AP BIOLOGY

CHAPTER 6 STUDY GUIDE

Know the ***definition*** and the ***characteristics*** of the following terms: Be able to ***compare*** and ***contrast*** them.

SEM

TEM

Prokaryotes

Eukaryotes

For each of the following parts of a cell, be able to ***discuss*** ***the structure and relate it to the function:*** (The chart on p. 123 will help you to organize your thoughts.)

**SKETCH**  **STRUCTURE FUNCTION**

Nucleus

Ribosomes

Endoplasmic Reticulum

Golgi Apparatus

Lysosome

Vacuole

Mitochondrion

Chloroplast

Peroxisome

3 Structures of the Cytoskeleton

(Microtubules,Microfiliments and Intermediate Filiments) p. 113