**Questions on EL and JSTL**

1. What gets printed when the following expression is evaluated? Select the one correct answer.  
     
   ${(1==2) ? 4 : 5}
   1. 1
   2. 2
   3. 4
   4. 5
2. What gets printed when the following expression is evaluated? Select the one correct answer.  
     
   ${4 div 5}
   1. 0
   2. 0.8
   3. 1
   4. -1
3. What gets printed when the following expression is evaluated? Select the one correct answer.  
   ${12 % 4}
   1. 0
   2. 3
   3. 8
   4. 16
4. What is the effect of executing the following JSP statement, assuming a class with name Employee exists in classes package.  
     
   <%@ page import = "classes.Employee" %> <jsp:useBean id="employee" class="classes.Employee" scope="session"/> <jsp:setProperty name="employee" property="\*"/>
   1. The code does not compile as there is no property attribute of setProperty tag.
   2. The code does not compile as property attribute cannot take \* as a value.
   3. The code sets value of all properties of employee bean to "\*".
   4. The code sets the values of all properties of employee bean to matching parameters in request object.
5. What is the effect of evaluation of following expression? Select the one correct answer.  
     
   ${(5\*5) ne 25}
   1. true
   2. false
   3. 25
   4. The expression does not compile as ne is not a valid operator.
6. What is the effect of evaluation of following expression? Select the one correct answer.  
   ${'cat' gt 'cap'}
   1. true
   2. false
   3. catcap
   4. The expression does not compile as gt operator cannot be applied on strings.
7. How many numbers are printed, when the following JSTL code fragment is executed? Select the one correct answer.  
     
   <%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>   
   <c:forEach var="item" begin="0" end="10" step="2">   
   ${item}   
   </c:forEach>
   1. 1
   2. 5
   3. 6
   4. 11
8. What gets printed when the following JSTL code fragment is executed? Select the one correct answer.  
     
   <%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>   
   <c:set var="item" value="2"/>   
   <c:if test="${item==1}" var="result" scope="session">   
   <c:out value="${result}"/>   
   </c:if>
   1. The JSTL code does not compile as attribute for if tag are not correct.
   2. true
   3. false
   4. Nothing gets printed.
9. What gets printed when the following JSTL code fragment is executed? Select the one correct answer.  
     
   <%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>   
   <c:set var="item" value="2"/>   
   <c:forEach var="item" begin="0" end="0" step="2">  
   <c:out value="${item}" default="abc"/>  
   </c:forEach>
   1. The JSTL code does not compile as an attribute for forEach tag is not correct.
   2. 0
   3. 2
   4. ABC
   5. Nothing gets printed as c.out statement does not get executed.
10. How many numbers gets printed when the following JSTL code fragment is executed? Select the one correct answer.  
      
    <%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>   
    <c:set var="item" value="2"/>   
    <c:choose>   
    <c:when test="${item>0}">   
    <c:out value="1"/>   
    </c:when>   
    <c:when test="${item==2}">   
    <c:out value="2"/>   
    </c:when>   
    <c:when test="${item<2}">   
    <c:out value="3"/>   
    </c:when>   
    <c:otherwise>   
    <c:out value="4"/>   
    </c:otherwise>   
    </c:choose>
    1. No number gets printed.
    2. One number gets printed.
    3. Two numbers gets printed.
    4. Three numbers gets printed.
    5. Four numbers gets printed.
11. Which numbers gets printed when the following JSTL code fragment is executed? Select the two correct answers.  
      
    <%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>   
    <c:set var="j" value="4,3,2,1"/>   
    <c:forEach items="${j}" var="item" begin="1" end="2">  
    <c:out value="${item}" default="abc"/>   
    </c:forEach>
    1. 1
    2. 2
    3. 3
    4. 4
    5. abc
    6. The program does not compile.
12. Which numbers gets printed when the following JSTL code fragment is executed? Select the two correct answers.  
      
    <%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>   
    <c:set var="j" value="4,3,2,1"/>   
    <c:forEach items="${j}" var="item" begin="1" end="2" varStatus="status">   
    <c:out value="${status.count}" default="abc"/>   
    </c:forEach>
    1. 1
    2. 2
    3. 3
    4. 4
    5. abc
    6. The program does not compile.
13. Which number gets printed when the following JSTL code fragment is executed? Select the one correct answers.  
      
    <%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>  
    <c:set var="j" value="4,3,2,1"/>  
    <c:forEach items="${j}" var="item" varStatus="status">  
    <c:if test="${status.first}">  
    <c:out value="${status.index}" default="abc"/>  
    </c:if>  
    </c:forEach>
    1. 0
    2. 2
    3. 3
    4. 4
    5. abc
    6. The program does not compile.
14. Which of these represent the correct path for the core JSTL library in JSTL version 1.1? Select the one correct answer.
    1. http://java.sun.com/jsp/jstl/core
    2. http://java.sun.com/jsp/core
    3. http://java.sun.com/core
    4. http://java.sun.com/jsp/jstl1.1/core
15. To disable scriplet within an application using web.xml, we use which syntax within <jsp-config>
    1. <url-pattern>/noscriplets</url-pattern>  
       <scripting-invalid>false</scripting-invalid>
    2. <url-pattern>/noscriplets</url-pattern>  
       <scripting-invalid>true</scripting-invalid>
    3. <url-pattern>\*.jsp</url-pattern>  
       <scripting-invalid>true</scripting-invalid>
    4. <url-pattern>\*.jsp</url-pattern>  
       <scripting-invalid>false</scripting-invalid>
16. To disable the EL for a single page we use-
    1. <%@ page isELIgnored="true"%>
    2. <%@ page isELDisabled="true"%>
    3. <%@ page isELEnabled="false"%>
    4. <%@ page isELIgnored="flase"%>
17. Which of the following can not be true?
    1. The syntax of ${exp} and #{exp} are equivalent and can be used interchangeably.
    2. A function in EL can take single parameter
    3. You can use EL in the same place as you would have a scriplet.
    4. EL is intended to replace the use of java scriplets
18. EL functions are the best for-
    1. Reusing existing java code in a web context
    2. All of them
    3. Iterative behavior over a body
    4. Providing small, reusable piece of functionality that acts on one or more arguments
19. <%= expression %> is equal to which custom tag?
    1. <c:out>
    2. <c:set>
    3. <c:remove>
    4. <c:if>
20. <c:forEach> is used for-
    1. Generating data
    2. Generating String token
    3. Generating Boolean value
    4. Generating scope
21. <fmt:bundle> can be used to specify a resource bundle and they are identified by-
    1. items
    2. basename
    3. step
    4. action
22. Which action provides a simple mechanism for catching any java.lang.Throwable exceptions?
    1. <c:catch>
    2. <c:out>
    3. <c:forEach>
    4. <c:forTokens>
23. Which action provides to apply a JSTL style sheet to an XML document?
    1. <x:set>
    2. <x:parse>
    3. <x:out>
    4. <x:transform>
24. Which of followings is not a drawback of custom tag?
    1. They must be packaged
    2. They must be coded.
    3. They must be classified..
    4. They must be tested before use.
25. Which of the followings is not the attribute value of <c:forEach> ?
    1. delims
    2. items
    3. end
    4. varStatus
26. Which two jar files are needed for running JSTL?
27. jstl.jar
28. jsf-impl.jar
29. jsf-api.jar
30. standard.jar
31. The key components associated with the Internationalization and Formatting Tag Library are-
32. locales
33. resource bundles
34. basename
35. resource locator
36. Which are XML core actions?
    1. <x:parse>
    2. <x:out>
    3. <x:choose>
    4. <x:set>
37. The JSTL core library can be split to which functional area?
    1. Scoped variable manipulation
    2. Conditionals
    3. Looping and iteration
    4. URL Manipulation
38. Which of the followings are attribute value of <c:forTokens> ?
    1. items
    2. step
    3. delims
    4. varStatus