

Homeostasis: practice questions

2 questions • 3 marks • mark scheme at the back

For AQA GCSE Biology 8461 and Combined Science: Trilogy 8464. **Triple only** is not in Combined Science. **Higher tier** is only on the Higher paper.

Name

Total / 3

1 Which of these is an effector in a control system of the human body? [1 mark]

- A. ☐ Temperature receptors in the skin
- B. ☐ The spinal cord
- C. ☐ Skeletal muscle that contracts
- D. ☐ Sensory neurones

2 State what is meant by homeostasis. [2 marks]

Mark scheme

One mark for each point unless a maximum is given. Words in brackets are not needed for the mark.

1. [1]

C C: effectors are muscles or glands (1)

2. [2]

- regulation of the internal conditions of a cell or organism (1)
- to maintain optimum conditions for function (1)
- in response to internal and external changes (1)
- Max 2