Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Fill In the Blank**

**Vocabulary:**

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are disease causing agents.
2. The body’s specific recognition, response, and memory to a pathogen attack is called \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_.
3. Antibodies are \_\_\_\_\_\_\_\_\_\_\_ that either attack \_\_\_\_\_\_\_\_\_\_\_\_\_\_ directly or produce antigen-binding proteins.
4. \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ is temporary immunity that develops as a result of natural or deliberate exposure to an antibody.
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ disease is a disease caused by a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that disrupts normal body functions.
6. A lymphocyte is a \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_ that reacts to each kind of pathogen with a defense targeted specifically at the pathogen.
7. The ability of the immune system to destroy pathogens before they can cause a disease is \_\_\_\_\_\_\_\_\_\_\_\_\_\_.
8. Antibiotics are a group of \_\_\_\_\_\_\_\_\_\_\_\_ used to block the growth and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of bacterial pathogens.
9. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a heating process that is widely used to kill microorganisms in \_\_\_\_\_\_\_\_\_\_\_ products.
10. A \_\_\_\_\_-Cell is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that identifies pathogens and distinguishes one pathogen from another.

**The Immune System:**

1. The immune system is a combination of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and complex configurations and procedures within an \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that protects against disease or infection.
2. A vaccination is an example of \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. B-Cells make \_\_\_\_\_\_\_\_\_\_\_\_\_\_.
4. Some signs of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are pain, heat, redness, and swelling.
5. B-Cells divide to produce \_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ cells.
6. When the immune system responds to strep throat, it is responding to the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ system.