**7.2 Cell Structure (continued…)**

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| **Use the glossary in your BIOLOGY TEXTBOOK to define the following terms.** |

1. Cytoplasm-
2. Organelle-
3. Vacuole-
4. Lysosome-
5. Cytoskeleton-
6. Centriole-
7. Ribosome-
8. Endoplasmic Reticulum-
9. Golgi Apparatus-
10. Chloroplast-
11. Mitochondrion-
12. Cell wall-

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| **In your BIOLOGY TEXTBOOK read pages 198-199 and page 202 to answer the following questions.** |

**Organelles that Store, Clean Up, and Support**

**Vacuoles and Vesicles**

1. Describe the structure of a vacuole.
2. What is the function of a vacuole?
3. In addition to storing materials what does the vacuole do for a plant cell?
4. What is the function of vesicles?

**Lysosomes**

1. What is located within the lysosomes?
2. What is the function of lysosomes?

**The Cytoskeleton**

1. How are Eukaryotic cells given their shape and organization?
2. How can the cytoskeleton be like a conveyor belt?
3. What are two protein filaments that make up the cytoskeleton?
4. What is the function of the flagella?

**Organelles that Capture and Release Energy**

1. How do cells get energy?

**Chloroplasts**

1. What can chloroplasts be compared to?
2. What is the function of chloroplasts?

**Mitochondria**

1. What can the mitochondria be compared to?
2. What is the function of mitochondria?