1. Which of the following is legal JSP syntax to print the value of i. Select the one

correct

answer

A. <%int i = 1;%>

<%= i; %>

B. <%int i = 1;

i; %>

C. <%int i = 1%>

<%= i %>

D. <%int i = 1;%>

<%= i %>

E. <%int i = 1%>

<%= i; %>

Ans:D

2. A JSP page called test.jsp is passed a parameter name in the URL using

http://localhost/test.jsp?name="John". The test.jsp contains the

following code.

<%! String myName=request.getParameter();%>

<% String test= "welcome" + myName; %>

<%= test%>

A. The program prints "Welcome John"

B. The program gives a syntax error because of the statement

<%! String myName=request.getParameter();%>

C. The program gives a syntax error because of the statement

<% String test= "welcome" + myName; %>

D. The program gives a syntax error because of the statement

<%= test%>

Ans:B

3. Which of the following correctly represents the following JSP statement. Select

the one

correct answer.

<%=x%>

A. <jsp:expression=x/>

B. <jsp:expression>x</jsp:expression>

C. <jsp:statement>x</jsp:statement>

D. <jsp:declaration>x</jsp:declaration>

E. <jsp:scriptlet>x</jsp:scriptlet>

Ans:B

4. Which of the following correctly represents the following JSP statement. Select

the one

correct answer.

<%x=1;%>

A. <jsp:expression x=1;/>

B. <jsp:expression>x=1;</jsp:expression>

C. <jsp:statement>x=1;</jsp:statement>

D. <jsp:declaration>x=1;</jsp:declaration>

E. <jsp:scriptlet>x=1;</jsp:scriptlet>

Ans:E

5. What gets printed when the following JSP code is invoked in a browser. Select

the one

correct answer.

<%= if(Math.random() < 0.5) %>

hello

<%= } else { %>

hi

<%= } %>

A. The browser will print either hello or hi based upon the return value of random.

B. The string hello will always get printed.

C. The string hi will always get printed.

D. The JSP file will not compile.

Ans:D

6. Which of the following are correct. Select the one correct answer.

A. JSP scriptlets and declarations result in code that is inserted inside the

\_jspService

method.

B. The JSP statement <%! int x; %> is equivalent to the statement

<jsp:scriptlet>int x;</jsp:scriptlet%>.

C. The following are some of the predefined variables that maybe used in JSP

expression - httpSession, context.

D. To use the character %> inside a scriptlet, you may use %\> instead.

Ans:D

7. What gets printed when the following is compiled. Select the one correct

answer.

<% int y = 0; %>

<% int z = 0; %>

<% for(int x=0;x<3;x++) { %>

<% z++;++y;%>

<% }%>

<% if(z<y) {%>

<%= z%>

<% } else {%>

<%= z - 1%>

<% }%>

A. 0

B. 1

C. 2

D. 3

E. The program generates compilation error.

Ans:C

8. Which of the following JSP variables are not available within a JSP expression.

Select

the one correct answer.

A. out

B. session

C. request

D. response

E. httpsession

F. page

Ans:E

9. A bean with a property color is loaded using the following statement

<jsp:usebean id="fruit" class="Fruit"/>

Which of the following statements may be used to print the value of color property

of the

bean. Select the one correct answer.

A. <jsp:getColor bean="fruit"/>

B. <jsp:getProperty id="fruit" property="color"/>

C. <jsp:getProperty bean="fruit" property="color"/>

D. <jsp:getProperty name="fruit" property="color"/>

E. <jsp:getProperty class="Fruit" property="color"/>

Ans:D

10. A bean with a property color is loaded using the following statement

<jsp:usebean id="fruit" class="Fruit"/>

Which of the following statements may be used to set the of color property of the

bean.

Select the one correct answer.

A. <jsp:setColor id="fruit" property="color" value="white"/>

B. <jsp:setColor name="fruit" property="color" value="white"/>

C. <jsp:setValue name="fruit" property="color" value="white"/>

D. <jsp:setProperty name="fruit" property="color" value="white">

E. <jsp:setProperty name="fruit" property="color" value="white"/>

F. <jsp:setProperty id="fruit" property="color" value="white">

Ans:E

11. A bean with a property color is loaded using the following statement

<jsp:usebean id="fruit" class="Fruit"/>

What happens when the following statement is executed. Select the one correct

answer.

<jsp:setProperty name="fruit" property="\*"/>

A. This is incorrect syntax of <jsp:setProperty/> and will generate a

compilation

error. Either value or param must be defined.

B. All the properties of the fruit bean are initialized to a value of null.

C. All the properties of the fruit bean are assigned the values of input parameters of

the JSP page that have the same name.

D. All the properties of the fruit bean are initialized to a value of \*.

Ans:C

12. Is the following statement true or false. If the isThreadSafe attribute of the page

directive is false, then the generated servlet implements the SingleThreadModel

interface.

a)TRUE

b)False

Ans:True

13. Which of the following represents a correct syntax for usebean. Select the two

correct

answers.

A. <jsp:usebean id="fruit scope ="page"/>

B. <jsp:usebean id="fruit type ="String"/>

C. <jsp:usebean id="fruit type ="String" beanName="Fruit"/>

D. <jsp:usebean id="fruit class="Fruit" beanName="Fruit"/>

Ans:B,C

14. Name the default value of the scope atribute of <jsp:usebean>.

A. page

B. application

C. session

D. request

Ans:A

15. Which of the following statements are true for <jsp:usebean>. Select the two

correct

answers.

A. The id attribute must be defined for <jsp:usebean>.

B. The scope attribute must be defined for <jsp:usebean>.

C. The class attribute must be defined for <jsp:usebean>.

D. The <jsp:usebean> must include either type or class attribute or both.

Ans:A,D

16. Which of these are legal attributes of page directive. Select the two correct

answers.

A. include

B. scope

C. errorPage

D. session

E. debug

Ans:C,D

17. Which of the following represents the XML equivalent of this statement <%@

include

file="a.jsp"%> . Select the one correct statement

A. <jsp:include file="a.jsp"/>

B. <jsp:include page="a.jsp"/>

C. <jsp:directive.include file="a.jsp"/>

D. There is no XML equivalent of include directive.

Ans:c

18. Assume that you need to write a JSP page that adds numbers from one to ten,

and then

print the output.

<% int sum = 0;

for(j = 0; j < 10; j++) { %>

// XXX --- Add j to sum

<% } %>

// YYY --- Display the sum

Which statement when placed at the location XXX can be used to compute the

sum.

Select the one correct statement

A. <% sum = sum + j %>

B. <% sum = sum + j; %>

C. <%= sum = sum + j %>

D. <%= sum = sum + j; %>

Ans:B

19. Now consider the same JSP example as last question. What must be added at

the location

YYY to print the sum of ten numbers. Select the one correct statement

A. <% sum %>

B. <% sum; %>

C. <%= sum %>

D. <%= sum; %>

Ans:C

20. JSP pages have access to implicit objects that are exposed automatically. One

such object

that is available is request. The request object is an instance of which class?

A. HttpRequest

B. ServletRequest

C. Request

D. HttpServletRequest

Ans:D

21. JSP pages have access to implicit objects that are exposed automatically. Name

the implicit object that is of type HttpSession.

A. session

B. application

C. httpSession

D. httpsession

Ans:A

22. A Java bean with a property color is loaded using the following statement

<jsp:usebean id="fruit" class="Fruit"/>

What is the effect of the following statement.

<jsp:setproperty name="fruit" property="color"/>

Select the one correct answer.

A. An error gets generated because the value attribute of setAttribute is not

defined.

B. The color attribute is assigned a value null.

C. The color attribute is assigned a value "".

D. If there is a non-null request parameter with name color, then its value gets

assigned to color property of Java Bean fruit.

Ans:D

23. The page directive is used to convey information about the page to JSP

container. Which

of these are legal syntax of page directive. Select the two correct statement

A. <% page info="test page" %>

B. <%@ page info="test page" session="false"%>

C. <%@ page session="true" %>

D. <%@ page isErrorPage="errorPage.jsp" %>

E. <%@ page isThreadSafe=true %>

Ans:B,C

24. Is the following JSP code legal? Select the one correct statement.

<%@page info="test page" session="false"%>

<%@page session="false"%>

A. Yes. This is legal JSP syntax.

B. No. This code will generate syntax errors.

Ans:B

25. A JSP page needs to generate an XML file. Which attribute of page directive

may be

used to specify that the JSP page is generating an XML file.

A. contentType

B. generateXML

C. type

D. outputXML

Ans:A

26. A JSP page uses the java.util.ArrayList class many times. Instead of referring

the class by

its complete package name each time, we want to just use ArrayList. Which

attribute of

page directive must be specified to achieve this. Select the one correct answer.

A. extends

B. import

C. include

D. package

E. classpath

Ans:B

27. Which of these are true. Select the two correct answers.

A. The default value of isThreadSafe attribute of page directive is true.

B. If isThreadSafe attribute of page directive is set to true, then JSP container

dispatches request for the page sequentially.

C. When isThreadSafe attribute of page directive is set to true, a thread is created

for each request for the page.

D. Setting isThreadSage attribute to true for JSP pages, can lead to poor

performance.

Ans:A,C

28. Which of the following are examples of JSP directive. Select the two correct

answers.(?)(not checked yet)

A. include

B. exclude

C. import

D. taglibrary

E. servlet

F. page

Ans:A,F

29. Which of these is true about include directive. Select the one correct answer.

A. The included file must have jspf extension.

B. The XML syntax of include directive in <jsp:include file="fileName"/> .

C. The content of file included using include directive, cannot refer to variables

local

to the original page.

D. When using the include directive, the JSP container treats the file to be included

as if it was part of the original file.

Ans:D

30. Name the implicit variable available to JSP pages that may be used to access

all the other

implicit objects.

A. page

B. pageContext

C. context

D. object

E. jspPave

Ans:B