**Advance Excel Assignment 2**

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

In Excel, a dollar sign can denote a currency format, but it has another common use: indicating absolute cell references in formulas.

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

Open Microsoft Excel. Highlight the cell containing the formula you want to have changed to an absolute or relative reference. Click the formula box (shown below) or highlight the formula and press the F4 key to switch between an absolute and relative cell reference.

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

When evaluating a formula, 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?**

1.SUM =SUM (cell1: cell2)

2.AVERAGE= AVERAGE (C1, C2, C3…)

3.COUNT=COUNT (cell1, cell n)

4.POWER= POWER (Cell, value)

5.REPLACE = REPLACE (Cell, value)

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

The SUBTOTAL function is used when you display a Total row in an Excel Table. Excel inserts the SUBTOTAL function automatically, and you can use a drop-down menu to switch behaviour and show max, min, average, etc.

AVERAGE: 1

SUM: 9

MAX: 4

COUNT: 2

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

In its simplest form, the 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).

VLOOKUP (value, table, index number, [approximate match])