

Name: _____

Date: _____

Notes: Defense

What are the main organs of the integumentary system? _____

What is a part of a reptile's integumentary system? _____

What is a part of a bird's integumentary system? _____

What does skin provide for internal organs? _____

What does skin help prevent? _____

The skin preventing bacteria and viruses from entering the body shows the **integumentary system** interacting with what other system? _____

What important vitamin does skin produce? _____

Vitamin D made by skin being used in the growth of bones shows the **integumentary system** interacting with what other system? _____

What are two ways that the skin helps regulate a person's body temperature?

What does sweat contain? _____

The skin beginning to sweat because of a message from the brain shows the **integumentary system** interacting with what other system? _____

Maintaining a steady body temperature is an important part of what biological process?

What layer of tissue helps the body to *retain heat*? _____

What type of organic compound *prevents heat loss and stores energy*? _____

What is the primary job of the immune system? _____

What is the main type of cell in the immune system? _____

What important molecule is created by the immune system? _____

White blood cells traveling in blood show the **immune system** interacting with what system?

How do **neutrophils** attack bacteria? _____

Neutrophils digest bacteria using what specific *organelle*? _____

What do **B cells** create? _____

What do *memory B cells* help the body to build up? _____

What do we call something that **antibodies** attach to? _____

T cells destroy cells that are infected with what? _____

What other kinds of cells do T cells target? _____

What does HIV stand for? _____

What syndrome does the HIV virus cause? _____

What type of cells do HIV viruses attack? _____

What stops working when Helper T cells are destroyed? _____

What kills patients with AIDS? _____

Antibiotics **can** be used to kill what? _____

Antibiotics **cannot** be used to kill what? _____

What is the main function of the lymphatic system? _____

What are the main organs of the lymphatic system? _____

White blood cells in lymph nodes show the lymphatic system is a key part of what response?

The lymphatic system returns fluid to be a part of what? _____

The lymphatic system is a subsystem of the _____ system.

Because of this, we often say what 2 body systems are the most important for fighting infection?
