**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_ Seat #\_\_\_\_\_**

**RWS 8.2: Cell Structure**

1. What is cytoplasm?
2. List two things that can be found in the nucleus.
3. What are ribosomes and what do they do?
4. Describe the function of the Golgi apparatus.
5. Many plant cells have a large central vacuole. What is its function?
6. What are lysosomes? What do they do?

1. What are two of the principal protein filaments that make up the cytoskeleton?
2. Which organelle is the powerhouse of the cell?
3. How are mitochondria inherited?
4. What is the endosymbiotic theory?
5. What type of cell does not have a cell wall?
6. Describe a lipid bilayer.
7. Describe the fluid mosaic model