JSP – Java Interview Questions

1. What are the life-cycle methods for a jsp?

Methods	Description
public void jspInit()	It is invoked only once, same as init method o
public void _jspService(ServletRequest request,ServletResponse)throws ServletException,IOException	It is invoked at each request, same as servic method of servlet.
public void jspDestroy()	It is invoked only once, same as destroy() me servlet.

2. What are the JSP implicit objects?

JSP provides 9 implicit objects by default. They are as follows:

Object	Type
1) out	JspWriter
2) request	HttpServletRequest
3) response	HttpServletResponse
4) config	ServletConfig
5) session	HttpSession
6) application	ServletContext
7) pageContext	PageContext
8) page	Object
9) exception	Throwable

3. What are the differences between include directive and include action?

include directive	include action
The include directive includes the content at page translation time.	The include action includes the content at request time.

The include directive includes the original content of the page so page size increases at runtime.	The include action doesn't include the original content rather invokes the include() method of Vendor provided class.
It's better for static pages.	It's better for dynamic pages.

4. How to disable caching on back button of the browser?

```
<%
response.setHeader("Cache-Control","no-store");
response.setHeader("Pragma","no-cache");
response.setHeader ("Expires", "0");            //prevents caching at the proxy server
%>
```

5. What are the different tags provided in JSTL?

There are 5 type of JSTL tags.

1. core tags
2. sql tags
3. xml tags
4. internationalization tags
5. functions tags

6. How to disable session in JSP?

1. <%@ page session="false" %>

7. How to delete a Cookie in a JSP?

The following code explains how to delete a Cookie in a JSP :

```
Cookie mycook = new Cookie("name1","value1");


response.addCookie(mycook1);


Cookie killmycook = new Cookie("mycook1","value1");


killmycook . set MaxAge ( 0 );


killmycook . set Path ("/");


killmycook . addCookie ( killmycook 1 );
```

8. Explain the jspDestroy() method.

jspDestry() method is invoked from **javax.servlet.jsp.JspPage** interface whenever a JSP page is about to be destroyed. Servlets destroy methods can be easily overridden to perform cleanup, like when closing a database connection.

9. How is JSP better than Servlet technology?

JSP is a technology on the server's side to make content generation simple. They are document-centric, whereas servlets are programs. A Java server page can contain fragments of Java program, which execute and instantiate Java classes. However, they occur inside an HTML template file. It provides the framework for the development of a Web Application.

10. Why should we not configure JSP standard tags in web.xml?

We don't need to configure JSP standard tags in web.xml because when container loads the web application and find TLD files, it automatically configures them to be used directly in the application JSP pages. We just need to include it in the JSP page using taglib directive.

11. How will you use JSP EL in order to get the HTTP method name?

Using pageContext JSP EL implicit object you can get the request object reference and make use of the dot operator to retrieve the HTTP method name in the JSP page. The JSP EL code for this purpose will look like ${pageContext.request.method}.