

SNC 2P - Cells Exam Review

1. Be familiar with (write definitions for) the following organelles:
 - cell membrane
 - cell wall
 - chloroplasts
 - deoxyribonucleic acid (DNA)
 - endoplasmic reticulum
 - Golgi bodies
 - lysosomes
 - mitochondria
 - nucleus
 - ribosomes
 - vacuoles
2. Be able to add the above labels to a diagram of a cell!
3. Be able to fully label a diagram of the digestive tract.
4. What are the differences between plant and animal cells? What does the process of photosynthesis do? Does this occur in plants or animals. What does the process of cellular respiration do. Does this occur in plants or animals.
5. Be able to completely label a diagram of a microscope.
6. Write out the stages of mitosis in order and give one main point about what is observed (or is happening) during each stage.
7. What is cell specialization. Create a list of organization that starts at cells and ends at individual that indicates level of organization
8. What are the four main types of cells?
9. Classify each of the following under the four main types of cells from question #8
 - blood
 - bones
 - brain cells
 - cardiac muscles
 - fat tissue
 - gland and some organ tissues
 - ligaments and tendons
 - membranes
 - nerves
 - skeletal muscle
 - skin
 - smooth muscles