

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

****Solution:** B) Session 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

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

****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

****Solution:** A) To redirect the user to another URL**

****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