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 primai	y benefit of Cli	ent Side Valid	ation 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></inputtext>
B) <userinput></userinput>
C) <form:input></form:input>
D) <jsf:inputtext></jsf:inputtext>
Solution: A) <inputtext>.</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
ψψC - L-4' D) C4-4- N#
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.