

# 44 Lecture - CS506

## Important Mcqs

Sure, here are 10 multiple-choice questions related to Client Side Validation & JavaServer Faces (JSF), along with their solutions and multiple options:

**\*\*Question 1: What is the primary benefit of Client Side Validation in web forms?\*\*\***

- A) Reducing server load.
- B) Enhancing server-side security.
- C) Simplifying server-side scripting.
- D) Improving database performance.

**\*\*Solution: A) Reducing server load.\*\***

**\*\*Question 2: Which of the following is an example of Client Side Validation?\*\*\***

- A) Checking data integrity in the database.
- B) Validating data on the server after submission.
- C) Verifying user input in the browser before submission.
- D) Ensuring secure communication between client and server.

**\*\*Solution: C) Verifying user input in the browser before submission.\*\***

**\*\*Question 3: What is JavaServer Faces (JSF)?\*\*\***

- A) A scripting language.
- B) A server-side scripting framework.
- C) A client-side scripting framework.
- D) A Java web application framework.

**\*\*Solution: D) A Java web application framework.\*\***

**\*\*Question 4: What is the role of JSF in web development?\***

- A) Handling client-side scripting.
- B) Focusing on server-side security.
- C) Simplifying UI development with reusable components.
- D) Providing database management features.

**\*\*Solution: C) Simplifying UI development with reusable components.\*\***

**\*\*Question 5: Which of these components is commonly used in JSF to capture user input?\***

- A) <inputText>
- B) <userInput>
- C) <form:input>
- D) <jsf:inputText>

**\*\*Solution: A) <inputText>.\***

**\*\*Question 6: How does JSF facilitate reusability in UI components?\***

- A) By embedding Java code directly in web pages.
- B) By providing client-side scripting libraries.
- C) Through templating and component libraries.
- D) By enabling direct database connections.

**\*\*Solution: C) Through templating and component libraries.\*\***

**\*\*Question 7: Which JSF feature ensures that the application retains the state of components between requests?\***

- A) Session Management

- B) State Management
- C) Component Lifecycle
- D) Event Handling

**\*\*Solution: B) State Management.\*\***

**\*\*Question 8: How does JSF handle validation of user input?\***

- A) Exclusively on the client side.
- B) Exclusively on the server side.
- C) Through a combination of client-side and server-side validation.
- D) By using external validation frameworks only.

**\*\*Solution: C) Through a combination of client-side and server-side validation.\*\***

**\*\*Question 9: What is the default rendering technology used by JSF for generating HTML output?\***

- A) JSP (JavaServer Pages)
- B) Servlets
- C) XML
- D) JSON

**\*\*Solution: A) JSP (JavaServer Pages).\*\***

**\*\*Question 10: What is the purpose of Managed Beans in JSF?\***

- A) Handling client-side scripting.
- B) Encapsulating business logic and data.
- C) Managing database connections.
- D) Defining UI components.

**\*\*Solution: B) Encapsulating business logic and data.\*\***