

# 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()``

**\*\*Question 3:\*\*** What is the primary role of a servlet in the Address Book Case Study?

**\*\*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

D) DELETE

**\*\*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**