

The Integumentary System

Chapter Six Study Guide

1. What is the integumentary system function?
2. How thick is skin? Different locations?
3. What is the difference between thick skin and thin skin? Location?
4. What is the structure of skin (lecture and lab objective)? Fig 6.1 and 6.3
5. What type of cells are in the epidermis? Their form and function?
6. What are the five epidermal stratum? Which layer is only found in thick skin?
7. What is dander?
8. What two layers form the integumentary system?
9. What is the relationship between dermal papillae and epidermal ridges? How are these structures used in the criminal justice system?
10. What tissue is directly below the integumentary system? What do we call this layer if it becomes rich in fat?
11. What is the structure of a hair and its follicle? Fig 6.7
12. 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?
16. What are the two kinds of sweat glands? Function and location? When do they 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 are the three forms of skin cancer? What cells in the skin form these cancers? What skin cancer is least dangerous? Most dangerous?
22. What is the difference between a first, second, and third degree burn? Partial thickness burns VS full thickness burns?
23. What is a bruise?