

Characteristics and classification: practice questions

2 questions • 5 marks • mark scheme at the back

For Cambridge IGCSE Combined Science 0653. **Supplement** is Extended content, only examined on Papers 2 and 4.

Name

Total / 5

1 Which of these is an example of excretion?

[1 mark]

- A. ☐ A dog passing faeces
- B. ☐ Removal of urea in urine
- C. ☐ Taking glucose into a cell
- D. ☐ Release of enzymes into the gut

2 Define each of these characteristics of living organisms. (a) sensitivity (b) growth (c) excretion (d) nutrition

[4 marks]

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Mark scheme

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

1. [1]

B B (1)

2. [4]

- (a) the ability to detect and respond to changes in the internal or external environment (1)
- (b) a permanent increase in size and dry mass (1) reject increase in size alone
- (c) the removal of the waste products of metabolism and substances in excess of requirements (1)
- (d) the taking in of materials for energy, growth and development (1)