**COMPUTER SCIENCE II WEEKLY QUIZ 01/13/2017**

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**Each question below is worth 10 points. Please answer clearly in the space provided**

1. Explain what the following code is going to do and provide the output:

document.write(3.1415926535897932.toFixed(10));

This code will round 3.1415926535897932 10 decimal places. The output will be 3.1415926535.

1. What is the disadvantage of using the method from question number 1?

A disadvantage of using the toFixed() method is that it will print a string text. To avoid it, multiply the number by 1.

1. Describe the specific objective of the Chapter 2 Review Assignment.

The specific objective of the Chapter 2 Review Assignment is to use functions and countdown commands properly. Also to use date formats correctly, and to set time intervals to delay the time.

1. Name any 5 city events listed in this assignment.

5 city events listed in this assignment are Heritage Day, spring day rally, Fireworks, Holiday Party, and Summer Bash

1. You want to delay the execution of your code by 25 seconds. What specific value is needed in order for this delay to occur?

If you want to delay your code by 25 seconds, you have to use setInterval(). Between the parentheses is the amounts of milliseconds you want to delay, so it will be 25,000 milliseconds for 25 seconds.

1. Which function from the list below sets the correct year value for the first event on the website in the Chapter 2 Review Assignment?

a) setYear()

b) changeYear()

c) showYear()

d) showCountdown();

e) None of the above

1. Describe the difference between timed-interval commands and time-delayed commands.

Timed-interval commands are commands in a loop by setting time intervals to elapse between each run. This is used for countdowns. Time-delayed commands are executing commands after a specific amount of time has passed. This is used in error messages.

1. Review the code sample below. What is going to happen on the page in the Review Assignment when this code executes?

<body onload = "showCountdown()">

When the code executes, function showCountdown will execute. The countdown clock will show up when you load the screen, and it will constantly be counting down.

1. Describe the difference between comparison operators and conditional operators.

A comparison operator compares two expressions in order to determine which is greater or if they are equal. Conditional operators test whether a condition is TRUE or if it is FALSE.

1. Review the code sample below. What is it? What is it going to do?

var msg = (AcctBal <=0) ? “Account out of funds” : “Have a nice day”;

This is going to write “Account out of funds” : “Have a nice day” if the variable msg equals AcctBal being less than or equal to 0.