**CHAPTER 7: CELL STRUCTURE AND FUNCTION OUTLINE QUIZ #2B**

***SECTION 3: Structures and Organelles (Golgi – flagella)***

1. The golgi apparatus \_\_\_\_\_\_, sorts, and packages proteins into sacs called \_\_\_\_\_\_.
2. \_\_\_\_\_\_ store food, enzymes, and other materials including \_\_\_\_\_ products.
3. \_\_\_\_\_\_ are larger in plant cells and some \_\_\_\_\_\_\_\_ cells do not have them at all.
4. Lysosomes contain \_\_\_\_\_\_ that digest \_\_\_\_\_\_\_, \_\_\_\_\_\_, as well as \_\_\_\_\_\_\_ and \_\_\_\_\_\_\_.
5. Why do lysosomes fuse with vacuoles sometimes?
6. \_\_\_\_\_\_ are made of microtubules and found in both \_\_\_\_\_ and \_\_\_\_\_\_ cells, their main function is for assistance during \_\_\_\_\_\_.
7. The mitochondrion converts \_\_\_\_\_\_ into usable energy for the cell.
8. Why is the inner membrane of the mitochondria highly folded?
9. Chloroplast are found in \_\_\_\_\_ and \_\_\_\_\_\_ cells and are responsible for converting light energy to \_\_\_\_\_\_ energy in a process called photosynthesis.
10. What is chlorophyll and what is its function?
11. Chloroplasts are a type of \_\_\_\_\_\_. Others store \_\_\_\_\_ or \_\_\_\_\_\_. While others contain \_\_\_\_\_, \_\_\_\_\_\_, or \_\_\_\_\_ pigments that trap \_\_\_\_\_ energy.
12. A cell \_\_\_\_ surrounds the plasma membrane and are found in the cells of \_\_\_\_\_\_, \_\_\_\_\_\_, some \_\_\_\_\_\_, and some \_\_\_\_\_\_.
13. Plant Cell walls are made of \_\_\_\_\_\_\_\_ which is a type of carbohydrate.
14. Compare and Contrast Cilia and Flagella.

Label the following numbers from each cell on the back and color the structures. Label and create a color key only for the numbers listed below.

**CELL 1 –**

#’s - 1, 2, 4, 5

**Cell 2**

#’s – 2 – 7, 9, 11-15, 17, 19, 21

**Cell 3**

#’s – 1-4, 6, 7, 9-18