

## Chapter 4 Study Guide

1. What is the only dry membrane?
2. Body membranes are classified as one of two types based on whether they are composed of \_\_\_\_\_ tissue or \_\_\_\_\_ tissue
3. Mucous membranes line body cavities that are \_\_\_\_\_ to the exterior.
4. Serous membranes line body cavities that are \_\_\_\_\_ to the exterior.
5. The outside of the stomach would have a \_\_\_\_\_ membrane while the inside of the stomach would have a \_\_\_\_\_ membrane.
6. The epidermis is made up of what kind of tissue?
7. The dermis is made up of what kind of tissue?
8. The stratum lucidum is only found where?
9. What is keratin and what does it do?
10. What is the only actively mitotic layer of the epidermis?
11. What happens to skin cells as they migrate upward?
12. The amount of melanin you produce is dependent upon what two things?
13. Skin color is determined by what three pigments?

14. Collagen and elastic fibers found in the \_\_\_\_\_ give the skin its \_\_\_\_\_ and \_\_\_\_\_
15. Finger-like projections of the dermis that extend into the epidermis are known as \_\_\_\_\_.
16. What would the skin do in response to cold temperatures?
17. The hypodermis is made mostly of what type of tissue?
18. What are the differences between sebaceous and sweat glands?
19. What are the functions of the oil produced by glands within our skin?
20. What are the functions of sweat produced by glands within our skin?
21. What causes the smell associated with sweat?
22. What are the differences between eccrine and apocrine sweat glands?
23. Nails are entirely of what substance?
24. \_\_\_\_\_ degree burns burn the entire epidermis and the upper part of the dermis.
25. \_\_\_\_\_ degree burns burn just the epidermis.
26. Which type of skin cancer is the most dangerous?

27. Which is the least dangerous?

28. Explain how ABCD is used to determine if a mole is cancerous or not.