

Java Quiz 1

Unit 1

1. What makes java secure ?
(1 Point)

- ☒ Bytecode is executed by JVM
- ☐ The applet makes the Java code secure and portable
- ☐ Use of exception handling
- ☐ Dynamic binding between objects

2. Which datatypes are not in Java ?
(1 Point)

- ☐ boolean
- ☒ bool
- ☐ char
- ☐ integer

3. Which command is used to find and fix bugs in the Java programs?
(1 Point)

- ☐ javap
- ☐ javac

☐ java☒ jdb

```
4. class DemoJava {  
    static int a = 2;  
    static int b;  
    static void meth(int x) {  
        System.out.println("x = " + x);  
        System.out.println("a = " + a);  
        System.out.println("b = " + b);  
    }  
    static {  
        System.out.println("Static block initialized.");  
        b = a * 5;  
    }  
    public static void main(String args[]) {  
        meth(32);  
    }  
}
```

(1 Point)

- ☐ 1) static block initialized, 2) b=10, 3) a=2, 4) x=32
- ☒ 1) static block initialized, 2) x= 32, 3) a=2, 4) b=10
- ☐ 1) static block initialized, 2) a= 2, 3) b=10, 4) x=32
- ☐ none of these

5. In which memory a String is stored, when we create a string using new operator?
(1 Point)

- ☐ Stack
- ☐ String memory
- ☒ Heap memory
- ☐ Random storage space

6. What is the output of the expression - float a = 10/0 ?

(1 Point)

- ☐ 0
- ☐ no error
- ☒ java.lang.ArithmeticException: / by zero
- ☐ Infinity

7. Which keyword is used in java for making the values constant?

(1 Point)

- ☐ static
- ☐ const
- ☒ final
- ☐ none of these

8. What is the output of the following java code

```
class Test {  
    public static void main(String[] args) {  
        Test obj = new Test(n);  
    }  
  
    static int a = 10;  
    static int n;  
    int b = 5;  
    int c;  
    public Test(int m) {  
        System.out.println(a + ", " + b + ", " + c + ", " + n + ", " + m);  
    }  
  
    {  
        b = b*30;  
        n = n+20;  
    }  
  
    static  
{  
        a = 100;  
    }  
}
```

(1 Point)

- ☐ 10, 5, 0, 20, 0
- ☒ 100, 150, 0, 20, 0
- ☐ 100, 150, 0, 21, 0
- ☐ None of the above

9. Which among the following is not the feature supported by Java?

(1 Point)

- ☐ Architecture Neutral
- ☒ Use of pointers

☐ Object-oriented☐ Dynamic

10. What is the value in b ?

```
class Demo {  
  
    public static void main(String args[]) {  
  
        boolean b;  
  
        b = (10 > 6);  
  
        if(b)  
        {  
            System.out.println("10 > 6");  
        }  
    }  
}
```

(1 Point)

☐ 10 > 6☒ true☐ 0☐ false

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