

Integumentary System Worksheet
Human Biology

Name: _____

Complete the following statements in the blanks provided.

1. Fat in the _____ tissue layer beneath the dermis helps to insulate the body.
2. The waterproofing protein found in the epidermal cells is called _____.
3. A vitamin that is manufactured in the skin is _____.
4. _____ is a bluish cast of the skin resulting from inadequate oxygenation of the blood.
5. A blackhead is an accumulation of oily material produced by _____.
6. Tiny muscles attached to hair follicles that pull the hair upright during fright or cold are called _____.
7. _____ is found everywhere on the body except the palms of the hands, soles of the feet, and lips, and primarily consists of dead keratinized cells.

For each true statement, write T. For each false statement, correct the underlined word(s) and inset your correction in the answer blank.

_____ 8. Greater amounts of the pigment carotene are produced when the skin is exposed to the sun.

_____ 9. The most abundant protein in dead epidermal structures such as hair and nails is melanin.

_____ 10. Sebum is an oily mixture of lipids, cholesterol, and cell fragments.

_____ 11. The oldest epidermal cells in the epidermis are found in the stratum basale.

_____ 12. The externally observable part of a hair is called the root.

Select one the terms below:

A. Carotene

B. Hemoglobin

C. Melanin

_____ 13. Most responsible for the skin color of dark-skinned people

_____ 14. Provides an orange cast to the skin

_____ 15. Most responsible for the skin color of Caucasians

_____ 16. Found within red blood cells in the blood vessels