**Biology for Health Sciences**

**Chapter 21-23 Name:**

1. Are viruses alive?
2. Viruses are species specific and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ specific.
3. A virus (virion) is made up of a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
4. What is a bacteriophage?
5. Will antibiotics work for a viral infection? \_\_\_\_
6. What is a temperate virus?
7. What are prions?

**Bacteria:**

1. The 3 Domains of Life are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. The 2 Domains of bacteria are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. What are the 3 basic bacteria shapes? \_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_
4. Bacterial cell wall is made up of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
5. What is the purpose of the flagella?
6. Some bacteria have endospores, what does the endospore do?
7. Some bacteria cause disease. However, many bacteria are beneficial. List some of examples of the benefits of bacteria:

**Protists:**

1. What Domain are protists in? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Protists that are heterotrophic are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. Protists that are autotrophic are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
4. Unicellular algae are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
5. Multicellular algae are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
6. Identify: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



1. Identify: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



1. Identify: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



1. Identify: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

