**Advanced excel assignment -2**

1Ans: The dollar sign in an Excel cell reference affects just one thing - it **instructs Excel how to treat the reference when the formula is moved or copied to other cells**. In a nutshell, using the $ sign before the row and column coordinates makes an absolute cell reference that won't change.

2Ans: **Switch between relative, absolute, and mixed references**

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.

3Ans: In general, Excel's order of operation follows the acronym PEMDAS **(Parentheses, Exponents, Multiplication, Division, Addition, Subtraction)**

4Ans: The following are the top 5 functions according to me

1)SUM

2)TEXT

3)VLOOKUP

4)AVERAGE

5)CONCATENATE

The following are the syntaxes for vlookup and concatenate

=vlookup(lookup\_value,table\_array,col\_index\_number,[range\_lookup])

=concatenate(text1,text2,…..)

5Ans: Use the SUBTOTAL function **to exclude filtered or hidden rows when calculating a total**. You can choose any one of the 11 functions that SUBTOTAL can calculate, such as Sum, Average, Count or Max

6Ans: The following is the syntax of vlookup function

=VLOOKUP(loolup\_value,table\_array,col\_index\_number,[range\_lookup])