Quiz | 3

Quiz Details
CS 116 – INTRODUCTION TO COMPUTER TECHNOLOGY AND PROGRAMMING

Student Details	
Name	

1. There are 3 statements below. Rewrite them as a single equivalent statement that makes use of the increment and/or decrement operators. Do not use the comma operator.

   ```
   b = b + 1;
   c = a − b;
   a = a + 1;
   ```

   [1 points]

2. What is the output of the following code?

   [2 points]

```
var red:int = 2;
var blue:int = 0;

switch (red)
{
      case 1:
      {
            blue = 0;
      }
      case 2:
      {
            blue = 1;
      }
      case 3:
      {
            blue = 2;
      }
      default:
      {
            blue = 3;
      }
}

trace(blue);
```

Output:

3. What is the output of the following code?

[2 points]

```
var iVariable:int = 10;

if(iVariable++ == 11)
{
      iVariable = 12;
}

trace(iVariable);
```

Output:

4. What does the following code trace? Use the precedence chart to help you.

[2 points]

```
var a:int=0, b:int = 4, c:int=0;

if(a++ && ++b || c++)
{
      trace(true);
}
else
{
      trace(false);
}

trace(a + " " + b + " " + c);
```

Output:

5. Change the following code into a switch statement.

[3 points]

```
var a:uint = 5;

if(a==0)
{
      trace("a is equal to 0");
}
else if(a==1)
{
      trace("a is equal to 1");
}
else
{
      trace("a is greater than 1");
}
```

Final Grade

/10

~ END OF PAPER ~