

** Check Your Answers !!!*

DATE:

NAME:

CLASS:

CHAPTER 3 Chapter 3 Quiz

BLM 1-48

Goal • Check your understanding of Chapter 3, the immune system protects the human body.

What to Do

Circle the letter of the best answer.

1. How does gastric juice help the immune system?
 A. Gastric juice produces killer T cells.
 B. Gastric juice produces antibodies.
 C. Gastric juice destroys pathogens.
 D. Gastric juice creates inflammation.
C
2. Inflammation can be considered
 A. part of the innate immune response
 B. part of the acquired immune response
 C. part of active immunity
 D. a result of the mobilization of B cells
A
3. What is the correct order of the human immune response to a pathogen?
 A. Recognition, disposal, mobilization, immunity
 B. Recognition, mobilization, disposal, immunity
 C. Recognition, immunity, disposal, mobilization
 D. Recognition, disposal, immunity, mobilization
B
4. What cells produce antibodies?
 A. B cells
 B. T cells
 C. white blood cells
 D. red blood cells
A
5. Some individuals have severe allergies to certain substances. When exposed to these substances, rapid swelling can block their breathing airway. This rapid swelling is caused by
 A. histamine
 B. allergen
 C. Anaphylaxis
 D. adrenaline
C
6. HIV infections are transmitted mainly via
 A. semen or blood
 B. dirty surfaces
 C. immune system reactions
 D. coughing and sneezing
A

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7. The immune system cells responsible for surrounding and swallowing invaders are
 A. killer T cells
 B. B cells
 C. helper T cells
 D. white blood cells
D
8. Which of the following would NOT be considered a first line of defence of the immune system?
 A. gastric juice
 B. sweat and oil on the skin
 C. cilia and mucus
 D. white blood cells
D
9. Which of the following most accurately describes "active immunity"?
 A. Your body remembers which antibodies should be used to attack a pathogen.
 B. You wash your hands several times a day.
 C. Your nasal cavity catches and flushes out pathogens with the help of mucus.
 D. An infectious disease is attacked for the first time by your immune system.
A
10. Which of the following is the best description for a vaccine?
 A. You catch a disease and never get it again.
 B. A weakened form of an antigen creates a response that gives you immunity.
 C. Deliberately giving patients a disease to protect them from it in the future.
 D. Injecting immune system cells that can fight a disease.
B

**Match the Term on the left with the best Descriptor on the right.
Each Descriptor may be used only once.**

Term	Descriptor
<u>B</u> 11. phagocytes	A. any substance that the body cannot recognize
<u>E</u> 12. pathogen	B. roam the body, swallowing invader cells
<u>A</u> 13. antigen	C. recognize antigens and produce specific antibodies
<u>G</u> 14. antibody	D. recognize antigens and activates B cells
<u>C</u> 15. B cells	E. disease-causing invaders
<u>D</u> 16. helper T cells	F. a weakened form of an antigen
	G. attach to antigens and pathogens

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Short Answer Questions

17. Is it possible for a pathogen to enter your body without causing an acquired immune response? Explain your answer.

Yes! Perhaps your innate immune response was strong enough to eliminate it on its own...

→ or maybe you are already immune to that specific pathogen 😊

18. Movies theatres, airplane cabins, and cruise ships have sometimes been the site of common infection of many people at the same time. Explain why this is so.

- close quarters, eating same food (getting sick) or easy to pass illness through direct or indirect contact

19. Describe why it is important for persons with severe allergies to carry an adrenaline injector wherever they go.

- EPIPENS reverse effects of severe allergic rxns! Must use immediately and also call 9-1-1.