A Few Words

Delivered by **Ashfaq Md. Ansery**

Presentation of the Report

Judged on

- Appearance
- **Organization**
- Language

Appearance

- Report will be typewritten otherwise neatly handwritten
- The report should have cover page
- All pages should be numbered

Appearance cont....

Before you staple the pages together stop and check

- Do all necessary sections and pages appear in the correct order?
- Hopefully you have left ample margin on the left so that the ordinate levels on the graphs are visible

Appearance cont...

- If a table has to be read across the side of the page, the top of the page should be on the left land side
- If you have used large sheets of graph paper for some of the figures, fold them after the report is stapled together

Organization

- There has to be continuity meaning throughout the report
- The logical development of thought, and the orderly presentation of the subject matter provides easy reading for recipient

- Use the correct tense and mood choose words that convey your meaning exactly
- Accuracy in expressing your thoughts is just as important as it is in your calculation

Use accurate scientific vocabulary

My results were puzzling/ curious (The results obtained were unexpected)

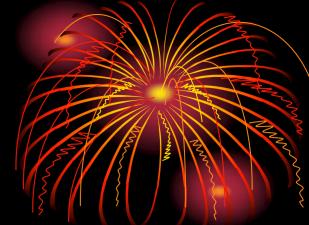
Here are some examples and their improvements

Formal		Informal	
increased/ decreased	$\sqrt{}$	got bigger/ got smaller	X
obtained	$\sqrt{}$	got	X
advantages	$\sqrt{}$	pros	X
conduct, carry out	√ √	do	X

Omit needless words.

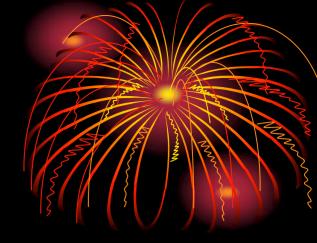
See the following examples:

- "due to the fact that" can be replaced by "since" or "because"
- "in spite of the fact that" becomes "though"



Limit your use of:

- personal pronouns (*I, you, we*)
- emotionally loaded words (wonderful, useless, lovely)



 Do not use contractions (isn't, there's →is not, there is).

Probably the best advice is to avoid using the apostrophe!! Write out the expression in full.

- the iron's resistivity → the resistivity of the iron
- the cube's diameter → the diameter of the cube

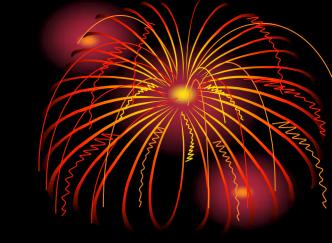
For the most part, your report should be written in the past tense; that is, you should write as if everything took place in the past except your construction of the report

- "The objectives were ..."
- "The apparatus consisted of . . ."
- "The valve <u>was</u> opened."

• "The curve in Figure 3 shows that the heat transfer coefficient increased linearly..."

Notice: "The curve <u>shows</u>...", but "... coefficient increased..."

The Theory section should be basically in present tense, but use past tense when describing previous work



Example:

"Equation 3 gives the equation of state for this system. Jacob et al. (1994) obtained values for ..."

Other Important Points

Placement of tables and figures

All tables and figures should be inserted in the report should immediately after they are first mentioned

Other Important Points cont.....

Numbers, significant figures
 One of the most common faults in reporting quantitative information is the inclusion of an excessive number of digits in numerical quantities

Other Important Points cont....

 Numbers should always be reported with at least one integer to the left of the decimal point -- even if that integer is 0. For example, write 0.591, not .591

Other Important Points cont.....

Those pages in the report that precede the introduction should be numbered with lower case Roman numerals

Other Important Points cont....

Example

The Title Page is considered to be page -i-, but is not numbered. It is followed by the <u>Abstract</u>, numbered -ii-, and then by the <u>Table of Contents</u>, numbered -iii-, and so on.

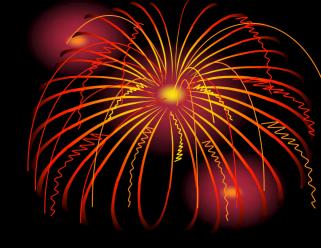
Other Important Points cont....

Beginning with the first page of the Introduction, all pages, including tables, figures and appendices, should be numbered successively with the numerals 1, 2, 3, etc.

Other Important Points cont.....

Last but not least

if the report is not stapled it is just a collection of loose sheets; the loose sheets may end up on the floor or even in the executive wastepaper basket





The End