

Vaccine Learning Module

Unit Test Answer Key

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|------|------|---------------|--------------|
| 1. d | 4. a | 7. c | 10. bacteria |
| 2. b | 5. d | 8. antibodies | viruses |
| 3. c | 6. a | 9. pathogens | parasites |
| | | | fungi |

11. It is the only vaccine-preventable disease that is not transmitted by person-to-person contact or respiratory droplets. It is found in soil.
12. U.S. Food and Drug Administration (FDA)
13. state government
14. yearly
15. pregnancy, travel, certain medical conditions, certain ages or occupations
16. adaptive immunity
17. 1. activate B cells
2. activate macrophages
3. kill our own cells that are infected
18. 1. recognizing the presence of an infection
2. containing the infection and working to eliminate it
3. regulating itself so that it does not damage the body
4. remembering pathogens to prevent disease from recurring
19. 1. washing your hands
2. covering your cough
3. maintaining a healthy lifestyle
4. getting vaccinated
20. The immune system makes antibodies that have the ability to remember the pathogen. Vaccines intentionally stimulate an immune system response by administering a weakened or inactivated pathogen or a part of a pathogen. With subsequent exposure to the pathogen, the immune system quickly responds by producing white blood cells to fight the infection, which results in no or only minor symptoms of disease. This adaptive immune system response occurs because the immune system is capable of immunologic memory.
21. Vaccination causes immunity to a pathogen without causing the symptoms and complications of disease.

