COE 212

Engineering Programming (Section II)

Spring 2014

*W. FAWAZ*

Quiz I

**Problem I**

1. Which of the following is an invalid assignment statement?
   1. float age = 30.5;
   2. long age = 30;
   3. int age = 32L;
   4. **Both (a) and (c)**
2. The following expression: (int) (3.1416 \* 100) / 100 evaluates to
   1. **3**
   2. 3.1416
   3. 3.14
   4. None of the above
3. To add a to b and store the result in a, you would do:
   1. b += a;
   2. **a = a + b;**
   3. All of the above
   4. None of the above
4. If you want to output the text “hi there”, including the quote marks, which of the following could do that?
   1. System.out.print(\““hi there\””);
   2. System.out.print(“\“hi” + “there”\”);
   3. System.out.print(“\“hi” + “there\””);
   4. **None of the above**
5. What output is produced by the following statement?

System.out.print(20 + 5 + “”);

* 1. **25**
  2. 205
  3. 20 5
  4. None of the above

**Problem II**

1. Suppose a = 5. After the statement ++a; executes, the value of a would still be 5 because the output of the expression is not stored back into a.

Answer: True **False**

1. The following two ways of setting up a String yield identical results

a) String str = “12345”;

b) String str = “1” + “2” + 3 + ‘4’ + ‘5’;

Answer: **True** False

1. The output of the following code fragment is: Quiz is fun

String Quiz = “quiz”; String isFun = “ is fun”;

System.out.print(“Quiz” + isFun);

Answer: **True** False

1. After running the code shown below, the value stored in the variable y is 13

int y = 6;

y = ++y + y;

Answer: True **False**

1. The output of the following statement is: 4.0

System.out.print((double) (9/2));

Answer: **True** False