

## UNIT 3 - CELLS, HISTOLOGY, INTEGUMENTARY SYSTEM

WORKSHEET - Integumentary System

Name \_\_\_\_\_ Period \_\_\_\_\_

1. What structures are included in the integumentary system.
2. Skin may be one of the most underestimated organs in the body. List six functions your skin performs while it is "just lying there".
  - 1.
  - 2.
  - 3.
  - 4.
  - 5.
  - 6.
3. The outer layer of skin is the \_\_\_\_\_ layer. The inner layer is the \_\_\_\_\_ layer. Which layer is the thickest? \_\_\_\_\_ What is the subcutaneous layer?
4. Epidermis contains a few distinct cell types. Fill in the name of the cell type that fits each description.
  - a. Most numerous cell type, this cell produces keratin which helps to waterproof skin: \_\_\_\_\_
  - b. This type of cell produces the pigments which give skin its color: \_\_\_\_\_.
5. The dermis is composed of (connective / epithelial) tissue. Describe the dermis.
6. Answer these questions about glands.
  - a. Where in the body would you most likely find sebaceous glands?
  - b. What are the functions of these glands?