

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) .jspx
- 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