

1) page1.jsp is having some context elements, If control is forwarded from page1.jsp to page2.jsp then Is it possible to get data in page2.jsp?

a. yes, but in some condition not

b .No, but in some condition yes

**c. yes (Not sure)**

d. No

2)Which attribute is used for request before the servlet is invoked??

Servlet Request

HttpSessionListner

Servlet Context

**HttpSessionBinding Listner**

3)Which is true?

a. Jsp is faster than HTML

**b. Jsp is first compile on server and then server send the plain html to client browser.**

b. Jsp must contain java code

**c. Jsp can be plain html.**

4)Which of the following can store Attributes (choose 3)

**a.ServletContext**

**b.HttpServletRequest**

**c.HttpSession**

d.ServletResponse

5). Method getWriter of HttpServletResponse returns an object of ..... type(Radio button)

a.ServletInputStream

**b.Printwriter**

c.ServletOutputStream

d.HttpServletResponse

6) If request is HttpServletRequest, which snippet executes the session if one doesnt exist(choose two)

**a.request.getSession(true);**

b.request.getSession();

c.request.getSession(False);

**d.request.getSession();**

7) . Which of the following not implemented by the RequestDispatcher Interface(Choose two)

a.Forward

b.include

**c.dispatch**

**d.Redirect**

8) In the session no attribute with name "att" is not declared then what is the value of the \${true and arr[2]} (don't know the answer)

a. false

**b. gives exception**

c. true

9) <c:if has which command?

- a) expr
- b) test**
- c) check
- d) cond

10) how to send cookie as part of response?

- a) response.addcookie(new cookie("smethng", "smethng"));**
- b) response.setcookie(new cookie("smethng", "smethng"));
- 3) response.set(new cookie("smethng", "smethng"));

11) your servlet class extends?

- a) servlet
- b) generic servlet
- c) http servlet**

12) which listener is used to act before the page is loaded when the request is sent

- a) httpServletRequestListener**
- b) HttpSessionBinding
- c) HttpSessionListener

13) which is used for switching function?

- a) <c: when** (not sure)
- b) <c: if
- c) <c: foreach
- d) <c: blah

14) choose two which are true (Please confirm this)

- a) a servlet can alone handle requests without jsp**
- b) a jsp can alone handle requests without servlet
- c) a servlet needs jsp to handle client requests
- d) a jsp needs servlet to handle client requests**

15) which http method is used to send partial response

- a) get**
- b) post
- c) trace
- d) none

16) retrieving the value of address using param key word in EL

- a) \${param.address}**

17) what is the output for below code:

```
<c:fortoken items="a,b,c,d,e" delims="," begin="0" end="4" step="2" var="alphabet">  
<c:out value=${alphabet}>
```

- a. a,b,c
- b. b,d** (not sure)
- c. a,c,e
- d. c,d,e

18) How you can set session timeout for 2 minutes??

- a. `<session-timeout>2</session-timeout>`
- b. `Session.setMaxInactiveSession(120);`

19) which method is overridden?(its like radio button for me)

- a.jspinit()
- b.jspdestroy()
- c.\_jspservice()
- d.none

20) True or false  $\{8/0\}=\text{infinity}$     **Ans:true**

21) import as page derivative in jsp?

- a. java class and package
- b. jsp
- c. any of the listed option
- d. html

22) ) which http method is used by the server to show the client what information has been received?

- a)put
- b)get
- c) options
- d)trace

23) which is not attribute of directives?

- a) isScriptingEnabled
- b)language
- c)session

24) ) How to access the variables fort in variable name using EL

- a) `${name["fort"]}`
- b) `${name.fort}`

25)Given that request is an **HttpServletRequest**, which snippets create a session if one doesn't exist? (Choose all that apply.) (right)

- a. `request.getSession();`
- b. `request.getSession(true);`
- c. `request.getSession(false);`
- d. `request.geNewtSession();`

26)How will you retrieve the first value of request parameter "fname"? (Choose all options that apply) (right)

- a. `${param.fname}`
- b. `${requestParams.fname}`
- c. `${requestScope.fname}`
- d. `${paramValues.fname[0]}`

27)How will you access a servlet context initialization parameter named "company-name"? (right)

- a. `${init.company-name}`
  - b. `${init['company-name']}`
  - c. `${initParam["company-name"]}`
  - d. `${contextParam.company-name}`
-

1. How would you retrieve the value of a header named **"User-Agent"**?(right)
  - a. `String header =request.getRequestHeader("User-Agent");`
  - b. `String header = request.getHeader("User-Agent");`
  - c. `String header = request.getIntHeader("User-Agent");`
  - d. `String header = request.getAttribute("User-Agent")`
2. The method **getWriter()** of **HttpServletResponse** returns an object of type \_\_\_\_\_(right)
  - a. `HttpServletResponse`
  - b. `ServletOutputStream`
  - c. `ServletInputStream`
  - d. `PrintWriter`
3. Which of the following methods are not implemented by the **RequestDispatcher** interface? (right)
  - a. `dispatch()`
  - b. `redirect()`
  - c. `forward()`
  - d. `include()`
4. What is the return type of **getAttribute()** method of **HttpServletRequest**? (right)
  - a. `Object`
  - b. `String`
  - c. `Attribute`
  - d. None of the above
5. Which statements about session timeouts are true? (Choose all that apply.) (right)
  - a. Session timeout declarations made in the DD (web.xml) can specify time in seconds.
  - b. Session timeout declarations made in the DD (web.xml) can specify time in minutes.
  - c. Session timeout declarations made programmatically can specify time only in seconds.
  - d. Session timeout declarations made programmatically can specify time either in minutes or seconds.
6. If there are more than one text box with the same name in a form, then how will you retrieve the first value of the text box? (choose all possible options) (right)
  - a. `request.getParameter("textBoxName");`
  - b. `request.getParameterValues("textBoxName")[0];`
  - c. `request.getHeader("textBoxName");`
  - d. `request.getAttribute("textBoxName");`
7. Consider the following servlet code segment:  
**HttpSession session = request.getSession(true);**  
**session.setAttribute("name", "Cognizant");**  
**session.setMaxInactiveInterval(0);**  
**if (session.isNew()) {**

```
System.out.println(session.getAttribute("name"));
} else { System.out.println(session.isNew());
}
```

What is the output of the above code segment ? (right)

- a. Displays "Cognizant" always
- b. Displays "false" always
- c. Depends on whether the session is newly created or not
- d. None of the above

8. Which of the following are valid inorder to set the session timeout period as 2 minutes? (right)

- a. `<session-timeout>2</session-timeout>`
- b. `<session-timeout>120</session-timeout>`
- c. `session.setMaxInactiveInterval(2);`
- d. `session.setMaxInactiveInterval(120);`

9. How will you send a cookie as response? Which sets a cookie "name" with the value "Cognizant" in a Servlet(right)

- a. `response.setCookie("name", "Cognizant");`
- b. `response.sendCookie("name", "Cognizant");`
- c. `response.addCookie(new Cookie("name", "Cognizant"));`
- d. `response.setCookie(new Cookie("name", "Cognizant"));`

10. Which of the following are used to retrieve the value associated to the parameter name provided within the `<init-param>` tag? (right)

- a. `getServletContext().getInitParameter(paramName);`
- b. `getServletConfig().getInitParameter(paramName);`
- c. `getServletContext().getParameter(paramName);`
- d. `getServletConfig().getParameter(paramName);`

11. Which of the following are true? (right)

- a. ServletConfig is one per servlet
- b. ServletConfig is one per web application
- c. ServletContext is one per servlet
- d. ServletContext is one per application

12. Which of the following are true?

- a. Context initialization parameters can be declared using `<init-param>`
- b. `<servlet-mapping>` is a sub-element of `<servlet>`
- c. `<load-on-startup>` is a sub-element of `<servlet>`
- d. `<servlet-name>` is a sub-element of both `<servlet>` and `<servlet-mapping>`

13. Which of the following can store attributes?

- a. ServletResponse
- b. HttpServletRequest
- c. ServletContext
- d. HttpSession

14. Which **HTTP** methods are used to show the client what the server is receiving? (right)

- a. GET
- b. PUT
- c. TRACE
- d. OPTIONS

15. When declaring a listener in the DD, Which sub-elements of the <listener> element are required? (Choose all that apply.) (right)

- a. <listener-name>
- b. <listener-type>
- c. <listener-class>
- d. <listener-classname>

16. Given that request is an **HttpServletRequest**, which snippets create a session if one doesn't exist? (Choose all that apply.) (right)

- a. request.getSession();
- b. request.getSession(true);
- c. request.getSession(false);
- d. request.geNewtSession();

17. If a servlet is invoked using the **forward()** or **include()** method of **RequestDispatcher**, which methods of the servlet's request object can access that request attributes set by the container? (Choose all that apply.) (right)

- a. getCookies()
- b. getAttribute()
- c. getRequestPath()
- d. getRequestAttribute()

18. You need to store a java long primitive attribute, called **customerOID**, into the session scope. Which two code snippets all you to insert this value into the session? (Choose two.) (right)

a.

long customerOID=45L;  
session.setAttribute("customerOID",new Long(customerOID));

b.

long customerOID=45L;

```
session.setAttribute("customerOID",customerOID);
```

c.

```
long customerOID=45L;
```

```
session.setNumericAttribute("customerOID",new Long(customerOID));
```

d.

```
long customerOID=45L;
```

```
session.setLongAttribute("customerOID",customerOID);
```

19.

```
<%! int a=6; %>
```

```
<% int a=5; %>
```

```
<% int b=3; %>
```

```
Result is <%= a*b %>
```

What is the result of the above code segment? (right)

a. Compilation error

b. Will display 18

c. Will display 15

d. None of the above

20. Which of the following are valid?

a. <% = 2\*3 %>

b. <%= (8\*3) %>

c. <%= 3>5 %>

d. <%= int a=3; %>

21. Which of the following attributes of page directive are invalid? (right)

a. isELIgnored

b. session

c. language

d. isScriptingEnabled

22. Which of the following is used to import a class in a JSP file? (right)

a. <% page import = " java.util.List" %>

b. <%@ import file="java.util.List" %>

c. <%@ import java.util.List %>

d. None of the above

23. Which of the following describes the JSP life cycle process best?

a. JSP page is translated to a servlet, servlet is loaded into memory, code is compiled, instance is created

b. JSP page is translated to a servlet, code is compiled, servlet is loaded into memory, instance is created.

c. JSP is compiled, JSP page is translated to a servlet, code is loaded, instance is created.

d. JSP is loaded into memory, Code is compiled, instance is created.

24. Which of the following are JSP implicit objects?

a. `pageContext`

b. `application`

c. `requestScope`

d. `exception`

25. Which of the following are valid? (right)

a. `<jsp:include page="Header.jsp"/>`

b. `<jsp:include file="Header.jsp"/>`

c. `<%@include file="Header.jsp"%>`

d. `<%@include page="Header.jsp"%>`

26. Assume a class named Employee which has a property called **"empld"** which is of type int. **"employee"** is an attribute instance of Employee. Which of the following are legal ways of setting the **empld** field to Also assume that there is a parameter called **"empld"** with the value 10 available to the jsp as a request parameter? (right)

a. `<jsp:setProperty name="employee" property="empld"/>`

b. `<jsp:setProperty property="empld" value="10"/>`

c. `<jsp:setProperty name="employee" property="*/>`

d. `<jsp:setProperty name="employee" property="empld" param="empld"/>`

27. How will you retrieve the first value of request parameter "fname"? (Choose all options that apply) (right)

a. `${param.fname}`

b. `${requestParams.fname}`

c. `${requestScope.fname}`

d. `${paramValues.fname[0]}`

28. How will you access a servlet context initialization parameter named "company-name"? (right)

a. `${init.company-name}`

b. `${init['company-name']}`

c. `${initParam["company-name"]}`

d. `${contextParam.company-name}`

29. Consider the following servlet code segment:

```
Map map = new HashMap();
map.put("a", "1");
map.put("b", "2");
map.put("c", "3");
map.put("d", "4");
request.setAttribute("map", map);
String[] names = {"a", "b", "c", "d"};
request.setAttribute("names", names);
```



What does `${map[names[0]]}` return?

- a. a
- b. Nothing will be displayed
- c. 1 (not sure)
- d. None of the above

30. Which of the following EL implicit objects is not a Map?

- a. requestScope
- b. initParam
- c. headerValues
- d. pageContext

31.

```
<pref:tag1>
<%= result %>
</pref:tag1>
```

Which of the following are valid for the `<body-content>` tag of `tag1`?

- a. JSP
- b. empty
- c. scriptless
- d. tag dependant

32. Using `c` to represent the JSTL library, which of the following produces the same result as `<%= var %>`? (Select one)

- a. `<c:var out=${var}>`
- b. `<c:out value=${var}>`
- c. `<c:out var="var">`
- d. `<c:expr value=var>`

33. Which attribute of `<c:if>` specifies the conditional expression? (Select one).

- a. cond
- b. check
- c. expr
- d. test

34. Which JSTL code snippet can be used to perform URL rewriting?

- a. `<a href='<c:url url="cognizant.jsp"/>'>`
- b. `<a href='<c:link url="cognizant.jsp"/>'>`
- c. `<a href='<c:url value="cognizant.jsp"/>'>`
- d. `<a href='<c:link value="cognizant.jsp"/>'>`

35. Which is the most efficient way of ensuring thread safety for session attributes which are being set and accessed in a servlet? (not sure)

- a. Synchronize on the `doGet()` or `doPost()` method of the servlet

- b. Make the Servlet implement SingleThreadModel
- c. Synchronize on the HttpSession object
- d. Display a message on every web page instructing the user not to open a new browser window.

36. Which of the following are true?

- a. Making a servlet extend ThreadSafeServlet can ensure thread safety for all attributes et in the servlet
- b. Local variables are thread safe
- c. Servlet class instance variables are thread safe
- d. Context attributes can be set in the deployment descriptor

37. Which of the following listeners are invoked when a session is created?

- a. HttpSessionBindingListener
- b. HttpListener
- c. HttpSessionListener
- d. HttpSessionAttributeListener

38. How many times is the **init()** method called during the life of the servlet ?

- a. Only once

- b. Once for every request
- c. None if the init() method is over-ridden
- d. None

43. In Expression Language `#{8 / 0}` – displays Infinity (state true/false)

- a. True
- b. False

44. **POST** method is considered to be idempotent method (state true/false)

- c. True
- d. False

45. You need to identify the browser type from which client request is forwarded and perform action before further processing takes place in business logic. Which is the best way to achieve this?

- a. Use a filter class (Intercepting filter pattern)
  - b. Use multiple if-else conditions in your business logic
  - c. Use Business Delegate pattern
  - d. Use composite view pattern
-