36 Lecture - CS506

Important Mcqs

Sure, here are 10 multiple-choice questions (MCQs) related to JavaServer Pages (JSP), along with their solutions and multiple options:

Question 1: What does JSP stand for?

Options:

A) Java Script Pages

B) Java Server Pages

- C) JavaScript Programming
- D) Java System Pages

Solution: B) Java Server Pages

Question 2: Which technology is commonly used in conjunction with JSP for dynamic web content creation?

Options:

A) Python

B) CSS

- C) Java
- D) C#

Solution: C) Java

Question 3: What is the file extension used for JSP files?

Options:

- A) .jspf
- B) .js
- C) .jsp
- D) .java

Solution: C) .jsp

Question 4: What is the purpose of JSP directives?

Options:

- A) To define HTML structure
- B) To import Java classes
- C) To design CSS styles
- D) To create database connections

Solution: B) To import Java classes

Question 5: How does JSP differ from Java Servlets?

Options:

- A) JSP is used for client-side scripting only.
- B) Java Servlets allow embedding Java code in HTML.
- C) Java Servlets focus on design elements.
- D) JSP cannot handle form submissions.

Solution: B) Java Servlets allow embedding Java code in HTML.

Question 6: Which JSP element is used to embed Java code within JSP pages?

Options:

A) ``

B)`

C)`<% %>`

D)``

Solution: C) `<% %>`

Question 7: What is the primary purpose of JSP expression language?

Options:

- A) To execute Java programs
- B) To define Java classes
- C) To manage database connections
- D) To simplify embedding Java expressions in HTML

Solution: D) To simplify embedding Java expressions in HTML

Question 8: How is a JSP page executed by the server?

Options:

- A) It is translated into a Java applet
- B) It is compiled into machine code
- C) It is translated into a servlet and then executed
- D) It is interpreted by the client's browser

Solution: C) It is translated into a servlet and then executed

Question 9: Which JSP tag is used to declare variables?

Options:

A) ``

- B) ``
- C) ``
- D) ``

Solution: C)``

Question 10: In the MVC (Model-View-Controller) architecture, what role does JSP typically play?

Options:

- A) Handling server-side logic
- B) Managing databases
- C) Focusing on user interface design
- D) Controlling user inputs

Solution: C) Focusing on user interface design