**Review series for exam #1 Fall 2020**

**Please handwrite the answer, that will help you for the exam**

What is the difference between JavaScript and PHP? What will the names of the landing page under each? **V**

What are the differences between compiled and interpreted languages? **V**

What are the three flavors (components) of JavaScript? What is DOM? **V**

What is the purpose of CSS? Difference between static and dynamic pages? **V**

Write a simple HTML code showing head and body. What is the difference between functions in the head and the body? **V**

Given a number display in words. Suppose you already have two arrays of strings of ones and teens. You also have these variables: thousands, hundreds, tens and ones, already populated from math calculations. Suppose the number you chose is 6843. show what will be saved in each of the variables and show how to write it out in words. **V/?**

Explain each of the components of WebServices. **V**

Write essential code to find thousands, hundreds, tens and ones in a given number **V**

Write essential code to find Total principle at the end of 10 years, for $10,000 investment with an interest rate of 10%, compounded daily. **V**

Add $100 to the principle every thirty days. **V**

Give code to connect PHP to a database **V**

Differentiate between S, C and limited liability (professional) corporations. **V**

Differentiate between common stock and preferred stock, also stock split and reverse split. **V**

What are the advantages and disadvantages of forming a corporation? Where do one apply for formation **V**

List 9 components of a traditional business plan and write one sentence each. **V/?**

Implement push and pop functions in an array based stack. **V**

Write an algorithm for performing postfix calculations using array based stack. **V/?**

Suppose you created a PHP form to get name and telephone number using post method. Explain how the two values entered can be sent to another form or the current form itself. **V/?**

Create a really short .css file and a .html file. Use the .css file within the .html file. **V**