**VIDEO GUIDE FOR BOZEMAN BIOLOGY IMMUNE SYSTEM**

1. Our “castle wall” is our \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. How does the skin protect us against infection (list at least 3 ways)?
3. If an invader gets through our skin, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ occurs to combat the invader
4. The “big eaters” in our immune system are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. The word “antigen” means \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. Antibodies counteract antigens in two ways:
   1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. The two types of lymphocytes are:
8. B lymphocytes are responsible for the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ response, which means it happens in the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of the body.
9. Antibodies are produced by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
10. T lymphocytes are produced by the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ response.
11. Where are B cells and T cells made?
12. Which cell initiates both the humoral and cell mediated responses?
13. Which cells of the immune system are attacked by HIV?
14. What do memory cells do? How does this effect the response time of your immune system?