

## ***Integumentary System Review Worksheet***

1. List the five functions of the integumentary system

- A.
- B.
- C.
- D.
- E.

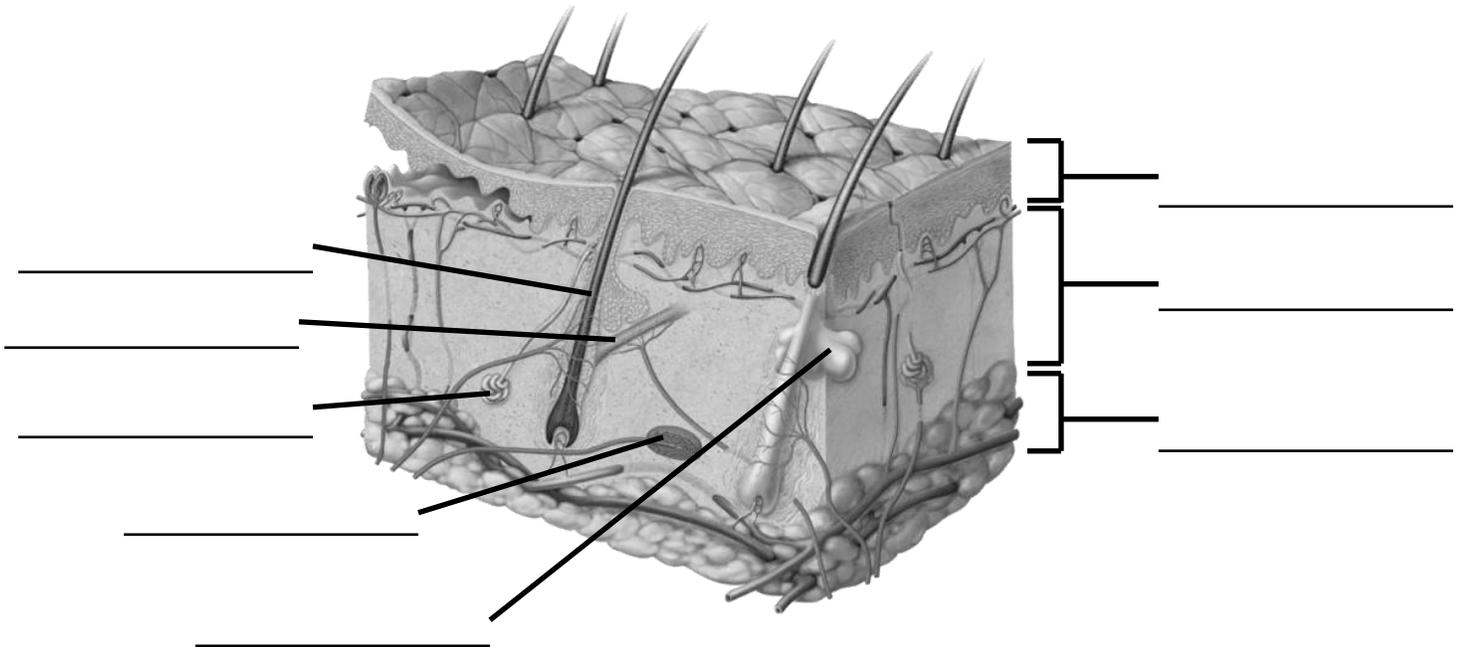
2. Match the skin structure to its tissue type

*(There may be more than one correct answer for each)*

- A. Epidermis \_\_\_\_\_
- B. Dermis \_\_\_\_\_
- C. Subcutaneous \_\_\_\_\_

- I. Simple squamous
- II. Simple cuboidal
- III. Simple columnar
- IV. Stratified squamous
- V. Stratified cuboidal
- VI. Loose Connective
- VII. Adipose
- VIII. Dense Connective

3. Label the following structures on the image



Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

4. Contrast the stratum corneum and stratum germinativum

5. Identify the primary reason why skin color varies between individuals

6. Match the following pigments found in skin to their descriptions

*(There may be more than one correct answer for each)*

- A. Melanin \_\_\_\_\_
- B. Carotene \_\_\_\_\_
- C. Blood (*Hemoglobin*) \_\_\_\_\_

- I. Brown, black, yellow pigment
- II. Not easily noticeable unless large amounts are consumed
- III. Produced at the base of the epidermis
- IV. Pink to red pigment
- V. Important for proper functioning of photoreceptors in the eye
- VI. Gives some UV protection
- VII. Yellow to orange pigment
- VIII. Continued constriction may lead to cyanosis
- IX. Overall skin shade is dependent upon the amount of this pigment
- X. Shade depends on dilation of vessels

7. List at least three specific functions of hair

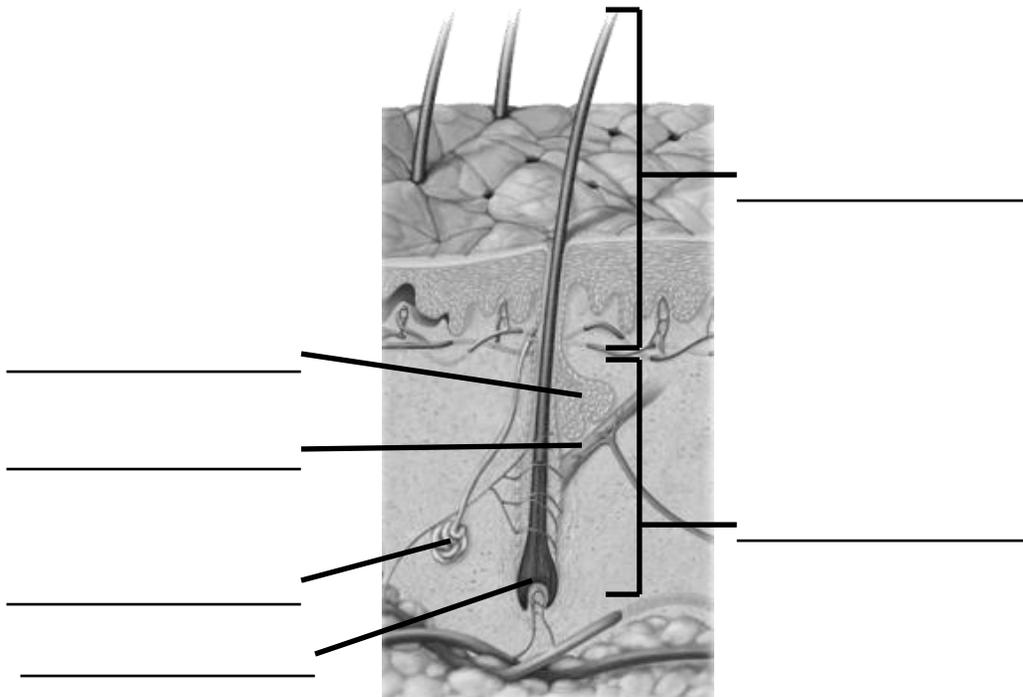
- A.
- B.
- C.

8. Identify any surfaces that do not contain hair

Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

9. Describe the process of nail growth

10. Label the following structures on the image



11. Match the following glands found in skin to their descriptions

*(There may be more than one correct answer for each)*

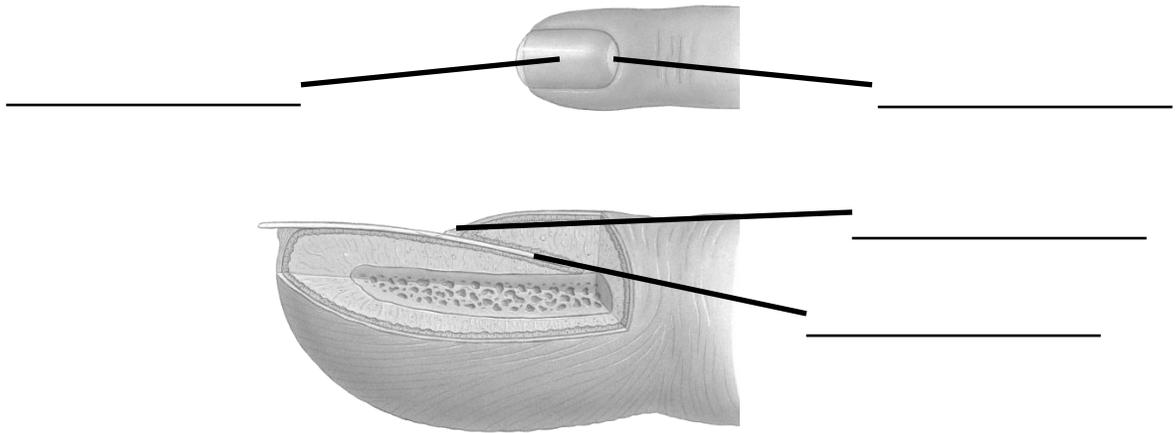
- A. Sebaceous \_\_\_\_\_
- B. Apocrine \_\_\_\_\_
- C. Merocrine (*Eccrine*) \_\_\_\_\_

- I. Protects skin from drying out
- II. Secrete sweat
- III. Widely distributed
- IV. Inhibits bacterial growth
- V. Connected to hair follicles  
*(most of the time)*
- VI. Aid in thermoregulation
- VII. Secrete oily sebum
- VIII. Found in armpit & groin

Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

12. Describe the process of hair growth

13. Label the following structures on the image



14. Describe the events that occur during skin repair

15. Distinguish between the three classifications of burns  
*Describe in terms of what layers of skin are killed and what is injured*