Question Category

Question 1
Which of the following is illegal?
Correct Feedback: Correct
Incorrect Feedback: Incorrect
Choose one answer.
○ 1. int i = 32;
Feedback: Incorrect
● 2. float f = 45.0;
Feedback: Correct
○ 3. double d = 45.0;
Feedback: Incorrect
○ 4. None of these
Feedback: Incorrect

Question 2
public class Test {
static int age;
public static void main (String args []) {
age = age + 1;
System.out.println("The age is " + age);
}
}
Correct Feedback: Correct
Incorrect Feedback: Incorrect
Choose one answer.
○ 1. Compiles and runs with no output
Feedback: Incorrect
● 2. Compiles and runs printing out The age is 1
Feedback: Correct
○ 3. Compiles but generates a runtime error
Feedback: Incorrect
○ 4. Does not compile
Feedback: Incorrect
○ 5. Compiles but generates a compile time error
Feedback: Incorrect

Question 4
Which of the following are correct?
Correct Feedback: Correct
Incorrect Feedback: Incorrect
■ 1. 128 >> 1 gives 64
Feedback: Correct
■ 2. 128 >>> 1 gives 64
Feedback: Correct
☐ 3. 128 >> 1 gives -64
Feedback: Incorrect
☐ 4. 128 >>> 1 gives -64
Feedback: Incorrect

Question 5
Which of the following return true?
Correct Feedback: Correct
Incorrect Feedback: Incorrect
■ 1. "john" == "john"
Feedback: Correct
■ 2. "john".equals("john")
Feedback: Correct

       ☐ 3. "john" = "john"
          Feedback: Incorrect
       ☐ 4. "john".equals(new Button("john"))
          Feedback: Incorrect

Question 6
    Which of the following are so called "short circuit" logical operators?
       Correct Feedback: Correct
       Incorrect Feedback: Incorrect
       ☐ 1. &
          Feedback: Incorrect
       ■ 2. ||
          Feedback: Correct
       ■ 3. &&
          Feedback: Correct
       ☐ 4. |
          Feedback: Incorrect

Question 7
    Which of the following are acceptable?
       Correct Feedback: Correct
       Incorrect Feedback: Incorrect
       ■ 1. Object o = new Button("A");
          Feedback: Correct
       ☐ 2. Frame f = new Panel();
          Feedback: Incorrect
       ☐ 3. Boolean flag = true;
          Feedback: Incorrect
       ☐ 4. Boolean flag = true;
          Feedback: Incorrect
       ■ 5. Panel p = new Applet();
          Feedback: Correct

Question 7
```
public class Test {
static int total = 10;
public static void main (String args []) {
new Test();
}
public Test () {
System.out.println("In test");
System.out.println(this);
int temp = this.total;
if (temp > 5) {
System.out.println(temp);
}}}
```
       Correct Feedback: Correct
       Incorrect Feedback: Incorrect
    Choose one answer.
       ○ 1. The compiler reports an error at line 2
          Feedback: Incorrect
       ○ 2. The class will not compile
          Feedback: Incorrect
       ○ 3. The value 10 is one of the elements printed to the standard output
          Feedback: Incorrect
       ○ 4. The compiler reports an error at line 9
          Feedback: Incorrect
       ○ 5. The class compiles but generates a runtime error
          Feedback: Incorrect