

## Test – Lesson 2 – Skin – Answer Key

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1. Which of these structures are you more likely to find in the epidermis than the dermis?

- (A) sebaceous glands
- (B) melanocytes**
- (C) blood vessels
- (D) sweat glands

2. The skin helps regulate body temperature by \_\_\_\_\_.  
using the energy in ultraviolet light to turn melanin into inactive vitamin

- (A) dilating blood vessels**
- (B) sweating**
- (C) blocking ultraviolet light

3. The skin helps make vitamin D by \_\_\_\_\_.

- (A) using the energy in ultraviolet light to turn cholesterol into active vitamin D
- (B) using the energy in ultraviolet light to turn cholesterol into inactive vitamin D**
- (C) using the energy in ultraviolet light to turn melanin into active vitamin D
- (D) using the energy in ultraviolet light to turn melanin into inactive vitamin D

4. Which statement about the skin is true?

- (A) Melanocytes in the skin contain melanin which absorbs dangerous infrared light.
- (B) The shafts of hair follicles are lubricated by sebaceous glands.**
- (C) Vitamin D is synthesized in bones.
- (D) When the body is cold, blood vessels in the dermis respond by dilating.