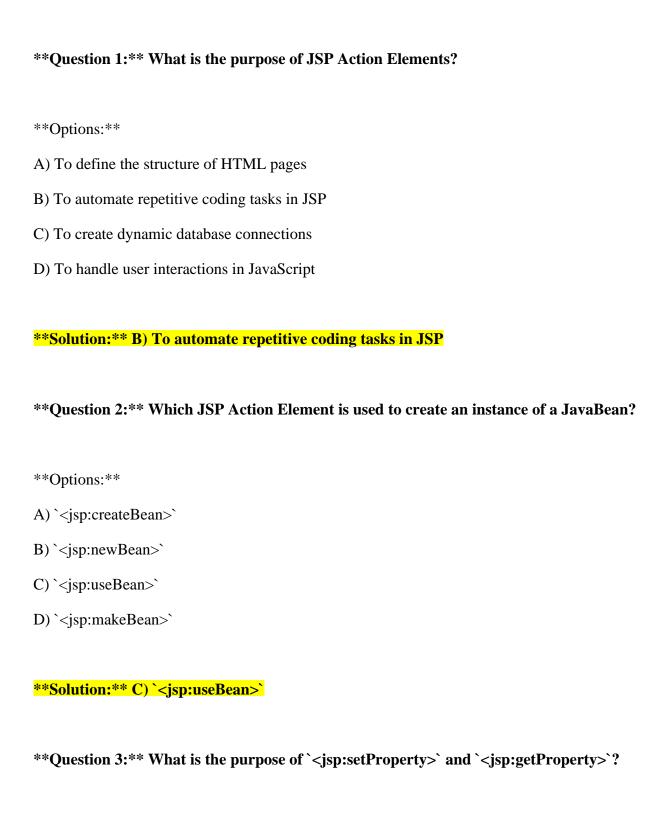# 37 Lecture - CS506

Important Mcqs

Certainly, here are 10 multiple-choice questions (MCQs) related to JSP Action Elements and Scope, along with their solutions and multiple options:

Question 1: What is the purpose of JSP Action Elements?

Options:

A) To define the structure of HTML pages

B) To automate repetitive coding tasks in JSP

C) To create dynamic database connections

D) To handle user interactions in JavaScript

Solution: B) To automate repetitive coding tasks in JSP

Question 2: Which JSP Action Element is used to create an instance of a JavaBean?

Options:

A) `<jsp:createBean>`

B) `<jsp:newBean>`

C) `<jsp:useBean>`

D) `<jsp:makeBean>`

Solution: C) `<jsp:useBean>`

Question 3: What is the purpose of `<jsp:setProperty>` and `<jsp:getProperty>`?

Options:

A) Creating new JavaBeans

B) Setting and getting JavaBean properties

C) Embedding JavaScript code in JSP

D) Modifying HTML attributes

Solution: B) Setting and getting JavaBean properties

Question 4: Which scope in JSP is limited to a single page and its included pages?

Options:

A) Request scope

B) Session scope

C) Page scope

D) Application scope

Solution: C) Page scope

Question 5: In JSP, what is the default scope of a JavaBean declared using `<jsp:useBean>`?

Options:

A) Page scope

B) Request scope

C) Session scope

D) Application scope

Solution: B) Request scope

Question 6: Which scope in JSP lasts as long as the user's session is active?

Options:

A) Request scope

B) Session scope

C) Page scope

D) Application scope

Question 7: What is the purpose of the `<jsp:include>` action element?

Options:

A) To import external JavaScript files

B) To include external CSS styles

C) To include the content of another resource in the JSP page

D) To define a custom JSP tag

Question 8: What is the purpose of the `<jsp:forward>` action element?

Options:

A) To redirect the user to another URL

B) To reload the current JSP page

C) To include external JavaScript files

D) To include external CSS styles

Question 9: Which action element is used to remove a JavaBean from its scope?

Options:

A) `<jsp:removeBean>`

B) `<jsp:discardBean>`

C) `<jsp:deleteBean>`

D) `<jsp:invalidateBean>`

Solution: A) `<jsp:removeBean>`

Question 10: Which scope in JSP is shared among all users of an application?

Options:

A) Request scope

B) Session scope

C) Page scope

D) Application scope

Solution: D) Application scope