

## **BIOLOGY REVISION: HOMEOSTASIS**

1. How does sweating cool the body?

- A Sweating cause vasodilation
- B Sweating decreases the water content of the blood
- C Urea and salt are lost from the body in sweat
- D Water in sweat evaporates from the skin

2. Read the following sentence:

"In order to prevent the human body from losing heat, the arterioles supplying the skin becomes narrow"

Which process does this sentence describe?

- A Constriction
- B Shivering
- C Sweating
- D Vasodilation

3. During a long race, an athlete's skin temperature rises. What causes this?

- A Increased sweating
- B Opening of the pores in the skin
- C Vasoconstriction of the blood vessels in the skin
- D Vasodilation of the blood vessels in the skin

4. What is an example of homeostasis?

- A Breathing in oxygen
- B Regulating blood glucose
- C Removing undigested food through the anus
- D Regulating body temperature

5. Which response to a drop in body temperature does not involve muscle contraction?

- A Blood vessels narrowing
- B Hairs standing up
- C Shivering
- D Reduced sweating

6. Using touch, you can identify something is sweet and or salty.

(True or False)? \_\_\_\_\_

7. Match the following answers given:

Hairs	Pores	Touch receptors	Nerve
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