33 Lecture - CS506

Important Mcqs

Certainly, here are 10 multiple-choice questions (MCQs) related to the Address Book Case Study using servlets, along with their solutions and multiple options:

******Question 1:** In the Address Book Case Study using servlets, what is the main purpose of the web application?

Options:

- A) Managing user authentication
- B) Sending emails to contacts
- C) Managing and organizing contact information
- D) Providing weather forecasts

Solution: C) Managing and organizing contact information

******Question 2:** Which servlet method is commonly used to handle the retrieval of contact information from the address book?

Options:

A) `doGet()`

- B) `doPost()`
- C) `doPut()`
- D) `doDelete()`

Solution: A) `doGet()`

Options:

- A) Displaying advertisements
- B) Creating web pages
- C) Handling HTTP requests and responses
- D) Generating PDF documents

Solution: C) Handling HTTP requests and responses

******Question 4:** Which HTTP method is typically used to add new contact information in the Address Book Case Study?

Options:

A) GET

B) POST

C) PUT

D) DELETE

Solution: B) POST

******Question 5:** What does the ''Address Book Case Study'' primarily demonstrate in terms of servlet usage?

Options:

- A) Advanced encryption techniques
- B) Servlet container configuration
- C) Practical application of servlet concepts
- D) Real-time stock market updates

Solution: C) Practical application of servlet concepts

******Question 6:** How can servlets facilitate updating contact information in the Address Book Case Study?

Options:

- A) By sending SMS notifications
- B) By triggering server backups
- C) By managing database connections
- D) By handling form submissions and database updates

Solution: D) By handling form submissions and database updates

******Question 7:** What does the ''Address Book Case Study'' demonstrate about servlets and databases?

Options:

- A) Servlets cannot interact with databases
- B) Servlets can only read data from databases
- C) Servlets can perform database operations like CRUD
- D) Servlets can only connect to external APIs

Solution: C) Servlets can perform database operations like CRUD

****Question 8:**** Which HTTP method might be used in the Address Book Case Study to update existing contact information?

Options:

A) GET

B) POST

C) PUT

Solution: C) PUT

******Question 9:** How does the Address Book Case Study showcase the importance of servlets in web development?

Options:

- A) By demonstrating complex algorithm implementations
- B) By creating graphical user interfaces
- C) By efficiently handling user interactions and data management
- D) By focusing solely on server-side scripting

Solution: C) By efficiently handling user interactions and data management

****Question 10:**** What role do HTML forms typically play in the Address Book Case Study using servlets?

Options:

- A) Displaying contact information
- B) Sending emails to contacts
- C) Capturing user inputs for various operations
- D) Providing weather forecasts

Solution: C) Capturing user inputs for various operations