

# 32 Lecture - CS506

## Important Subjective

Certainly, here are 10 short-answer questions related to advanced session tracking techniques, including cookies, URL rewriting, and hidden form fields, along with their answers:

**\*\*Question 1:\*\*** What is URL rewriting in session tracking?

**\*\*Answer:\*\*** URL rewriting involves appending session-related data as parameters to URLs. This enables maintaining session continuity even if cookies are disabled.

**\*\*Question 2:\*\*** How do hidden form fields contribute to session tracking?

**\*\*Answer:\*\*** Hidden form fields embed session-related data within HTML forms, allowing the data to be passed between pages when forms are submitted.

**\*\*Question 3:\*\*** What is the primary advantage of using cookies for session tracking?

**\*\*Answer:\*\*** Cookies provide seamless session tracking as they can store session IDs on the client's browser, making subsequent requests easily identifiable.

**\*\*Question 4:\*\*** How does URL rewriting differ from cookies in session tracking?

**\*\*Answer:\*\*** URL rewriting adds session information to URLs, while cookies store session information on the client's browser, making it available for subsequent requests.

**\*\*Question 5:\*\*** Why is session hijacking a concern in session tracking?

**\*\*Answer:\*\*** Session hijacking occurs when an attacker gains unauthorized access to a user's session. Proper security measures are essential to prevent this.

**\*\*Question 6:\*\*** What is the purpose of using hidden form fields for session tracking?

**\*\*Answer:\*\*** Hidden form fields allow the exchange of session-related data between web pages when users submit forms, maintaining session continuity.

**\*\*Question 7:\*\*** What is the significance of the session timeout in session tracking?

**\*\*Answer:\*\*** The session timeout defines the duration a session remains active without user activity. It enhances security and resource management.

**\*\*Question 8:\*\*** How can you ensure secure session tracking?

**\*\*Answer:\*\*** Secure session tracking involves using secure cookies, implementing HTTPS, and validating user input to prevent session-related vulnerabilities.

**\*\*Question 9:\*\*** How do session cookies differ from persistent cookies?

**\*\*Answer:\*\*** Session cookies are temporary and expire when the browser is closed, while persistent cookies are stored for a longer duration, even after the browser is closed.

**\*\*Question 10:\*\*** How does client-side storage of cookies contribute to session tracking?

**\*\*Answer:\*\*** Client-side storage of cookies allows the browser to retain session information, making it available for subsequent requests and interactions with the web application.