

# Integumentary System Study Guide

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- What does the integumentary system made of?
- What is the largest organ in the body?
- List six functions of the integumentary system?
- What are the three layers of skin?
- Which layer is the epidermis? (inner, middle, or outer)
- Where is it thickest?
- What is the outermost layer of the epidermis?
- What is the innermost layer of the epidermis?
  - Note evening students, there was a mistake in the slide show look at the new ppt or pdf
- What is the function of keratin?
- What cells are found in the stratum basale?
- What protein is manufactured by those cells?
- What is the function of that protein?
- What occurs in the innermost layer of the epidermis?
- What three pigments affect skin coloring?
- What pigment gives darker skin people their color?
- What pigment gives Asians their skin color?
- What pigment gives lighter skin persons a pink tone?
- What do albinos lack?
- What effects a person's skin tone?
- What is it called when a person's skin turns yellow?
- What is the cause of that? (Not in the powerpoint, you need to listen or look it up online)
- What environmental factors affect skin tone?
- What two types of fibers are made by fibroblasts in the dermis?
- What accessory structures are found in the dermis?
- What is hair made of?
- What is the region of hair that extends above the scalp line called?
- What is the region of hair that is below the scalp line called?
- What is the function of hair?
- Which gland keeps the hair shiny?
- Where are ceruminous glands found?
- What do they produce?

- What is the function of cerumen?
- What are the functions of sweat glands?
- What is sweat made of?
- How much sweat do we produce on an average day?
- Where would you find an increased number of sweat glands?
- Where do sweat glands secrete their product?
- What is the layer of tissue beneath the dermis called?
- What is the function of the adipose tissue?
- How does the integumentary system assist with decreasing the body's temperature?
- How does the integumentary system assist with increasing the body's temperature?
- Describe how the skin system responds to an injury?