ENGLAND GCSE BIOLOGY OCR GATEWAY FOUNDATION · UNIT 4 · 10 QUESTIONS

# Community Level Systems — 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** **A peach contains a stone. What is inside the stone?**

- A a flower
- B a seed
- C a root
- D a leaf

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

- A their numbers fall
- B they move to the sea
- C they eat more fish
- D their numbers rise

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3 **What is biogas?**

A oxygen released by plants

B nitrogen from the air

C carbon dioxide from burning

D methane made without oxygen

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4 **Producers in a food chain have a biomass of 10000 kg. About 10 per cent of biomass passes to the next level. What is the biomass of the primary consumers?**

A 2000

B 1000

C 10000

D 100

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5 **Rabbits breed quickly. What does this mean for the population?**

A it always falls

B it never changes

C it always stays small

D it can grow fast

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6 **A sunflower grows taller over the summer. Where does most of the extra mass come from?**

A carbon dioxide from the air

B minerals absorbed from the soil

C water absorbed from the soil

D sunlight captured by the leaves

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7 **What is a quadrat used for?**

A to count every plant exactly

B to estimate a population

C to measure the height of trees

D to catch small animals

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8 **A forest provides a habitat. What does habitat mean?**

A when an organism sleeps

B where an organism lives

C what an organism eats

D how an organism breeds

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9 **A quadrat of area 20 square metres contains on average 8 daisies. Estimate the number of daisies in a field of 200 square metres.**

- A 160
- B 40
- C 800
- D 80

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10 **A field has 5000 kg of grass. If 10 percent of the energy passes to the rabbits, how much grass biomass supports the rabbits?**

- A 250 kg
- B 500 kg
- C 5000 kg
- D 1000 kg

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## ANSWER KEY

1. B
2. A
3. D
4. B
5. D
6. A
7. B
8. B
9. D
10. B

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