**Advance Excel Assignment 2**

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

The dollar sign in an excel cell reference when the formula is moved or copied to other cells without changing row and column number.

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

To change the reference from relative to absolute, you need to add the dollar sign before the column notation and the row number.

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

In Excel, the order of operations we follow PEMDAS

P – Parentheses,

E – Exponents,

M – Multiplications,

D – Divisions,

A – Additions,

S – Subtractions.

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

In Excel there are many important functions we use.

The top 5 functions are sum, average, lookup, match, index, etc.,

**Sum Syntax:**

=sum(range of cells)

**Average syntax:**

=avg(range of cells)

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

The SUM function will include filtered rows in its calculation while the subtotal function will exclude filtered data by only using the rows that remain visible after filters are applied.

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

**Vlookup syntax :**

=vlookup(lookup value, table\_array, column index, range lookup)