```
Choose the correct HTML tag to make a text bold
         \langle bb \rangle
         <bol><br/><br/>bold></br/>
          <b>
          <bld>
              adds a multimedia element directly into your page, allowing your browser
to
                              - in.
  play it with a plug
            <embed>
            <include>
            <insert>
             <a href>
   Which attribute specifies where to send a form?
            method
            input
            action
            None of the above
   In text areas, which setting would display line breaks during data entry but store the
   text exactly as was entered?
            wrap="Off"
           wrap="Virtual"
            wrap="Physical"
            Both B) & C)
   Which HTML attribute is used to define inline styles?
            class
            font
            styles
            Style
  How do you change the text color of an element?
           text -color=
            color:
            fgcolor:
            text -color:
   <script type="text/javascript">
  document.write(Date());
  </script>
  The output of the above code snippet will be:
```

```
14 Mar Fri, 16:16:36 2008
             Fri Mar 14, 16:16:36 2008
             Fri 14 Mar, 16:16:36 2008
             16:16:36 2008, Fri Mar 14
   The syntax of close() method for document object is _____
           close(doc)
           close(object)
           close(val)
           close()
   The syntax of a blur method in a button object is _____
           Blur()
           Blur(contrast)
           Blur(value)
           Blur(depth)
          _ class provides an interface for invoking JavaScript methods and examining
   JavaScript properties.
           ScriptObject
           JSObject
            JavaObject
            Jobject
  The below code gives output: ? -
  document.write(Math.round(- 4.40) + "&"
  document.write(Math.round(- 4.60));
5 & 5
-4 & - 5
-5 & -5
                          -4.60));
5 & 5
- 4 & - 5
-4& -4
   What are the predefined attributes
           xml:lang
           xml:space
           both
           none
```

DTD includes the specifications about the markup that can be used within the document, the specifications consists of all EXCEPT:

The browser name

The size of element name

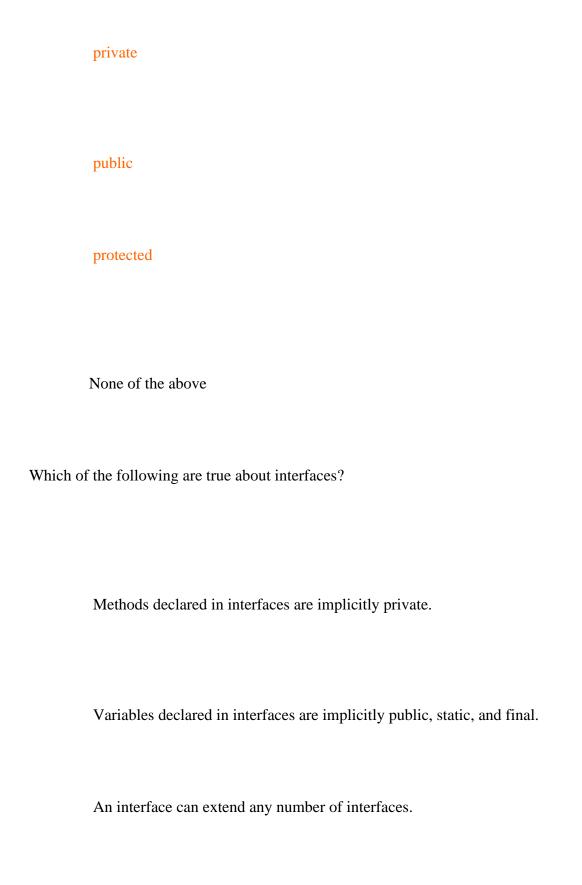
Entity declarations
Element declarations

```
Correct way to include XML stylesheet:
        <?xml version="1.0" encoding="ISO-8859- 1"?>
                  - stylesheet type="text/xsl" href="simple.xsl"?>
        target="_newcdswin" ?>
                  -stylesheet type="text/xsl" href="simple.xsl"
        <?xml
        target="_newcdswin" ?>
        <?xml version="1.0" encoding="ISO - 8859 -1"?>
                  - stylesheet type="text/xsl" href="simple.xsl"
         target="_newcdswin" ?>
                                                                  -8859 - 1"?>
         <? xml version="1.0" encoding="ISO
                    - stylesheet type="text/xsl" href="simple.xsl"
         target="_newcdswin" ?>
The attribute used to define a new namespace is
        XMLNS
        XmlNameSpace
         Xmlns
         XmlNs
To match the root node in XSLT transform the syntax will be
        <xsl:template match=
                                        " Document
        < xsl:template match=
                                         "Root ">
         < xsl:template match=
                                        "RootNode
         < xsl:template match=
                                         "/">
Integer i = new Integer(10);
int i2 = 10;
System.out.println(i == i2);
What will be the output of the above code fragment?
         Will print true
          Compilation Error
```

CastException Runtime Exception

```
Which declare a compilable abstract class?
           public abstract class Dog { public Enjoy wagTail(); }
           public abstract class Dog { public Enjoy wagTail() { } }
            public class Dog { public abstract Enjoy wagTail(); }
            public class Dog abstract { public abstract Enjoy wagTail(); }
  Given the following,
  interface Base {
  boolean m1 ();
  byte m2(short s);
  Which code fragments will compile?
            interface Base2 implements Base { }
abstract class Class2 extends Base {
              public boolean m1() { return true; } }
  abstract class Class2 implements Base { }
            abstract class Class2 implements Base {
            public boolean m1() { return (true); } }
  class X { void do1() { } }
  class Y extends X { void do2() { } }
  class Chrome {
  public static void main(String [] args) {
  X \times 1 = \text{new } X();
  X x2 = new Y();
  Y y1 = new Y();
  // insert code here
```

```
}
Which of the below lines, when inserted in the italicized code above, will compile?
          x2.do2();
          (Y)x2.do2();
          ((Y)x2).do2();
         None of the above statements will compile.
Parameters or arguments to a method are passed in following ways:
          by ref
          by value
          pointer
         All of the above
Following are the valid method access modifiers.
```



The keyword implements indicate that an interface inherits from another.
String Buffers are immutable and supports growable and modifiable strings
True
False
Which of the following statements related to Garbage Collection are correct?
It is possible for a program to free memory at a given time.
Garbage Collection feature of Java ensures that the program never runs out of memory.
It is possible for a program to make an object available for Garbage Collection.

performed	The finalize method of an object is invoked before garbage collection is
performed	on the object
Instance	members are accessible only after the runs.
	super constructor
	inner constructor
	instance initiation
Done	
Vector o	contain heterogenous objects; Because a Vector stores everything in terms of
	Instances

```
Bytes
```

Objects

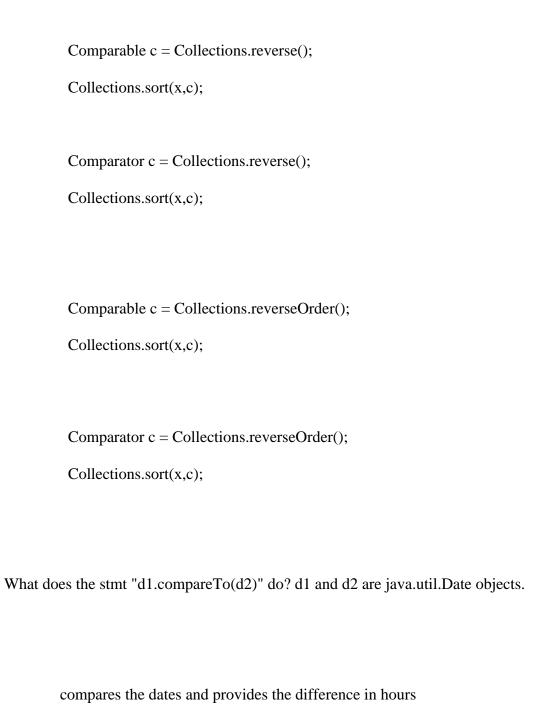
All of the above

```
import java.util.*;
    class Flubber {
    public static void main(String[] args) {
        List<String> x = new ArrayList<String>();
        x.add(" x"); x.add("xx"); x.add("Xx");

    // insert code here
    for(String s: x) System.out.println(s);
    }
}
And the output:
    xx
    Xx
    x

Which code, inserted at // insert code here, will produce the preceding output?
```

Collections.sort(x);



```
compares the dates and provides the difference in milliseconds
         compares the dates and provides the difference in days
         none of above
The List interface provides the capability to implement a growable array of objects
         True
         False
import java.io.*;
class Keyboard { }
public class Computer implements Serializable {
private Keyboard k = new Keyboard();
public static void main(String[] args) {
Computer c = new Computer();
```

```
c.storeIt(c);
}
void storeIt(Computer c) {
try {
ObjectOutputStream\ os = new\ ObjectOutputStream(
new FileOutputStream("myFile"));
os.writeObject(c);
os.close();
System.out.println("done");
} catch (Exception x) {System.out.println("exc"); }
What is the result?
           exc
           done
          Compilation fails.
```

Exactly one object is serialized.

Exactly two objects are serialized.
Following statement could be used to create an actual file
File file = new File("foo");
True
False
Which of these classes defined in java.io and used for file -handling are abstract?
InputStream
PrintStream

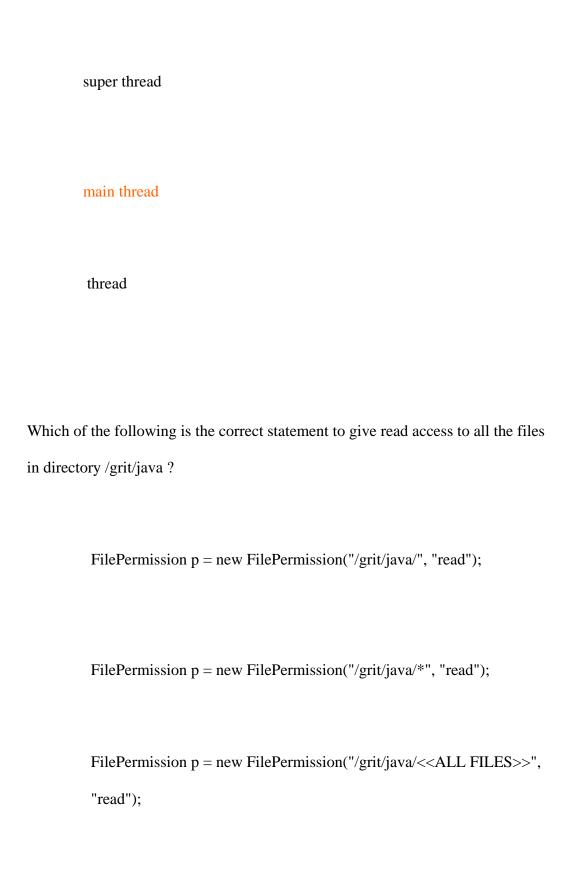
```
Reader
         File Input Stream\\
String x = "Java";
x.concat(" Rules!");
System.out.println("x = " + x);
What will be the output for the above code
         Rules!
        Java Rules!
          Java
         Compilation Error
```

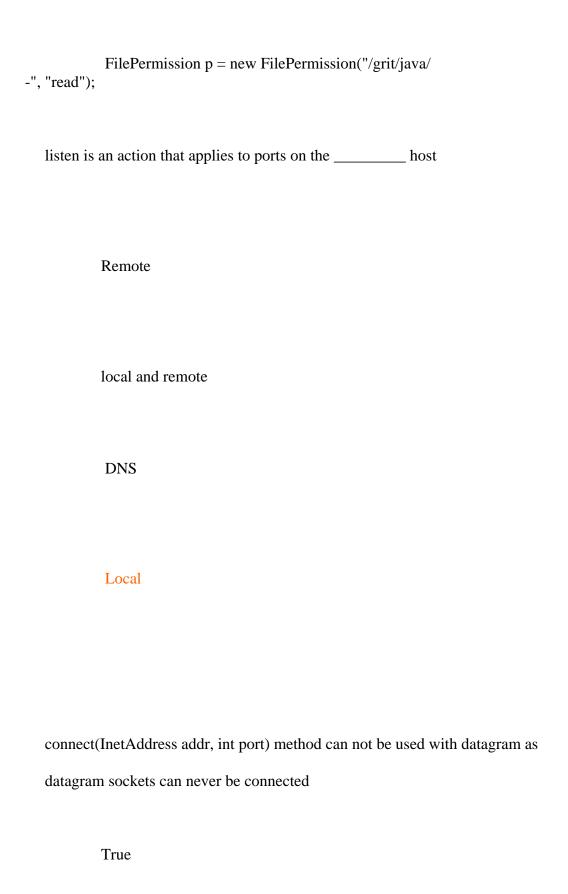
```
Consider the following class
   public class Test implements Runnable{
   public void run(){}
   }
 Creating an instance of this class and calling its run() method
 will spawn a new thread.
         True
         False
         Compile time error
Garbage collector thread belongs to which priority?
```

low - priority

High - priority	
Medium -priority	
Highest - Proirity	
The suspend() method is used to terminate a thread?	
The suspend() method is used to terminate a unead?	
True	
False	

What is the default thread at the time of starting the program?





False	
What does InetSocketAddress class implement?	
IP address + port number	
hostname + port number	
IP address	
port number	

Which of the following statement is false regarding the use of setAutoCommit() in JDBC

mode.	When a connection is created, it is in auto	- commit
	If the value is true each individual SQL statement is treated as a and will be automatically committed right after it is executed.	transaction
committed	once auto - commit mode is disabled, no SQL statements	will be
	until you call the method commit explicitly	
	By default the JDBC call is in auto -commit	mode
"In whic	ch interface the methods commit() & rollback() are defined "	
java.sql.	Connection interface	
	java.sql.Database interface	

java.sql.Resultset interface
None of the above
How preparedStatements store java objects in database
storeObject()
SetObject()
setClob()
setBlob()

Class.forName(driverName);
String driverName = "sun.jdbc.odbc.JdbcOdbcDriver";
<pre>con = DriverManager.getConnection(url, username, password);</pre>
None of above
and the two major components of JDBC
Driver and Connection

The JDBC API and The JDBC Driver Manager

What creates actual connection with DB

Connection Pool and Data Sources	
The runtime system searches in	for a method that contains a block of code
that can handle the exception	
all methods	
call stack	
method scope	
Final method	

What are the advantages of Exception Handling

Separating error handling code from regular code

Propagating errors up the call stack

Grouping different errors

Differentiating error types

```
class Input {
public static void main(String[] args) {
  String s = " -";
  try {
  doMath(args[0]);
}
```

Line 6 is executed exactly 0 times.

Line 6 is executed exactly 1 time.

The finally block is executed exactly 1 time.

The finally block is executed exactly 2 times.
Each invocation produces a different exception.
MIME is a Mail Transfer Protocol
True
False
Statement I - SecurityManager represents the concept of a central point of access control Statement II - AccessController implements a particular access control algorithm, with special features
Statement I is true, Statement II is false

```
Statement I is false, Statement II is true
```

```
Statement I and II both are true
```

Statement I and II both are false

```
public <T> List<?> meth(List<?> type)
{
    System.out.println(type); // 1
    return new ArrayList<?>(); //2
}
```

Will not compile at line 1

Will not compile at line 2

Run time error

Will compile clean and execute without exception

```
public static void main( String args[] )
{
    Set <String> set = new HashSet<String>();
    System.out.println(set.add("duplicate"));
    System.out.println(set.add("duplicate"));
}

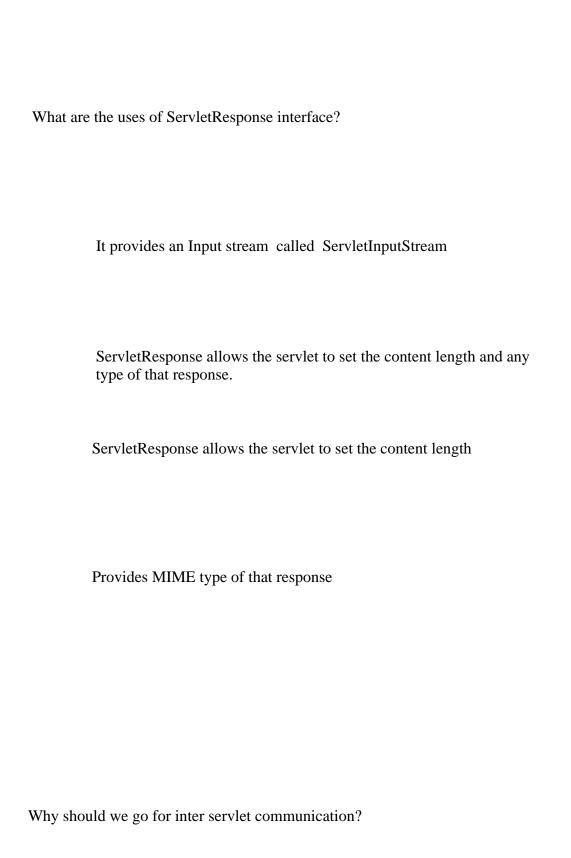
public boolean equals(Object obj)
{
    return false;
}

public int hashCode()
{
    return 0;
}
```

Prints false true

Prints true false

```
Compilation error
           Prints true true
Integer i = new Integer(10); int i2 = 10;
System.out.println(\ i == i2\ );
What will be the output of the above code fragment?
          Will print true
          Compilation Error
           CastException
           Runtime Exception
```



Servlet reuse allows the servlet to reuse the public methods of another servlet.
Servlet configuration requires to communicate with each other by sharing specific information
Direct servlet manipulation allows to gain access to the other currently
loaded servlets and perform certain tasks
All of the above
What is the difference between ServletContext and PageContext?
ServletContext gives the information about the server and
PageContext gives the information about the page
ServletContext gives the information about the Request and PageContext

gives the information about the container

ServletContext and PageContext gives the information about the Request and container

None of the above

```
Consider the following code for the doGet() method

public void doGet(HttpServletRequest req, HttpServletResponse res){

PrintWriter out = res.getWriter);
out.println("<html><body>Hello</body></html>");

///1

if(req.getParameter("name") == null){

res.sendError(HttpServletResponse.SC_UNAUTHORIZED);
}
```

Which of the following lines can be inserted at 1/1 so that the above code does not throw any exception?

```
if (! res.isSent())

if (! res.isCommitted())

if (! res.isDone())

if (! res.isFlushed())
```

Objects stored in a HTTP Session need to be serializable

True

Servlets would be singleton only if they don	' t implement
ThreadModel	
SingleThreadModel	
ThreadClass	
SingleThreadClass	

WAR stands for	
Web Architecture	
Web Archive	
Web Alias	
Web Argument	
Choose the correct option to implement ServletChaining: RequestDispatcher rd = etServletContext().getRequestDispatcher(" rd.include(request, response); /servlet/someOtherServlet	_");

```
someOtherServlet
${web.xml}/${ServletName}
```

Which are mandatory elements of the web-resource-collection element?

```
web -resource -name
url - pattern
http - method
auth -constraint
```

What statements are correct about the method BodyTagSupport.doInitBody.

It is a method used by the jsp container and the jsp programmer shouldn't override it It can be overriden if needed.

It can return either SKIP_BODY or EVAL_BODY_INCLUDE. Its return type is void.

```
How to extend a class in JSP?
```

```
<%@ page extends="package.classname" %>
<%@ page extend="package.classname" %>
<%@ page extends="classname" %>
<%@ page extend="classname" %>
```

By simply calling getInitParameter from any of the servlet methods (for example doGet), a servlet can acces its initialization parameters?

```
True
False
```

How can one set a cookie and delete a cookie from within a JSP page <%//creating a cookie

```
Cookie cookie1 = new Cookie("cookie1", null);
```

```
cookie1.setMaxAge(0);
cookie1.setPath("/");
response.addCookie(cookie1);
//delete a cookie
Cookie cookie2 = new Cookie("aName","aValue");
response.addCookie(cookie2);
%>
```

```
<%
//creating a cookie
Cookie cookie1 = new Cookie("aName", "aValue");
response.addCookie(cookie1);
//delete a cookie
Cookie cookie2 = new Cookie("cookie1", null);
cookie2.setMaxAge(0);
cookie2.setPath("/");
response.addCookie(cookie2);
%>
<%
//creating a cookie
   Cookie cookie1 = new Cookie("aName", "aValue");
   cookie1.setMaxAge(0);
   cookie1.setPath("/");
   response.addCookie(cookie1);
   //delete a cookie
  Cookie cookie2 = new Cookie("cookie1", null);
   response.addCookie(cookie1);
   %>
<%
 //creating a cookie
```

```
Cookie cookie1 = new Cookie("aName", "aValue");
             response.addCookie(cookie1);
             //delete a cookie
             Cookie cookie2 = new Cookie("cookie1", null);
             response.deleteCookie(cookie2);
             %>
  In which cases it is correct(and mandatory) to specify the extension .class?
           findAncestorWithClass(this, MyTagHandler.class )
           <jsp:useBean id=
                                     " myBean
                                                   " class= "MyBean.class
" />
           < jsp:plugin type=
                                    " applet " code= " MyApplet.class
```

class>	< tag	-class>/tags/MyTagHandler.class
T 11		
Is "se:	ssionActiv	vated" a method of the HttpSessionActivationListener interface?
	True	
	False	
Select	the impl	icit objects from the given list
	sessio	on

request	
thread	
response	
In the case of JSP pages,	what is the type of the implicit variable 'out'?
OutputStream	
PrintStream	
PrintWriter	
JspWriter	

DataOutputStream
uri & prefix are the two mandatory attributes for JSP taglib directive?
True
False
truts saves the using one of its global constants.
variable

```
exception
           object
           Methods
logic:iterate id="blocksId" name="block" scope="request"
  type="com.patni.timf.dao.VmVoucherprofile">
      <OPTION value="<bean:write name="blocksId"</pre>
property="vpProfileName"/>">
      <bean:write name="blocksId" property="vpProfileName"/>
       </OPTION>
      What will the above code result into assuming that there are a number of entries in the
  database?
           The code will display nothing.
```

The code would populate the profile names in a dropdown List.
Only one profile name would be displayed.
None of the above
is the abstract base class for comparison tags.
CompareTagBase
EqualTag
GreaterThanTag

LessThanTag
What are the Valid Struts Action Classes?
DispatchAction
SwitchAction
LookUpDispatchAction
IncludeAction
The reset method on an ActionForm

Sets all properties to their initial value

Sets all properties to null
Repopulates all properties from the request parameters
None of above
When you have a global forward and a local forward in struts -config.xml, which
one will be called
global forward
local Forward
both

None		
Junit does not pro	ovide a new instance of fixture obje	ects for each test method
True		
False		
	it4 tests with Junit 3.x runner,	can be used to
	estAdapter class	
JunitTes	tAdapter class	

	Junit
	None of the above
Why do	es Junit, report only the first failure in a single test?
	Unit tests are not supposed to do too much of testing.
	Junit is designed to work better with number of small tests
	Junit executes each test within a separate instance of the test class.
multiple	A single test with multiple assertions is isomorphic to a test case with tests.

Test method should be annotated with	
@Test	
test	
Function name	
None of the above	
An Ant build file comes in the form of an	document
HTML	

XML

DHTML

Ant does not have tags for checking out files from VSS

True

False

Which of the following appender is invalid?

DailyRollingFileAppender

FileAppender

RollingFileAppender

None of the above

Command to set the logger to write to system console

log4j.appender=org.apache.log4j.ConsoleAppender

log4j.appender.console = TRUE

log4j.ConsoleAppender = TRUE

None of the above

What do you mean by hot deployment?

Automatically deploying the application

Deploy the application and restarting the server.

Deploying the application without restarting the server.

All of the above.

Which file is used to specify the Jboss port?

server.xml

context.xml

jboss - service.xml

None of the above.