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