**ICT APPLIED TO INSURANCE**

**CONTINUOUS ASSESSMENT(CA)**

This sample file has commercial property insurance policy data.

* There are 10 columns of data, with no calculations.
* There are 440 rows of data in the insurance policy table, Divided into 4 separate sheets, indicating data for 4 quarters
* Names in the header row are one word, with no spaces

Each row shows the following fields:

* **Policy**: Policy number, entered as text
* **Expiry**: date that policy expires
* **Location**: location type - Urban or Rural
* **State**: name of state where property is located
* **Region**: geographic region where property is located
* **InsuredValue**: property value
* **Construction**: Construction type of property, e.g. frame or masonry
* **BusinessType**: Business use type for property, e.g. farming or retail
* **Earth**: Is earthquake coverage included? Y or N
* **Flood**: Is flood coverage included? Y or N

**Task (30mks)**

1. Open the Spreadsheet workbook titled “CA PRACTICAL SHEET”
2. Start with any of the four sheets and record a Macro based on the following actions:
3. For the heading, set the font to size=14,colour=red and bold**(3mks)**
4. Convert the Expiry date to the format dd/mm/yyyy **(2mks)**
5. Insert borders on all the data**(2mks)**
6. Create a Pivot Table and Aggregate the following columns**(5mks)**:
   1. Location and sum of insured value
   2. State and sum of insured value
   3. Region and sum of insured value
   4. Construction with Count of Business Type and Sum of Insured Value
7. Insert two charts **(5mks)**:
   1. Construction (x-axis) versus Sum of Insured Value(y-axis)
   2. State (x-axis) versus sum of insured value(y-axis)
8. Stop and save the Macro. Apply the Macro to the other three sheets**. (5mks)**

Application

1. Which of the Quarters was most performant? **(2mks)**
2. Which of the states recorded the Lowest and Highest Insured Value, averagely**. (2mks)**
3. State 2 reasons why the insured value is higher in Urban than rural location. **(2mks)**
4. Save your work(Excel workbook) with your name and matricule Number.Send your work as an Attachment through email using the address : [novalla.derek@gmail.com](mailto:novalla.derek@gmail.com) **(2mks)**