College Prep Biology Cell Structure Chapter 3A Studyguide

**Chapter Review**: 1-10, 12-20, & 27 **Reading:** 68 - 80
**Terms:** Sec. 3.1- 3.2

Eukaryotic –

Prokaryotic –

Cytoplasm

Cytosole –

Cytoskeleton –

Cell membrane –

Lumen –

Nucleolus –

Cilia –

Flagella –

Centrioles –

Centrosome –

 Ribosome –

Cell wall -

**Concepts**:

*Be able to:*

1. Know the 3 parts of the cell theory.
2. Identify and provide functions for the 3 types of cytoskeleton.
3. Identify, name, and provide a function to the following organelles.

*Nucleus*

*Smooth endoplasmic reticulum*

*Rough endoplasmic reticulum*

*Golgi*

*Vesicles*

*Mitochondria*

*Vacuole*

*Lysosome*

*Chloroplast*

1. Identify and name and give the function for the cell parts in figure 3.6.
2. Identify prokaryotic and eukaryotic cells and their parts.
3. Identify the similarities and differences between plant and animal cells.
4. Identify the parts listed on your cell project and be able name them and provide a function for them.
5. Provide example of all cell types in the chapter.

**Notes**:

1. Study your notes. I will take things from the notes even if they are not on the study guide!!!
2. There may be questions listed on the chapter review and put them on the test.
3. Remember that a study guide is just that a study guide not an answer key!
4. Read through both your notes and assignments.