Advance Excel Assignment 2

1. What does the dollar($) sign do?

Ans. The dollar sign fixes the reference to a given cell, so that it remains unchanged no matter where the formula moves.

2. How to Change the Reference from Relative to Absolute (or Mixed)?

Ans. 1. Select the cell that contains the formula.

   2. In the formula bar. select the reference that you want to change.

   3. Press F4 to switch between the reference types.

3. Explain the order of operations in excel?

Ans. Excel follows a standard math protocol called "order of operations". In general, Excel's order of operation follows the acronym PEMDAS (Parentheses, Exponents, Multiplication, Division, Addition, Subtraction) but with some customization to handle the formula syntax in a spreadsheet.

4. What, according to you, are the top 5 functions in excel and write a basic syntax for any of two?

Ans. SUM Function. The sum function is the most used function when it comes to computing data on Excel. **Syntax**: SUM (number1, number2, etc.)

   TEXT Function – **Syntax:** TEXT (value, format_text)

   VLOOKUP Function – **Syntax:** =VLOOKUP (lookup value, table array, col_index_num, *range lookup*)

   AVERAGE Function – **Syntax:** AVERAGE (number1, number2, etc.)

   CONCATENATE Function – **Syntax:** CONCATENATE (text1, [text2…text_n])

5. When would you use the subtotal function?

Ans. The SUBTOTAL function is designed for columns of data, or vertical ranges. It is not designed for rows of data, or horizontal ranges. The SUBTOTAL function in Microsoft Excel returns the subtotal value from a range of cells. It allows you to use other functions, like AVERAGE or COUNT, to find custom totals from a dataset.

6. What is the syntax of the VLOOKUP function? Explain the terms in it?

Ans. Syntax: =VLOOKUP (lookup value, table array, col_index_num, *range lookup*)