

13. List a function for the following skin appendages:

fingernails	
eyebrows	
pubic hair	
head hair	

7. List the three types of glands in the integument and give a function for each:

Name of Gland	Function of Gland	Function of Secretion

8. There are 2 different types of Papilla in the integument. Describe the name, location and function for each of them:

Name of Papilla	Location of Papilla	Function of Papilla

9. Give an example of Synthesis which occurs in the skin:

_____.

10. List 2 concerns for burn patients which involve the loss of skin:

10. Explain the function of the *Arrector pili* muscle.

11. In which layer of skin are sudoriferous glands found? _____

12. Explain how fingerprint ridges are formed:

2. List the 5 layers of the Epidermis and describe each layer:

Name of Layer	Description of Layer

3. List the 2 Layers of the Dermis:

Name of Layer	Description of Layer

4. List 3 types of sensory receptors located in the integument and give a function for each:

Name of Receptor	Function of Receptor

5. Below the Dermis is the _____ which is made up of _____ tissue.

6. What kind of cells make up sebaceous glands? _____

LABORATORY EXERCISE 5

Integumentary System

Ex. 5

PROCEDURE:

1. Review the sections on “Epithelial Tissues” and “Integumentary System” in your textbook.
2. Review the Characteristics of Epithelial Tissues from your Lecture notes.
3. Examine the available slides of Epithelial and Integument tissues and **sketch and label** each one below.

MATCHING**Column A**

- A. apocrine gland
- B. arrector pili muscle
- C. dermis
- D. eccrine gland
- E. epidermis
- F. hair follicle
- G. keratin
- H. keratinization
- I. melanin
- J. melanocyte
- K. sebum
- L. sebaceous gland
- M. stratum basale
- N. stratum corneum
- O. subcutaneous layer

Column B

1. _____ an oily secretion
2. _____ outermost layer of epidermis
3. _____ development stimulated by sex hormones
4. _____ epidermal pigment
5. _____ inner layer of skin
6. _____ responds to elevated body temperature
7. _____ pigment-producing cell
8. _____ outer layer of skin
9. _____ gland usually associated with hair follicle
10. _____ hard protein of nails
11. _____ binds skin to underlying organs
12. _____ reproductive layer of epidermis
13. _____ process of hardening epidermal cells
14. _____ tubelike part that forms hair
15. _____ causes hair to stand on end

COMPLETION

1. How is the skin of your palm different from the skin on the back of your hand?
