

Integumentary Flashcards PDF

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What is the primary function of the integumentary system?

The primary function of the integumentary system is to protect the body from external damage, regulate temperature, and provide sensory information.

What are the main components of the integumentary system?

The main components of the integumentary system include the skin, hair, nails, and various glands.

What are the two main layers of the skin?

The two main layers of the skin are the epidermis and the dermis.

What is the role of the epidermis?

The role of the epidermis is to provide a protective barrier and to prevent water loss.

What is the function of melanocytes in the skin?

Melanocytes produce melanin, which gives skin its color and protects against UV radiation.

What is the purpose of the dermis?

The dermis provides structural support, houses blood vessels, nerves, and connective tissue, and contains hair follicles and glands.

What are the types of glands found in the skin?

The types of glands found in the skin include sebaceous (oil) glands and sweat glands.

What is the function of sebaceous glands?

Sebaceous glands secrete oil (sebum) that helps to keep the skin moisturized and protected.

What is the role of sweat glands?

Sweat glands help regulate body temperature through the process of perspiration.

What is the significance of hair in the integumentary system?

Hair provides protection, helps regulate body temperature, and enhances sensory perception.

What is the function of nails?

Nails protect the tips of fingers and toes and assist in picking up objects.