**Checkpoint Test: Disease & Immunity**

1. Immunity literally means
   1. resistance to foreigners
   2. free from burden
   3. exempt from harm
   4. insusceptibility
2. What is the symbol for antibodies?
3. Name one way a person develops active immunity.
4. Name one way a person develops passive immunity.
5. Name the two primary organs where lymph cells develop:
6. How was the name “stem cells” derived?
7. Name the organ that serves as a blood reservoir, which filters old red blood cells from the bloodstream, and then recycles them.
   1. thymus
   2. lymph nodes
   3. spleen
   4. liver
8. Where is the thymus located?
9. What is the function of the lymph nodes?
10. Which cells produce and secrete large amounts of antibodies?
    1. T-cells
    2. plasma cells
    3. memory B-cells
11. Which of the following cells directly attack antigens?
    1. T-cells
    2. B-cells
12. Name one foreign agent other than a pathogen that can initiate an immune response.
13. True or False: After patrolling the body for foreign antigens, lymphocytes travel to the thymus where their toxins are removed.
    1. True
    2. False.
14. Every cell in your body carries distinctive surface proteins that distinguish you as **\_\_\_\_\_\_\_.**
15. Name one non-specific barrier.
16. How does fever aid the fight against pathogens?

MATCHING

1. Monocytes a. destroy larger parasites
2. Eosinolhils b. foot soldiers of WBCs
3. Neutrophils c. develop into macrophages
4. True or False: Natural killer cells attack the body’s own cells.
   1. True
   2. False
5. What does the medical term “lysing” mean?
6. Which WBCs release histamine?
   1. eosinophils
   2. basophils
   3. neutrophils
7. What activates the complement system proteins?

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| --- | --- | --- | --- |
| MATCHING: *Select all that apply.* | | | a. specific defense |
| 24. | 1st line of defense |  | b. nonspecific defense |
| 25. | 2nd line of defense |  | c. inflammatory defense |
| 26. | 3rd line of defense |  | d. antibody/immune defense |

e. physical defense

1. What are the “Y-shaped” proteins produced by WBCs in response to the presence of pathogens?
   1. antigens
   2. antibodies
   3. lymphokines
2. True or False: Immunoglobulin is another term for antibody.
   1. True
   2. False
3. When the immune system launches attacks against the body’s own tissues this is referred to as a/an \_**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**\_ disease.
4. Antigens that cause an allergic reaction:
   1. allergens
   2. antibodies
   3. asthma
   4. phagocytes
5. The hormones that suppress the immune system are:
   1. steroids
   2. luteinizing hormone
   3. lymphokines