

WT LAB INTERNAL EXAMINATION

Total points 10/10 ?

Paper Code: RIT 651

Duration: 15 Minutes

MCQS: 10

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✓ Q1. What is the output for the below code? *

1/1

```
public class A {  
    int i = 10;  
    public void printValue() {  
        System.out.println("Value-A");  
    };  
}  
public class B extends A{  
    int i = 12;  
    public void printValue() {  
        System.out.print("Value-B");  
    }  
}  
public class Test{  
    public static void main(String  
    argv[]){  
        A a = new B();  
        a.printValue();  
        System.out.println(a.i);  
    }  
}
```

- ☐ Value-A 11
- ☐ Value-B 11
- ☐ Value-A 10
- ☒ Value-B 10
- ☐ Option 5



✓ Q2. What is the output for the below code? *

1/1

```
class A {  
    public A(){  
        System.out.println("A");  
    }  
    public A(int i){  
        this();  
        System.out.println(i);  
    }  
}  
class B extends A{  
    public B (){  
        System.out.println("B");  
    }  
    public B (int i){  
        this();  
        System.out.println(i+3);  
    }  
}  
public class Test{  
    public static void main (String[]  
        args){  
        new B(5);  
    }  
}
```

- ☐ A B 5
- ☒ A B 8
- ☐ B 8 A 5
- ☐ A 5 B 8



✓ Q3. What will happen when you attempt to compile and run the following 1/1 code? *

```
1. public class Test extends  
Thread{  
2. public static void main(String  
argv[]){  
3. Test t = new Test();  
4. t.run();  
5. t.start();  
6. }  
7. public void run(){  
8. System.out.println("run-test");  
9. }  
10. }
```

- ☐ Compilation fails due to an error on line 4
- ☒ run-test run-test
- ☐ Compilation fails due to an error on line 7
- ☐ run-test



✓ Q4. What is the output for the below code? *

1/1

```
1. public class Test {  
2. int i=8;  
3. int j=9;  
4. public static void main(String[]  
args){  
5. add();  
6. }  
7. public static void add(){  
8. int k = i+j;  
9. System.out.println(k);  
10. }  
11. }
```

- ☐ 0
- ☐ 17
- ☒ Compilation fails with an error at line 8
- ☐ Compilation fails with an error at line 5



- ✓ Q5. Given the definition of MyServlet: What is the result when a request is sent to MyServlet? *

```
public class MyServlet extends
HttpServlet {
    public void
    service(HttpServletRequest
    req,HttpServletResponse
    res)throws ServletException,
    IOException {
        HttpSession s = req.getSession();
        s.setAttribute("myAttribute","myAt
        tributeValue");
        s.invalidate();
        res.getWriter().println("value=" +
        s.getAttribute("myAttribute"));
    }
}
```

- ☐ The string "value=null" appears in the response stream
- ☐ An InvalidSessionException is thrown at runtime
- ☐ The string "value=myAttributeValue" appears in the response stream
- ☒ An IllegalStateException is thrown at runtime. ✓

- ✓ Q6. The method on the result set that tests whether or not there remains at least one unfetched tuple in the result set, is said to be *

- ☐ Fetch method
- ☐ Access method
- ☒ Next method ✓
- ☐ Current method



✓ Q7. What is the output for the below code? *

1/1

```
public class A {  
    int k;  
    boolean istrue;  
    static int p;  
    public void printValue() {  
        System.out.print(k);  
        System.out.print(istrue);  
        System.out.print(p);  
    }  
}  
public class Test{  
    public static void main(String  
    argv[]){  
        A a = new A();  
        a.printValue();  
    }  
}
```

- ☐ 0 true 0
- ☐ Compile error - static variable must be initialized before use
- ☐ 0 0 0
- ☒ 0 false 0



✓ Q8. Which of the following sequence of method calls take place when an applet begins? *

1/1

- ☐ paint(), start(), stop()
- ☐ start(), init(), paint()
- ☐ init(), paint(), start()
- ☒ init(), start(), paint()



✓ Q9. Choose the correct JavaScript syntax to change the content of the following HTML code? `<p id="g">JavaScript & HTML</p>` * 1/1

- ☐ `document.getElement("g").innerHTML="HELLO JAVASCRIPT";`
- ☒ `document.getElementById("g").innerHTML="HELLO JAVASCRIPT";` ✓
- ☐ `document.getElementById("g").innerHTML=HELLO JAVASCRIPT;`
- ☐ `document.getId("g")="HELLO JAVASCRIPT";`

✓ Q10. Consider an XML file called `intro.xml` and a document type definition (DTD) file `intro.dtd` as follows. A validating parser will classify `intro.xml` as *

intro.xml

```
<?xml version="1.0"?>
<!DOCTYPE employee
SYSTEM="intro.dtd">
<employee>
  <empName>Ram</empName>
  <empId>101</empId>
</employee>
```

intro.dtd

```
<!ELEMENT employee
(empName,empId)>
<!ELEMENT empName
(#PCDATA)>
<!ELEMENT empId (#PCDATA)>
```

- ☐ Well-formed but not validated
- ☐ Validated but not well-formed
- ☒ Well-formed and validated ✓
- ☐ None of the Above

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