**Question 2** (Refer Excel Sheet-2)**: (8 points)**

An institute generates student Ids as 9 characters, where the first 4 characters are the year, then the next two are the stream code, and last 3 are the serial number.

**Example** : 1994C3365 = 1994 & C3 & 365

It wants to change the stream code to a more meaningful new system as given in Table 1, for example C3 will change to HM and new id will be 1994HM365.

This is done in 3 steps as shown in the spreadsheet.

**Step 1**: The old stream code is extracted . Write a formula in cell C4 which will be copied downwards, to do this.

**Formula in C4**:

=MID($B4,5,2)

**Step 2**: In D4, find the new stream code corresponding to the old stream code in C4.

Again, this formula will be copied downwards.

**Formula in D4**:

= VLOOKUP($C4,$I$3:$J$11,2,0)

**Step 3**: Generate the new Id in cell E4

**Formula in E4**:

=REPLACE($B4,5,2,$D4)

