

Chapter Six Study Guide
Integument System (W2025)

1. What is the integument system? What are the system's two layers called? What is between the integument system and the deeper muscles?
2. How thick is most skin? What is the unit of measurement? If given as sheets of paper?
3. What are some of the functions of the integument system?
4. Please note: you will need to know the structures of the integument system for the lab exam. Structure functions are lecture requirements.
5. What are the four cell types found in the epidermis? Location and function of each?
6. What type of epithelial cells construct the epidermis? Where does mitosis occur? What is on the apical surface? How and from where do these cells get nutrients?
7. What are the five stratum of the epidermis? In what layer are dendritic cells?
8. How is thick skin different than thin skin? What extra stratum is present? What organs are missing?
9. What do melanocytes produce? What cells absorb the melanocytes' product? Ends up where? Function? Why is it nicknamed an umbrella?
10. In the stratum basale, what do stem cells produce? What other type of cells are scattered among the stem cells?
11. How many days does it take to replace your epidermis?
12. What is the thickest stratum of the epidermis? What type of intercellular junctions hold these cells together? What white blood cell is anchored within this layer? Why?
13. What is the difference between dandruff and dandruff?
14. What structures are found in the dermis? What product may you make and wear on a cold day?
15. What are dermal papillae? Function? How may police find these useful?
16. If you consume too many calories then what is another term used to describe the hypodermis?
17. What is the common name for a sudoriferous gland? What is the method of secretion?
18. What is the integument gland which only becomes active at puberty? Function? Gender location? How do these glands release their products?
19. Where are sebaceous glands positioned? Not found where? Form of secretion? Function?
20. What type of integument gland are found in the ear canal? Function?

21. Do both genders have breast and mammary glands? Explain. What tissue produces milk?
22. What is the depth of tissue destruction in first, second, and third degree burns? Why will a third degree burn require a skin graft?
23. What integument cells cause skin cancer? What form is the most dangerous?