

ANATOMY & PHYSIOLOGY - LABORATORY

Activity 5: INTEGUMENTARY SYSTEM

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1BSN – A

September 30, 2022
2022 – 2023

Activity 1: Basic Structure of the Skin

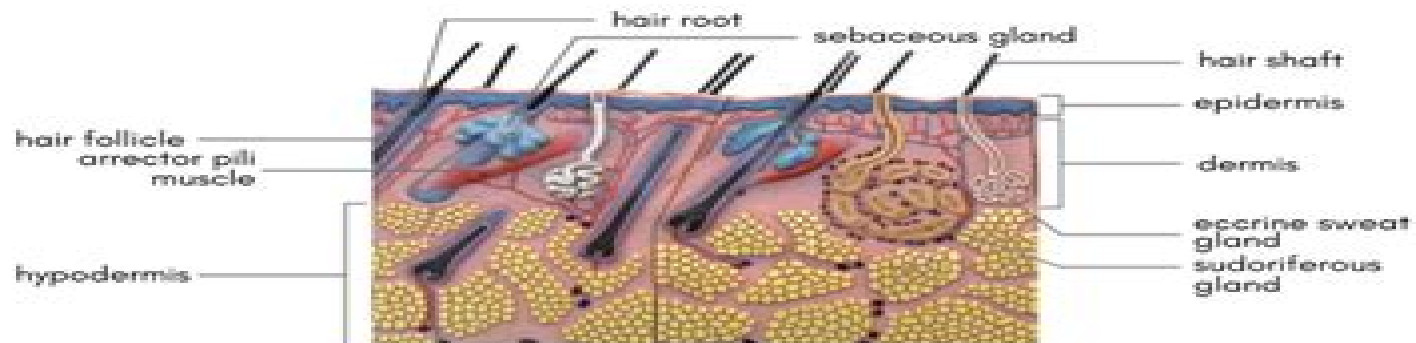
I. Complete the following statements by writing the appropriate word or phrase on the blank line

1. The superficial region of the skin is the *epidermis*. Composed of *underlying, connective tissue*.
2. The deeper region tissue is the *hypodermis*, composed of *connective tissue*.
3. The most numerous cell of the epidermis is the *keratinocytes*.
4. The two primary layers of the dermis are the *papillary dermis*, composed of *areolar connective tissue*, and the *reticular dermis*, composed of *dense irregular tissue*.

II. The four protective functions of the skin are:

- a. protection
- b. sensation
- c. temperature regulation
- d. vitamin D production

III. Label the integumentary structures and areas indicated in the diagram.



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Ellie Kirov, Alan Needham

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