

## Results guide for PHYS222 Electrostatics Experiment

The following definitions are for your edification.

data | 'datə, 'dātə|

noun [ treated as sing. or pl. ]

facts and statistics collected together for reference or analysis. See also **datum**.

result |ri 'zəlt|

noun

• an item of information obtained by experiment or some other scientific method; a quantity or formula obtained by calculation.

In this experiment your set of **diagrams** (with the appropriate labels and descriptions) are your data. These should be placed in the data section of your report. *If you give the diagrams as results you will be penalized.*

Please use the following outline to present your “Results for this experiment.

### Results

*(Short qualitative statements summarizing the following headings- be sure and include the headings)*

- part 1- Behavior of a conductor and insulator (in presence of charged object)
- part 2 –Charging an electroscope by conduction
- part 3 –Charging an electroscope by induction
- part 4- Behavior of electroscope and flame