


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?

Acquired
Immune
Deficiency
Syndrome

- 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.