**Advance Excel Assignment 2**

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

Ans. The dollar($) sign used to create absolute cell reference which means it will not change when you copy or fill the formula to other cells.

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

Ans. We can add dollar ($) sign to cell reference to change reference from relative to absolute.

3. Explain the order of operations in excel?

Ans. Order of operation in excel are as follows, parentheses, exponents, multiplication and division, addition and subtraction and concatenation.

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

Ans. Excels offers many operations /functions in excel for data analysis. However top 5 functions can be according to me, sum, average, count, if, index, vlookup.

SUM Function:

Syntax: =SUM(number1, [number2], [number3], ...)

The SUM function adds up a range of numbers or individual cells.

IF Function:

Syntax: =IF(logical\_test, value\_if\_true, value\_if\_false)

The IF function performs a logical test and returns one value if the test is true and another value if the test is false.

5. When would you use the subtotal function?

Ans. The SUBTOTAL function in Excel is used when you want to perform calculations on a range of data while excluding other calculations.

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

Ans. The VLOOKUP function in Excel is used to search for a value in the leftmost column of a table and return a corresponding value from a specified column. The syntax for the VLOOKUP function is as follows: =VLOOKUP(lookup\_value, table\_array, col\_index\_num, [range\_lookup])