

Name _____
 Lab Number _____

The Skin (Integumentary System)

Basic Structure of the Skin

1. Complete the following statements by writing the appropriate word or phrase in the corresponding numbered blank:

- The two basic layers of which the skin is composed are the epidermis (outer) and the dermis (inner). The epidermis is composed of stratified squamous epithelium. The dermis is composed of loose connective tissue. The epidermis and dermis are separated by the dermal papillae.
1. epidermis
 2. dermis
 3. epithelium
 4. connective tissue

2. Name five proteins that form the cells. keratin, fibronectin, collagen, elastin, and laminin.

3. Using the key choice, choose all responses that apply to the following descriptions:

Key:	epidermal layer (stratified squamous epithelium)	epidermal layer (simple cuboidal epithelium)	dermal layer (dense irregular connective tissue)
<u>epidermis (epithelium)</u> _____	1		
<u>epidermis (epithelium)</u> _____	2		
<u>epidermis (keratin)</u> _____	3		
<u>epidermis</u> _____	4		
<u>dermis</u> _____		5	
<u>epidermis (keratin)</u> _____	6		
<u>epidermis (epithelium)</u> _____	7		
<u>dermis</u> _____		8	
<u>epidermis (keratin)</u> _____	9		
<u>epidermis (epithelium)</u> _____	10		