AP: CHAPTER 43: IMMUNE SYSTEM

1. List the two lines of nonspecific defense mechanisms with examples of each.

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2. What is meant by specific defense?

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3. Give examples of “barrier defense.”

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4. What is the role of phagocytic leukocytes?

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5. What is the role of the lymphatic system?

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6. How does the lymphatic system aid in immunity?

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7. Outline the significant steps that occur during an inflammatory response?

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8. What is an antigen?

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9. Identify several differences between the lymphocytes.

a. B Lymphocytes

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b. T Lymphocytes

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10. What is the role of MHC?

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11. What is the role of cytotoxic T cells and describe their mechanism of action?

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12. What are some of the actions of helper T cells?

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13. How do B cells become activated?

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14. When B cells are activated, what do they do?

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15. List and briefly describe four ways antibodies aid in immunity.

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16. Why is secondary response quicker and more robust than primary response?

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17. Define active immunity.

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18. Define passive immunity.

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19. What happens when you have an allergy?

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20. Propose a possible reason why there may be a small percentage of people who have a natural immunity to HIV?

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