Study Guide Chapter 7 Cells

**Vocabulary**

Prokaryote

Eukaryote

Mitochondria

Chloroplast

Ribosome

Organ system

Osmosis

Diffusion

Cell membrane

Vacuole

Cell wall

Cytoplasm

**Concepts**

Know the three parts of the cell theory.

Who was the first person to identify see cork cells?

What did Schleiden and Schwann discover?

What can we find INSIDE of the nucleus?

Name three functions of the cell’s nucleus.

How does diffusion work?

What are the components of the cell membrane?

How are cells of multicellular organisms

What are the levels of organization in a multicellular organism?

Know what the organelles in a cell look like and their function.