Integumentary System  Chapter 5  Goals

Read pages 149-161

Student should be able to:

1. Explain why skin is called an organ
2. Describe how much skin we have
3. Tell what the two layers of skin are called
4. Tell what type of tissue groups make up these two layers
5. Explain how the epidermis gets nutrients and oxygen and gets rid of wastes
6. Tell what layer is immediately deep of the skin
7. Tell what tissue the subcutaneous tissue anchors the skin to
8. What are the four different cell types found in the epidermis
9. Describe the four different cell types found in the epidermis.
10 Explain the difference between thick and thin skin
11. Name the 5 layers of the epidermis from deep to superficial
12. Describe the 5 layers of the epidermis.
13. Describe the Dermis using appropriate words from notes
14 Name the two layer of the dermis.
15. Describe the papillar layer.
16. Describe the dermal papillae and tell what is found within.
17. Explain what are friction ridges are and what their function is.
18. What is the connection between friction ridges and forensic science.
19. Describe the reticular layer..
20. Name the four skin appendages.
21. Provide another name for sweat glands and explain where they are and are not found.
22. Give the names of the two types of sweat gland and describe how they are similar and how they are different.

23. Describe where eccrine/merocrine sweat glands are primarily concentrated and how they deposit the sweat.

24. Explain why we sweat

25. Describe where apocrine sweat glands are found and how is their sweat is distributed.

26. Explain the significance of fat & protein in apocrine sweat glands as it relates to body hygiene.

27. Explain what cerumen glands are and describe what they produce

28. Describe the location of sebaceous glands.

29. Describe what sebum consists of.

30. Explain what sebaceous glands are derived from and how do they distribute their secretion.

31. Explain the function of sebum

32. Describe which areas of the body have no hair

33. Describe the role of hair in humans

34. Explain how keratin in hair is different from keratin in the apical skin cells

35. Compare the shaft and the root of the hair

36. Explain how the shape of the hair determines the physical appearance of the hair

37. Describe the three layers that make up a hair.

38. Describe a hair follicle using terms such as: hair bulb, hair root, arrector pilli, hair shaft, hair root plexus etc. and be able to identify the various structures on an illustration of hair, follicle and surrounding tissue.

39. Describe a fingernail using terms such as nail body, free edge, nail root, nail matrix, cuticle/epinochium and be able to identify the various structures on an illustration.