1. a. Name the three domains of living organisms. (0.75 pt)
   
   b. Which domain includes humans? (0.25 pt)

2. What is the function of the following microscope parts? (1 pt)
   
   Condenser –

   Aperture diaphragm –

3. What is the magnification if you use a 10X ocular lens and a 40X objective lens? (0.25 pt)

4. Name three structures that are present in plant cells and are absent in animal cells. (0.75 pt)

5. True or False: Prokaryotic cells contain membrane-bound organelles such as nuclei and mitochondria. (0.5 pt)

6. The metric system is based on powers of ten. Complete the following: (0.75 pt)
   
   1 meter = _________ cm = _________ mm = ______________ µm

7. For each cell motility type listed below, name a protist you saw in lab that uses this type of motility. (0.75 pt)
   
   cilia –

   pseudopodia –

   flagella –