

Biology
Review for Quiz #1

Name: _____

Date: _____ Hour: _____

1. How does a eukaryotic cell differ from a prokaryotic cell?

a. Difference(s): _____

b. Example of a eukaryote: _____

c. Example of a prokaryote: _____

2. What are the 3 parts of the cell theory?

a. _____

b. _____

c. _____

3. Who was the first person to see cells under a microscope? _____

4. How do you distinguish between a plant cell and an animal cell? _____

5. Describe the function and structure of the following:

a. Cytoplasm

function: _____

structure: _____

b. Cytoskeleton (microtubules and microfilaments)

function: _____

structure: _____

c. Nucleus

function: _____

structure: _____

d. Nucleolus

function: _____

structure: _____

e. Ribosome

function: _____

structure: _____

f. Endoplasmic reticulum (rough and smooth)

function: _____

structure: _____

g. Golgi apparatus (also called Golgi bodies)

function: _____

structure: _____

h. Vacuole

function: _____

structure: _____

i. Lysosome

function: _____

structure: _____

j. Centrioles

function: _____

structure: _____

k. Mitochondria

function: _____

structure: _____

l. Chloroplast

function: _____

structure: _____

m. Cell wall

function: _____

structure: _____

n. Cilia and flagella

function: _____

structure: _____

o. Cell membrane (plasma membrane)

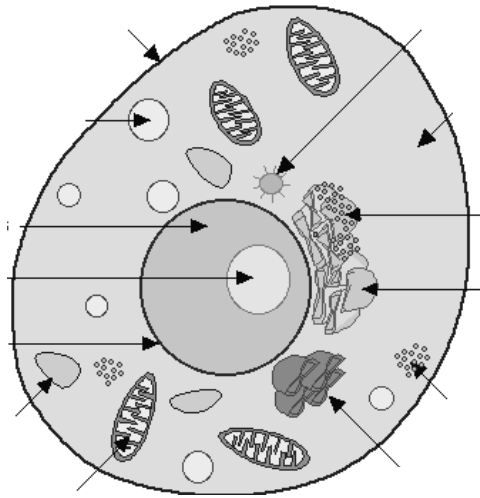
function: _____

structure: _____

6. What does it mean to be selectively permeable? _____

7. Be able to label the parts of a cell:

Plant or animal cell? _____



Plant or animal cell? _____

