

Microbiology for Health Sciences

Chapter 16 Study Aid

Name: _____

PRINT AND HANDWRITE YOUR ANSWERS!

1. What are the 2 parts of the Immune System?
2. Components of the innate immune system are found in what organisms?
3. The adaptive immune system is found only in _____.
4. What are the 4 attributes of the adaptive immune system?
5. Lymphocytes include _____ cells and _____ cells.
6. Name the primary lymphoid organs.
7. Name the secondary lymphoid organs.
8. What are antigens?
9. Are all antigens pathogenic?
10. B cells produce _____.
11. List the 5 classes of antibodies found in mammals.

12. What is the function of cytotoxic T cells (T_C)?

13. What is the function of helper T cells (T_H)?

14. MHC, antigen processing – looking at the Powerpoint, complete this sentence: “When one of your cells is infected by a virus.....”

15. MHC, antigen processing – looking at the Powerpoint, complete this sentence: “If one of your white blood cells phagocytizes a bacteria.....”

16. Describe what happens during a primary immune response.

17. Describe what happens during a secondary immune response.

18. Does the secondary response happen perfectly every time? Why?

19. Describe what vaccination does, allowing one to have a primary immune response.

20. Look at the Debunking Vaccine Myths document uploaded in the folder in Blackboard. Pick a myth and discuss it here, explaining why the myth is not correct.

