**Model Test: JSP + Hibernate**

**(MCQ: 40x2=80)**

**TCLD**

1. Read the following code snippet:

<libraryPrefix:handlerName parameterName="value">

<%=23\*counter %>

<b>Congratulations!</b>

Which of the following is the correct way to complete the above code snippet?

**a. </libraryPrefix:handlerName>**

b.</libraryPrefix:handlerName paremeterName="value">

c.</handlerName>

d.<libraryPrefix>

2. What is the file name of the WebApp deployment descriptor?

**a.web.xml**

b.deploy.xml

c.init.xml

d.config.xml

3. What is the WebApp deployment descriptor element name for the Servlet Context Initialization Parameters?

a.<context-init-param>

**b.<context-param>**

c.<init-param>

d.<context-init>

4. Which method in the HttpServlet class corresponds to the HTTPPOST method?

a.postHttp

**b.doPost**

c.post

d.getPost

5. Which JSP action retrieves the value of a property from a properly declared JavaBean in a JSP page?

**a.jsp:getProperty**

b.jsp:getParameter

c.jsp:getAtrribute

d.jsp:getValue

6. Which of the following is a JSP implicit object?

a.objRequest

b.Request.send

**c.request**

d.servlet

7. Which of the following is not a JSP implicit object?

a.out

**b.in**

c.response

d.page

8. Which of the following is the name of the cookie used by Servlet Containers to maintain

session information?

a.SESSIONID

b.SERVLETID

**c.JSESSIONID**

d.CONTAINERID

9. Which two jar files are needed for running JSTL?

A.jstl.jar

B.jsf-impl.jar

C.jsf-api.jar

D.standard.jar

Ans: AD

10. Which are XML core actions?

A.<x:parse>

B.<x:out>

C.<x:choose>

D.<x:set>

Ans: ABD

11. The JSTL core library can be split to which functional area?

A.Scoped variable manipulation

B.Conditionals

C.Looping and iteration

D.URL Manipulation

Ans: ABCD

12. Which of the followings are attribute value of <c:forTokens> ?

A.items

B.step

C.delims

D.varStatus

Ans: ABCD

13. To disable the EL for a single page we use-

A.<%@ page isELIgnored="true"%>

B.<%@ page isELDisabled="true"%>

C.<%@ page isELEnabled="false"%>

D.<%@ page isELIgnored="flase"%>

ANs: A

14. <%= expression %> is equal to which custom tag?

A.<c:out>

B.<c:set>

C.<c:remove>

D.<c:if>

Ans: A

15. To disable scriplet within an application using web.xml, we use which syntax within <jsp-config>

A.<url-pattern>/noscriplets</url-pattern>

<scripting-invalid>false</scripting-invalid>

B.<url-pattern>/noscriplets</url-pattern>

<scripting-invalid>true</scripting-invalid>

C.<url-pattern>\*.jsp</url-pattern>

<scripting-invalid>true</scripting-invalid>

D.<url-pattern>\*.jsp</url-pattern>

<scripting-invalid>false</scripting-invalid>

Ans: C

16. Which method provides an easy way to access other objects such as the current output writer and scoped attributes?

a. doStartTag()

b. pageContext()

c. setPageContext()

d. setParent()

Ans : c

17. Which of the following constant value signals that any body content should be evaluated and output to the page?

a. SKIP\_BODY

b. EVAL\_BODY\_INCLUDE

c. SKIP\_PAGE

d. EVAL\_PAGE

Ans : b

18. Which of the following tag is used for pass object attributes into tag handlers to ensure that they support request-time expression?

a. <name>name</name>

b. <required>true</required>

c. <rtexprvalue>true</ rtexprvalue>

d. All of them

Ans : c

19. Valid Body-Content Values for Tag Extensions are?

a. tagdependent

b. empty

c. any.

d. scriptless

Ans : A B D

20. Which of the following is/are not method of SimpleTag interface?

a. setJspContext(JspContext)

b. setParent(Tag)

c. setJspBody(JspFragment)

d. doTag()

Ans : B

21. Say you have declared a tag library like the following –

<%@ taglib uri="/WEB-INF/tlds/ch07.tld" prefix="ch07" %>

Then which of the following is the right way to access an empty library from that tag file?

a. <ch07:datetime>

b. < datetime:ch07/>

c. </ch07:datetime>

d. <ch07:datetime/>

Ans : d

22. What is the use of the <h:selectOneMenu> Tag?

a)Tag provide a single-select menu in HTML form.

b)Tag provide a Multi-select menu in HTML form.

c)both

d)none

Ans: a

23. Which tag must enclose all other tags on a Faces JSP page?

|  |  |
| --- | --- |
| A. | <f:faces> |
| B. | <f:view> |
| C. | <h:jsf> |
| D. | <h:view> |

Ans: b

24. How do you customize validation messages with JSF?

|  |  |
| --- | --- |
| A. | Create a resource bundle with specific keys and specify its name in faces-config.xml |
| B. | Create a resource bundle with specific keys |
| C. | Create a properties file with custom keys and specify its name in web.xml |
| D. | Specify the custom messages in faces-config.xml |

Ans: a

25. What is ORM?

1.ORM stands for object/relational mapping.

2.ORM is the automated persistence of objects in a Java application to the tables in a relational database.

3.Both of Above

4.None

#Ans:3.Both of Above

26. The Hibernate XML configuration file name is?

1.hibernate.cfg.xml 2.hibernate.config.xml 3.hibernate.cg.xml 4.None

#Ans: 1.hibernate.cfg.xml

27. Choose correct Instance states of persistent classes?

1.transient 2.persistent 3.detached

4.All of Above 5.None

#Ans: 4.All of Above

28. What does hibernate.show\_sql true mean ?

|  |  |
| --- | --- |
| 1. | show sql statement on console. |
| 2. | show sql inputs on console. |
| 3. | both. |
| 4. | None |

Ans: 1

29. Employee emp = session.load(Employee .class);   
session.close();   
Is Employee object available to access ?

|  |  |
| --- | --- |
| 1. | Yes |
| 2. | No |

Ans: 2

30. Which of the following is true about hibernate.dialect property in hibernate configuration?

A - This property makes Hibernate generate the appropriate SQL for the chosen database.

B - This property makes Hibernate generate the appropriate java code for the chosen database.

C - Both of the above.

D - None of the above.

### Answer : A

31. Which of the following is a concurrency strategy in hibernate?

A - Transactional

B - Read-write

C - Nonstrict-read-write.

D - All of the above.

Answer : D

32. Filter can be used to do the following-

a. Inspect the response header

b. Provide a modified version of the request

c. Stop a request from reaching a resource altogether

d. All of them

Ans : d

33. For filter mapping which are correct?

a. <filter-mapping>

<filter-name>p</ filter-name>

<servlet-name>q</ servlet-name>

</filter-mapping>

b. <filter-mapping>

< servlet -class>p</ filter-class>

<servlet-name>q</ servlet-name>

</filter-mapping>

c. <filter-mapping>

<filter-name>p</ filter-name>

<url-pattern>/\*</ url-pattern>

</filter-mapping>

d. <filter-mapping>

<filter-name>p</ filter-name>

<url-pattern>/\*</ url-pattern>

<dispatcher>request</ dispatcher>

<dispatcher>include</ dispatcher>

</filter-mapping>

Ans : a,c,d

34. doFilter() throws what type of exception?

a. IOException

b. ServletException

c. UnknownHostException

d. ArithmeticException

Ans : a,b

35. Using JDBC in which class is used for maintaining connection.

a) javax.sql.DataSource

b) java.sql.DriverManager

c) org.gjt.mm.mysql.Driver

Answer: a

36. The security features that all servlet containers provide are

a) Authentication

b) Access control for resources

c) Data integrity

d) Confidentiality or data privacy

Ans:a,b,c,d

37. what are the sub element of <security-constraint>

a)<web-resource-name>

b)<url-pattern>

c)role

d)password

Ans:a,b

38. Which are the Authentication Mechanisms for Web Applications

a) <auth-method>BASIC</auth-method>

b) <auth-method>DIGEST</auth-method>

c) <auth-method>CLIENT-CERT</auth-method>

d) <auth-method>FORM</auth-method>

e) All of the above

Ans:e

39. Transferring outgoing response content technique is used for?

a. Adapter filter

b. Auditing filter

c. Authentication filter

d. All of them

Ans : b

40. What is the use of the <h:selectOneMenu> Tag?

1. Tag provide a single-select menu in HTML form.

2. Tag provide a Multi-select menu in HTML form.

3. both

4. none

Answer : 1

**Descriptive 20**

1. What is the difference between <jsp:include page = ... > and <%@ include file = ... >?

2. What are the Core interfaces are of Hibernate framework?

3. Difference between GET and POST in Java Servlets?

4. What is JSF life cycle and its phases?

5. What is Tag Library Descriptor (TLD)?

6. What is the job of faces-config.xml class?

7. What is REALM?

8. Explain Database Connection Pooling.

9. What is Filter Chaining?

#### 10. What are the differences between simple and classic tag?