

WJP LAB CCEE MOCK -2

Total points 22/40

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Name *

Pragati Gaje

PRN *

220940320077

QUESTIONS

22 of 40 points

✓ The JDBC returns the query in _____ *

- ☒ 1. Resultset
- ☐ 2. DatabaseMetadata
- ☐ 3. preparedstatment
- ☐ 4. calablestatement



✗ An exception caught in your servlet can be logged how? *

- ☐ 1. log(message,throwable)
- ☒ 2. log(message,throwable.getMessage())
- ☐ 3. logger(message,throwable.getMessage())
- ☐ 4. logger(message,throwable)

Correct answer

- ☒ 1. log(message,throwable)

✓ < % @ page language = "java" % > *

```
< % int x=0 ;  
while ( x < = 10 )  
{  
% >  
< %  
}  
% >
```

The output of the above jsp file is

- ☐ 1. prints 1 to 10
- ☐ 2. prints 1 to 9
- ☒ 3. goes in to infinite loop
- ☐ 4. prints 10 times out.println(%=x++%>



✗ Is following statement true or false.

URL rewriting may be used when a cookies are disabled. In URL encoding the session ID is included as a part of the URL.

- ☐ True
- ☒ False
- ☐ Nahin bataunga
- ☐ I don't care

Correct answer

- ☒ True

✗ Type II drive is called as oci driver *

- ☐ True
- ☒ False
- ☐ itna nhin pdha
- ☐ Mah life, Mah rulez

Correct answer

- ☒ True



✓ Interface "connection" helps to manage connection between java & database

- ☒ True
- ☐ False
- ☐ Sab moh maya h
- ☐ None of these

✓ What are the context initialization parameters in web-xml file *

- ☒ 1. < context-param >
- ☐ 2. < init-param >
- ☐ 3. < jsp-param >
- ☐ 4. < servlet-param >

✓ _____ provides the ability to directly insert java into an HTML document

- ☐ 1. declarations
- ☒ 2. scriptlets
- ☐ 3. directives
- ☐ 4. None of the above



✓ Session tracking can be achieved using *

- ☐ 1. User authorisation
- ☐ 2. Hidden form fields
- ☐ 3. URL Rewriting
- ☒ 4. All of the above

✗ _____ is a block of java code in JSP that is used define class-wide variables and methods in the generated class file

- ☐ 1. scriptlets
- ☐ 2. declarations
- ☐ 3. element
- ☒ 4. expression

Correct answer

- ☒ 2. declarations

✓ Which of the following is not an implicit object ? *

- ☒ 1. date
- ☐ 2. request
- ☐ 3. out
- ☐ 4. pagecontext



✗ The _____ class is used to store serialized objects *

- ☒ 1. Serializable
- ☐ 2. ObjectOutputStream
- ☐ 3. Serialised
- ☐ 4. None of the above

Correct answer

- ☒ 2. ObjectOutputStream

✓ _____ is Called when a Web application is first ready to process requests (i.e. on Web server startup and when a context is added or reloaded). Requests will not be handled until this method returns

- ☐ 1. contextDestroyed
- ☐ 2. attributeRemoved
- ☒ 3. contextInitialized
- ☐ 4. sessionCreated

✓ Which method in the HttpServlet class services the HTTP POST request? *

- ☐ 1. doPost(ServletRequest, ServletResponse)
- ☐ 2. doPOST(ServletRequest, ServletResponse)
- ☐ 3. servicePost(HttpServletRequest, HttpServletResponse)
- ☒ 4. doPost(HttpServletRequest, HttpServletResponse)



✗ Which of the following correctly represents the following JSP statement. * 1

< %=x% >

- ☒ 1. < jsp:expression=x/ >
- ☐ 2. < jsp:declaration >x< /jsp:declaration >
- ☐ 3. < jsp:statement >x< /jsp:statement >
- ☐ 4. < jsp:expression >x< /jsp:expression >

Correct answer

- ☒ 4. < jsp:expression >x< /jsp:expression >

✓ 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 ths sum
```

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

- ☐ 1. < % sum = sum + j % >
- ☒ 2. < % sum = sum + j; % >
- ☐ 3. < %= sum = sum + j % >
- ☐ 4. < %= sum = sum + j; % >



✗ Name the class that includes the getSession method that is used to get the HttpSession object.

- ☐ 1. HttpServletRequest
- ☐ 2. HttpServletResponse
- ☐ 3. SessionContext
- ☒ 4. SessionConfig

Correct answer

- ☒ 1. HttpServletRequest



✗ The contents of tag handler class MyPage. are

*

```
package tags;
import javax.servlet.http.*;
import javax.servlet.jsp.*;
import javax.servlet.jsp.tagext.*;
import java.io.*;
public class MyPage extends BodyTagSupport
{
int k=10;
public int doStartTag() throws JspException
{
return EVAL_BODY_INCLUDE;
}
public int doAfterBody() throws JspException
{
if(k < 13)
{
k++;
return EVAL_BODY_TAG;
}
return SKIP_BODY;
}
public int doEndTag() throws JspException
{
return EVAL_PAGE;
}
}
```

The contents of tag library descriptor mypage.tld are:

```
< taglib >
< tag >
< name >mypage< /name >
< tagclass >tags.MyPage< /tagclass >
< bodycontent >JSP< /bodycontent >
< /tag >
< /taglib >
```

The contents of jsp file are

```
< HTML >
< HEAD >
< %@ taglib uri="page.tld" prefix="superman"% >
< /head >
< superman:mypage >
< %="Hello"% >
```

< /superman:mypage >

< /html >

On executing jsp file guess Hello would be printed how many times

- ☐ 1. Not even Once
- ☒ 2. Once
- ☐ 3. Twice
- ☐ 4. Four

Correct answer

- ☒ 4. Four

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

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



✗ Which of the following method calls will ensure that a session will never be expired by the servlet container

- ☐ 1. session.setTimeout(0)
- ☒ 2. session.setTimeout(-1)
- ☐ 3. session.setTimeout(Integer.MAX_VALUE)
- ☐ 4. None of the above

Correct answer

- ☒ 4. None of the above

✓ The contents of copyright.html are as follows: *

```
< html >  
< h1 >These are contents of copyright.html< /h1 >  
< /html >
```

The contents of test.jsp file are as follows:

```
1 < html >  
2< title >My JSP File< /title >  
3 < %  
4 String file="copyright.html";  
5 % >  
6 < %@ include file="< %=file% >" % >  
7 < jsp:include page="< %=file% >" / >  
8 < /html >
```

Select the correct answer

- ☐ 1. It compiles successfully displaying the contents of copyright.html in both cases
- ☒ 2. It gives error at line 6 as include directive cannot take values at runtime
- ☐ 3. It gives error at both line 6 and line 7 as both include and jsp:include cannot take values at runtime
- ☐ 4. It prints nothing

✓ Which method is static synchronized in JDBC API _____ *

- ☒ 1. getConnection()
- ☐ 2. registerDriver()
- ☐ 3. getDataBaseProductName()
- ☐ 4. All of the above

✗ Which of the following statement is true? *

- ☐ 1. HttpServletResponse provides a method to send a redirect response to the client.
- ☐ 2. HttpSession provides a method to unbind all the objects bounded to it, without ending the session.
- ☒ 3. ServletContext provides a method to return a RequestDispatcher object for a resource located in a particular path.
- ☐ 4. None

Correct answer

- ☒ 1. HttpServletResponse provides a method to send a redirect response to the client.



✗ If servlet needs to handle all requests like get, post etc,service method should be used init method

- ☐ 1. Is called Only once in the life cycle of servlet
- ☒ 2. Gets called per request.
- ☐ 3. Doesn't get called if one servlet is calling other servlet.
- ☐ 4. Is used for one time initialization of class level variables.

Correct answer

- ☒ 1. Is called Only once in the life cycle of servlet

✓ Which are the IoC containers in Spring? *

- ☒ 1.BeanFactory, ApplicationContext
- ☐ 2. BeanFactory, ApplicationContext, locContextFactory
- ☐ 3. BeanFactory, BeanContext, locContextFactory
- ☐ 4. BeanFactory, ApplicationContext, BeanContext



✗ What is singleton scope? *

- ☐ This scopes the bean definition to a single instance per Spring IoC container.
- ☐ This scopes the bean definition to a single instance per HTTP Request.
- ☐ This scopes the bean definition to a single instance per HTTP Session.
- ☒ This scopes the bean definition to a single instance per HTTP Application/ Global session.

Correct answer

- ☒ This scopes the bean definition to a single instance per Spring IoC container.

✗ What is default scope of bean in Spring framework? *

- ☐ singleton
- ☐ prototype
- ☒ request
- ☐ session

Correct answer

- ☒ singleton



✓ How does Hibernate distinguish between transient *
(i.e. newly instantiated) and detached objects?
Choose correct answer from following?

1. Hibernate uses the "version" property, if there is one.
2. If not uses the identifier value. No identifier value means a new object. This does work only for Hibernate managed surrogate keys. Does not work for natural keys and assigned (i.e. not managed by Hibernate) surrogate keys)
3. Write your own strategy with `Interceptor.isUnsaved()`.
4. All of the above

- ☐ A
- ☐ B
- ☐ C
- ☒ D

✗ In Spring, which of the following methods is used to shut down the IoC container?

- ☒ shutdownHook()
- ☐ shutdownHandler()
- ☐ registerHook()
- ☐ registerShutdownHook()

Correct answer

- ☒ registerShutdownHook()



✓ `org.hibernate.SessionFactory` can manage contextual sessions and allows to retrieve them by:-

- ☐ `getSession()` method
- ☐ `getCurrent()` method
- ☒ `getCurrentSession()` method
- ☐ None of the above

✓ How does spring achieve DI or IOC? *

- ☒ Service locator pattern
- ☐ Factory pattern
- ☐ Abstract factory pattern
- ☐ Singleton pattern

✗ Which interface in spring is responsible for Instantiating and managing the so called Spring beans?

- ☒ `BeanFactory`
- ☐ `ApplicationContext`
- ☐ `BeanDefinition`
- ☐ `BeanFactoryAware`

Correct answer

- ☒ `ApplicationContext`



✗ What exceptions do the DAO classes, use in Spring throw? *

- ☐ SQLException
- ☐ Exception
- ☐ IOException
- ☒ All of these

Correct answer

- ☒ SQLException

✓ How many types of IOC (dependency injection)? *

- ☐ A.Setter Injection
- ☐ B.Constructor Injection
- ☐ C.Interface Injection
- ☒ D.All of the above
- ☐ E.Only A & B
- ☐ F.Only A

✓ @Component annotation on class indicates *

- ☒ that a bean should be created for the class
- ☐ that a bean should not be created for the class
- ☐ that autowiring should be enabled for the class
- ☐ that autowiring should not be enabled for the class

✗ Spring provides features: *

- 1 .Resource management
- 2 .Exception handling
- 3 .Transaction participation
- 4 .Resource unwrapping
5. Abstraction for BLOB and CLOB handling

☐ 1,2,3,4,5

☒ 1,3,4,5

☐ 1,2,4,5

☐ None

Correct answer

☒ 1,2,3,4,5

✓ Publishing an application's data as a REST service requires. *

☐ a) @RequestMapping

☐ b) @PathVariable

☒ c) All of the mentioned

☐ d) None of the mentioned



✓ How many types of method injection are available in spring? *

- ☐ 4
- ☒ 2
- ☐ 8
- ☐ 1

✗ REST service end point comprises an address. *

- ☐ a) starts with http:// and ends with ?
- ☒ b) starts with http:// and ends with &
- ☐ c) no certain URL is specified
- ☐ d) depends upon the platform used

Correct answer

- ☒ a) starts with http:// and ends with ?

✓ Root element of POM.xml is project. *

- ☒ true
- ☐ false
- ☐ Pehle paytm karo
- ☐ What is pom?

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