

# WJP CCEE LAB MOCK - 1

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QUESTIONS

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✗ Which of the following statements are true about the lifecycle of a session bean

- ☒ Only a stateful session bean, and not a stateless session bean, in a transaction can be passivated
- ☐ The client cannot invoke a create() or remove() call on a stateless session bean
- ☐ Two clients may end up using the same stateless session bean instance one after the other and Only a stateful session bean can be activated or passivated
- ☐ The container will invoke an ejbRemove() call on a stateful session bean only in response to a remove() call from the client

Correct answer

- ☒ Two clients may end up using the same stateless session bean instance one after the other and Only a stateful session bean can be activated or passivated

✗ The \_\_\_\_\_ action is used to permanently transfer control from a JSP page to another location on the local server

- ☐ < jsp:include >
- ☐ < jsp:param >
- ☒ < jsp:plugin >
- ☐ < jsp:forward >

Correct answer

- ☒ < jsp:include >



✓ Select statements, which are valid for Cookie \*

- ☐ Cookies are transferred to HTTP Header
- ☐ Cookie is name and Object pair
- ☒ Cookies can be disabled on client browser
- ☐ Cookies should be used to give better client interaction but should not be used where business logic is dependent on them

✓ Compilation error in jsp files results in \*

- ☒ translation time errors
- ☐ runtime errors
- ☐ compilation errors
- ☐ None of the above

✓ 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.

- ☐ < jsp:setValue name="fruit" property="color" value="white"/ >
- ☐ < jsp:setProperty name="fruit" property="color" value="white" >
- ☒ < jsp:setProperty name="fruit" property="color" value="white"/ >
- ☐ < jsp:setProperty id="fruit" property="color" value="white" >



✗ Which of the following is true about Entity beans and \* Hibernate?

- a) X in Entity Bean at a time we can interact with only one database. Where as in Hibernate we can able to establish the connections to more than one database. Only thing we need to write one more configuration file.X x
- b) Entity Beans does not support OOPS concepts where as Hibernate does.
- c) Hibernate supports multi level caching, where as Entity Beans doesn't.

- ☒ Only a
- ☐ Only a and b
- ☐ All a, b and c
- ☐ Only c

Correct answer

- ☒ All a, b and c

✗ \_\_\_\_\_ request indicates that client wants to see only the headers of the response, to determine the document size, modification time, or general availability

- ☐ PUT
- ☐ GET
- ☒ TRACE
- ☐ HEAD

Correct answer

- ☒ HEAD

✗ Identify the correct statements \*

- ☒ `< error-page > < exception-type >< error-code >404< /error-code >< /exception-type > < location >/404.html< /location >`
- ☐ `< error-page > < exception-type >javax.servlet.ServletException< /exception-type >/error-page >`
- ☐ `< error-page > < error-code >404< /error-code > < location >404.html< /location > /error-page >`
- ☐ None of these

Correct answer

- ☒ None of these

✓ An Enterprise JavaBeans can be deployed in \_\_\_\_\_ \*

- ☐ J2EE server
- ☐ Weblogic
- ☐ Web sphere
- ☒ All of the above



✓ I have the following deployed in my web.xml file.

< session-config >

< session-timeout >30< /session-timeout >

< /session-config >

Then I perform setMaxInactiveInterval(2400) for my session object.

The First one denotes 30 minutes and second one denoted 40 minutes.

After how long would session expire.

- ☐ 30 minutes
- ☒ 40 minutes
- ☐ gives IllegalArgumentException
- ☐ Cannot tell

✓ What is the difference between RequestDispatcher and sendRedirect?

1)RequestDispatcher:Server-side redirect with request and response objects.

2)sendRedirect:Client-side redirect with new request and response objects.

3)RequestDispatcher:Client-side redirect with request and response objects.

4)sendRedirect:Server-side redirect with new request and response objects.

- ☐ a) only 1
- ☒ b) only 1 and 2
- ☐ c) only 3
- ☐ d) only 3 and 4



✗ Which of the following is false regarding the Type 3 JDBC driver \*

- ☐ A Type 3 driver is a JDBC-Net pure Java driver
- ☐ This translates JDBC calls into a database -dependent net protocol.
- ☐ Vendors of database middleware products can implement this type of driver into their products to provide interoperability with the greatest number of database servers.
- ☒ option A & B above

Correct answer

- ☒ This translates JDBC calls into a database -dependent net protocol.

✗ which of the following lines would initialize the out variable for sending a Microsoft word file to the browser

- ☐ PrintWriter out=response.getServletOutput()
- ☒ PrintWriter out=response.getWriter()
- ☐ PrintWriter out=response.getWriter()
- ☐ OutputStream o=response.getOutputStream()

Correct answer

- ☒ OutputStream o=response.getOutputStream()



✗ The init() method takes \_\_\_\_\_ object as a parameter. \*

- ☒ HttpServletRequest
- ☐ HttpServletResponse
- ☐ ServletConfig
- ☐ ServletResponse

Correct answer

- ☒ ServletConfig

✗ Is The Session threadsafe in Hibernate? \*

- ☒ True
- ☐ False
- ☐ Not sure
- ☐ Bhagwaan jane

Correct answer

- ☒ False





✗ The contents of the bean class are as follows

```
package mybean ;  
public class trybean  
{  
    private string name ;  
    private int age ;  
    public void setName ( string name )  
    {  
        this.name=name ;  
    }  
    public string getName ()  
    {  
        return name ;  
    }  
    public void setAge()  
    {  
        this . age=age ;  
    }  
    public int getAge()  
    {  
        return age ;  
    }  
}
```

The content of test . jsp file are as follows

```
< % @ page language = " java " import = " mybean . * " % >  
< jsp : usebean id = " test class = mybean . trybean " >  
< HTML >
```

The name is < jsp : getProperty name = " test " property= " name " / >

The age is < jsp : getProperty name = " test " property = " age " / >

```
< / HTML >
```

If a user types in <http://nm76:7001/test.jsp?name=abhishek&age=24> the output is

- ☐ Gives the compilation error
- ☐ The Name is Abhishek
- ☒ The Name is Abhishek The age is 24
- ☐ The Name is null The age is zero



Correct answer

- ☒ The Name is null The age is zero

✗ Which of the following is legal JSP syntax to print the value of i. \*

- ☒ < %int i = 1;% > < %= i; % >
- ☐ < %int i = 1; i; % >
- ☐ < %int i = 1;% > < %= i % >
- ☐ < %int i = 1% > < %= i; % >

Correct answer

- ☒ < %int i = 1;% > < %= i % >

✓ the HttpServlet class is extended from \*

- ☒ GenericServlet class
- ☐ Servlet class
- ☐ ServletConfig Interface
- ☐ None of the above



✗ A ResultSet can be reliably returned from a method that creates a Statement and executes a query?

- ☒ True
- ☐ False
- ☐ Let me think !!
- ☐ Can't recollect it right now.

Correct answer

- ☒ False

✗ What is object mapping? \*

- ☐ The process of converting a class diagram to Java code.
- ☒ A program that emulates a mainframe terminal and passes user input to the mainframe.
- ☐ The process of building object wrappers around Java interfaces. This allows the legacy system to interact with your Java application.
- ☐ The process of building object wrappers around legacy interfaces. This makes the legacy system available in an OO fashion

Correct answer

- ☒ The process of building object wrappers around legacy interfaces. This makes the legacy system available in an OO fashion



✗ The different types of properties in Beans are \*

- ☐ Index properties, bound properties ,constrained properties
- ☒ Index ,bound ,constrained ,read only properties
- ☐ Index ,bound,constrained, read only ,private properties
- ☐ None of the above

Correct answer

- ☒ Index ,bound,constrained, read only ,private properties

✓ Which is the way to provide configuration metadata to spring? \*

- ☐ XML Based configuration file.
- ☐ Annotation based configuration.
- ☐ Java based configuration.
- ☒ All of the above.



✗ Choose the statement that best describes the relationship between JSP and servlets

- ☐ Servlets are built on JSP semantics and all servlets are compiled to JSP pages for runtime usage.
- ☐ JSP and servlets are unrelated technologies.
- ☐ Servlets and JSP are competing technologies for handling web requests.
- ☒ Servlets are being superseded by JSP, which is preferred. The two technologies are not useful in combination.
- ☐ JSPs are built on servlet semantics and all JSPs are compiled to servlets for runtime usage.

Correct answer

- ☒ JSPs are built on servlet semantics and all JSPs are compiled to servlets for runtime usage.

✓ What executes EJB components? \*

- ☐ A web server
- ☐ An application server
- ☒ An EJB container
- ☐ A database server



✓ The entity bean differs from Session bean in \*

- ☐ persistence
- ☐ shared accesss
- ☐ primary key
- ☒ all the above

✓ What do enterprise beans use to communicate with the EJB container to get runtime contxt information?

- ☒ The javax.ejb.EJBContext provided by the container
- ☐ A JNDI ENC context
- ☐ A javax.ejb.Home object provided by the container
- ☐ A javax.ejb.EJBMetaData object provided by the container



✓ `< servlet >` \*

`< servlet-name >myServlet< /servlet-name >`

`< servlet-class >com.servlet.myservlet< /servlet-class >`

`< /servlet >`

`< servlet-mapping >`

`< servlet-name > mySrvlet< /servlet-name >`

`< url-pattern >/foo/bar/*< /url-pattern >`

`< /servlet-mapping >`

Works for which of the following

- ☒ <http://nm76:8080/foo/bar/index.html>
- ☐ http:// nm76:8080/foo/index.jsp
- ☐ http:// nm76:8080/foo/myservlet
- ☐ None

✓ All of the following are techniques of session tracking except? \*

- ☐ Hidden fields
- ☐ The HTTP session API
- ☒ Servlets
- ☐ Cookies



✗ An enterprise beans allowed to use Thread.sleep() \*

- ☐ True
- ☐ False
- ☐ Mein nahin btaunga
- ☒ Meko kya,hoga kuch

Correct answer

- ☒ False

✗ What is bean scope? \*

- ☐ Bean scope forces Spring to produce a new bean instance as per the scope defined.
- ☒ Bean scope defines the accessibility of bean in a java class.
- ☐ Bean scope defines the accessibility of bean in a java package.
- ☐ Bean scope defines the accessibility of bean in a web application.

Correct answer

- ☒ Bean scope forces Spring to produce a new bean instance as per the scope defined.

✓ \_\_\_\_\_objects contains a call to the stored procedure \*

- ☒ Callable Statement
- ☐ Prepared Statement
- ☐ Statement
- ☐ Dynamic Statement



✓ Native API partly Java Driver is \*

- ☐ Type 1 driver
- ☒ Type 2 driver
- ☐ Type 3 driver
- ☐ Type 4 driver

✗ How Many Implicit Object In JSP? \*

- ☒ 6
- ☐ 7
- ☐ 5
- ☐ None Of Above

Correct answer

- ☒ 7

✗ Which of the following are true with respect to sendRedirect method of HttpServletResponse?

- ☐ Sets the Location Header
- ☐ Path can be only relative
- ☒ Must be called after response is committed else throws IllegalStateException
- ☐ None.

Correct answer

- ☒ Sets the Location Header



✗ What is the naming convention for Hibernate XML mapping file extensions?

- ☒ .hibernate.xml
- ☐ .hbm.xml
- ☐ .hibernate\_data.xml
- ☐ None of the above

Correct answer

- ☒ .hbm.xml

✗ What gets printed when the following JSP code is invoked in a browser? \*

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

```
hello
```

```
< %= } else { % >
```

```
hi
```

```
< %= } % >
```

- ☐ The browser will print either hello or hi based upon the return value of random.
- ☒ The string hello will always get printed.
- ☐ The string hi will always get printed.
- ☐ The JSP file will not compile.

Correct answer

- ☒ The JSP file will not compile.



✓ What is the key difference between using a `<jsp:forward>` and `HttpServletResponse.sendRedirect()`?

- ☐ forward executes on the client while `sendRedirect()` executes on the server
- ☒ forward executes on the server while `sendRedirect()` executes on the client
- ☐ The two methods perform identically.
- ☐ none

✗ A Web Application is located in a directory named "school". Its deployment descriptor will be located in which of the following?

- ☐ school
- ☒ school/WEB-INF
- ☐ school/META-INF
- ☐ WEB-INF/school

Correct answer

- ☒ WEB-INF/school

✓ Anurag Kashyap is working on a web application where JPA is being used in data layer. He wrote a POJO class and wants this class to work as an entity to implement the ORM concept. What are the minimum required annotations he must use at the class to create a table in the database?

- ☒ `@Id`, `@Entity`
- ☐ `@Table`, `@Entity`, `@Id`
- ☐ `@Column`, `@Entity`, `@Table`
- ☐ `@Id`, `@GeneratedValue`

✗ < %@ page language="java" % > \*

The Following are the contents of test.jsp

1 < html >

2 < head >< title >A Comment Test< /title >< /head >

3 < body >

4 < h2 >A Test of Comments< /h2 >

5 < !-- This is Html Hidden Comment -- >

6 < %-- This is JSP Hidden Comment --% >

7 < /body >

8 < /html >

On executing test.jsp guess the correct output

- ☐ Line 5 is inserted in response but Line 6 is not inserted in response
- ☐ Line 5 and Line 6 are inserted in response
- ☐ Both Line 5 and Line 6 are not inserted in response
- ☒ Line 5 is not inserted in response but Line 5 is inserted in response

Correct answer

- ☒ Line 5 is inserted in response but Line 6 is not inserted in response

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