**Advance Excel Assignment 2**

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

indicating absolute cell references in formulas

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

Switch between relative, absolute, and mixed references

Select the cell that contains the formula.

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

Press F4 to switch between the reference types.

1. **Explain the order of operations in excel?**

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. First, any expressions in parentheses are evaluated.

1. **What, according to you, are the top 5 functions in excel and write a basic syntax**

**for any of two?**

#1 SUM in Excel.

#2 COUNT Excel Function.

#3 COUNTA in Excel.

#4 COUNTBLANK in Excel.

#5 AVERAGE in Excel.

#6 MIN Formula in Excel.

#7 MAX Formula in Excel.

#8 LEN in Excel.

(IF function, one of the logical functions, to return one value if a condition is true and another value if it's false. For example: =IF(A2>B2,"Over Budget","OK")

(=SUM(A2:A10) Adds the values in cells A2:10.

=SUM(A2:A10, C2:C10) Adds the values in cells A2:10, as well as cells C2:C10.)

1. **When would you use the subtotal function?**

The SUBTOTAL function is designed for columns of data, or vertical ranges. It is not designed for rows of data, or horizontal ranges. For example, when you subtotal a horizontal range using a function\_num of 101 or greater, such as SUBTOTAL(109,B2:G2), hiding a column does not affect the subtotal**.**

1. **What is the syntax of the vlookup function? Explain the terms in it?**

VLOOKUP function says: =VLOOKUP(What you want to look up, where you want to look for it, the column number in the range containing the value to return, return an Approximate or Exact match – indicated as 1/TRUE, or 0/FALSE).