

The Integument System
Chapter Six Study Guide

Hot List Questions “>” // Note: There are eleven Hot List Questions and there are eleven questions for C6 on the Unit One Exam! // We will cover C6 in the first 45 minutes of Tuesday's lab session. Please complete this study guide before you come to lab.

1. What is the structure and function of the integument system?
2. What is different in thick skin and thin skin? Where is it the thinnest? The thickest?
3. > What type of cells are in the epidermis? Form and function?
4. > What are the five epidermal stratum? Which layer is only found in thick skin?
5. > From what layer does skin grow?
6. > How many days does it take to replace the epidermis?
7. What is dander? What is dandruff?
8. > What cell is responsible for skin color? What happens to pigment after it is formed?
Transported to where? Why?
9. > What two layers form the integumentary system? Which layer makes your leather coat?
10. > What is the relationship between dermal papillae and epidermal ridges? Advantage? How are these structures used by the criminal justice system?
11. > What tissue is directly below the integumentary system? What do we call this layer if it becomes rich in fat?
12. What is the structure and function of a hair follicle? What is the significance of the hair's dermal papilla and hair matrix?
13. What is the significance of the hair receptor? Location?
14. What is the significance of the piloerector muscle?
15. What is another name for a sweat gland? Location?
16. > What are the two kinds of sweat glands? Function and location? When do these glands become functional?
17. What is the function of the myoepithelial cells in sudoriferous glands?
18. > What is a sebaceous gland? Location and function?
19. What is a ceruminous gland? Location and function?
20. What is a mammary gland? Location and function?
21. > What is an apocrine gland?
22. What are the three forms of skin cancer? What cells in the skin form these cancers? What skin cancer is least dangerous? Most dangerous?
23. What is the difference between a first, second, and third degree burn? Partial thickness burns VS full thickness burns?
24. What is a bruise?