

# Chapter 11

## Homeostasis and excretion

### Test yourself questions

- 1 What happens to blood vessels in the skin when the body temperature gets too high?
- 2 How does sweating cool the body?
- 3 Which hormone is secreted when blood glucose concentration rises too high?
- 4 Islets of Langerhans contain receptor cells that detect changes in blood glucose concentration.  
In which organ are they found?
- 5 In which organ is urea produced?

6 What are the ureters?

7 What is the name for the production of urea from excess amino acids?

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8 What is a nephron?

9 Which of these substances pass from the blood into a kidney tubule during filtration?

10 Which substances should be present in the dialysis fluid used in a kidney machine?