ENGLAND GCSE BIOLOGY OCR TWENTY FIRST CENTURY FOUNDATION · UNIT 3 · 5 QUESTIONS

Living Together - Food and Ecosystems — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button so it can be fixed.

1 **Seabirds on a rocky island eat fish. If the fish population falls, what happens to the seabirds?**

A their numbers fall

B they eat more fish

C their numbers rise

D they move to the sea

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2 **A quadrat of area 50 square metres contains on average 8 daisies. Estimate the number of daisies in a field of 500 square metres.**

A 40

B 160

C 80

D 800

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3 **What is metabolism?**

A the breakdown of food in the gut only

B the release of energy in respiration

C all the chemical reactions in the body

D the building of proteins only

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4 **A field has 1000 kg of grass. If 10 percent of the energy passes to the rabbits, how much grass biomass supports the rabbits?**

- A 1000 kg
- B 100 kg
- C 50 kg
- D 200 kg

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5 **What is biomass?**

- A the mass of living material
- B the mass of dead material
- C the number of organisms
- D the energy in a food chain

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ANSWER KEY

1. A
2. C
3. C
4. B
5. A

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