

# Chapter 10

## Coordination and response

### Test yourself questions

- 1 Where is the cell body of a sensory neurone found?
- 2 What is the sequence along which information travels during a reflex action?
- 3 Which part of the eye does most of the bending of light rays as they enter it?
- 4 What happens when the eye focuses on a near object?
- 5 What happens to the iris and pupil when you move from bright light into dim light?

6 Which part of the eye contains cells that are receptive to light?

7 Why are two muscles necessary to bend and straighten the arm?

8 What type of glands secrete hormones?

9 Which is an effect of the hormone adrenaline?

10 What is the name of the response of a plant shoot to gravity?

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11 Which statement about rods and cones is correct?



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**12** In which part of the eye are cones most concentrated?

**13** Why do some farmers use the hormone BST?

**14** How does auxin make shoots grow towards the light?

**15** Why do gardeners sometimes spray auxin onto lawns?