

Choose the correct answer from the following questions:

- 1) Tissues invaded by viruses may secrete proteins called _____ to protect nearby cells from becoming infected.
 - A) histamine
 - B) memory cells
 - C) complement
 - D) interferon

- 2) What specific type of acquired immunity do vaccines provide:
 - A) naturally acquired artificial immunity
 - B) naturally acquired passive immunity
 - C) artificially acquired passive immunity
 - D) artificially acquired active immunity
 - E) naturally acquired active immunity

- 3) Which one of the following is NOT one of the four most common indicators of the inflammation:
 - A) redness
 - B) heat
 - C) swelling
 - D) pain
 - E) fever

- 4) The body's first line of defense against the invasion of pathogens is:
 - A) phagocytes
 - B) skin
 - C) natural killer cells
 - D) fever
 - E) inflammation

- 5) **True or false:** Natural killers are unique phagocytic defense cells that can kill cancer cells well before the immune system is activated.
- 6) **True or false:** Artificially acquired passive immunity is administered to a person when one receives "anti-venom" after being bit by a poisonous snake.

Application Question:

You learned in Chapter 11 that the cornea and lens of the eye both refract (bend) light as it enters the eye. What you may not have known is that both of these structures are completely lacking in capillaries. How do you believe this fact is related to the high success of transplants of corneas from donors?

Chapter 21

Fluid Transportation:
What can go wrong?