

### **Chapter 5 Notes- Integumentary System**

The integumentary system is made up of the \_\_\_\_\_ and its \_\_\_\_\_.

Skin maintains homeostasis through:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

(3) Regions

- 1.
- 2.
- 3.

#### **Epidermis**

The epidermis is made up of \_\_\_\_\_ and has no \_\_\_\_\_.

(5) Layers:

- 1.
- 2.
- 3.

4.

5.

Keratinization:

### **Dermis**

Consists of:

Components of dermis:

1. Collagen

2. Elastin

3. Dermal papillae

4. Dermal blood vessels

5. Nerve fibers and sensory receptors

6. Other dermal structures

### **Hypodermis**

## Accessory Organs of the Skin

Nails:

Nail structures:

1. Nail root:
2. Nail body:
3. Nail bed:
4. Cuticle:
5. Lunula:

Hair:

Hair structures:

1. Hair follicle:
2. Hair root:
3. Hair shaft:
4. Arrector pili:

Hair color=

Types of Glands:

1. Sebaceous glands:

2. Sudoriferous glands:

(2) Types of Sudoriferous Glands:

1. eccrine:

2. apocrine:

3. Ceruminous glands:

4. Mammary glands:

Skin Disorders

Skin Cancer (3) Forms:

1. Basal Cell Carcinoma:

2. Squamous Cell Carcinoma:

3. Melanoma:

Burns:

1. Burns=

2.

3. "Rule of Nines"-

4. Classifying Burns:

First Degree:

Second Degree

Third Degree

Fourth Degree

Skin Grafting:

1. Autografting:
2. Heterografting:
3. Homografting:
4. Using skin substitute:

The Process of Wound Healing

- 1.
- 2.
- 3.