


1. The mucus in your nose and the acid in your stomach are both front-line defenses against pathogens. Which of the following is also a front-line defense?

- A. Your antibodies
- B. Your leukocytes
- C. Your T-cells
- D. Your skin

2.  If you were looking for your body's leukocytes, where would you find them?


- A. In your body's glands
- B. In your bloodstream
- C. In your stomach
- D. In your lungs

3. What might happen if your immune system doesn't recognize a germ that's invaded your body? Choose the best answer.

- A. The germ will have time to multiply and make you sick
- B. Your white blood cells will begin killing healthy cells instead
- C. Your antibodies will begin attacking each other
- D. Your body will stop producing white blood cells

4. What is the main function of antibodies?

- A. "Remembering" the characteristics of germs that have invaded your body in the past
- B. Creating new white blood cells
- C. Binding themselves to invading antigens
- D. Signaling your immune system that antigens have invaded your body

5.  What might you find inside a vaccine?

- A. Weakened pathogens
- B. Brand-new antibodies
- C. Strong leukocytes
- D. Harmful viruses

6. What is one important effect of your body's ability to "remember" the characteristics of certain pathogens?

- A. It prevents dangerous bacteria from killing you
- B. It prevents you from transmitting diseases to other people
- C. It prevents certain pathogens from making you sick more than once
- D. It prevents your immune system from attacking healthy tissue

7. What is one major difference between viruses and bacteria?

- A. Viruses can make you sick; bacteria can't
- B. Bacteria can be treated with antibiotics; viruses can't
- C. Viruses can be trapped by mucus or neutralized by stomach acids; bacteria can't
- D. Bacteria can cause infections; viruses can't

8.  How does the HIV virus attack?

- A. It kills all the antibodies in your body
- B. It prevents your body from making new antibodies
- C. It prevents your body from "remembering" the characteristics of diseases you've already had
- D. It attacks white blood cells so your body can't fight infection

9. What's the best way to keep your immune system healthy?

- A. Eat only organic foods
- B. Maintain a healthy diet and get plenty of rest
- C. Keep physical contact with other people to a bare minimum
- D. Wear a surgical mask over your nose and mouth

10. Why isn't there a vaccine for the common cold?

- A. Because it's not really a virus
- B. Because it's caused by an extremely tiny virus
- C. Because many different viruses cause cold symptoms
- D. Because cold vaccines trigger autoimmune responses