ENGLAND GCSE COMBINED SCIENCE OCR GATEWAY HIGHER · 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 honeybee is an insect. How many legs does it have?**

- A 10
- B 8
- C 6
- D 4

Understand It with Pulse | Flag a mistake

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

- A it can grow fast
- B it never changes
- C it always stays small
- D it always falls

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3 **What shape is a pyramid of biomass?**

A wide at the bottom, narrow at the top

B narrow at the bottom, wide at the top

C the same width all the way up

D a circle

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4 **Why are quadrats placed randomly?**

A to get a fair sample

B to save time

C to avoid counting

D to find the most organisms

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5 **Seabirds nest on cliffs. What does the cliff provide?**

- A water for drinking
- B a safe nesting site
- C food for the chicks
- D warmth in winter

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6 **A quadrat of area 50 square metres contains on average 5 daisies. Estimate the number of daisies in a field of 500 square metres.**

- A 25
- B 500
- C 50
- D 100

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7 **A peach tree flowers in spring. What do bees carry between flowers?**

- A seeds
- B pollen
- C water
- D leaves

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

- A sunlight captured by the leaves
- B minerals absorbed from the soil
- C carbon dioxide from the air
- D water absorbed from the soil

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9 **What makes a good compost heap?**

A dry, warm and sealed

B warm, moist and airy

C wet, cold and airless

D cold, dry and sealed

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10 **A field has 2000 kg of grass. If 10 percent of the energy passes to the rabbits, how much grass biomass supports the rabbits?**

A 2000 kg

B 400 kg

C 200 kg

D 100 kg

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ANSWER KEY

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

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