ENGLAND GCSE COMBINED SCIENCE OCR TWENTY FIRST CENTURY FOUNDATION · UNIT 3 · 10 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 **A peach is a fruit. Which part of the flower does it develop from?**

- **A** the stigma
- **B** the petal
- **C** the anther
- **D** the ovary

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2 **Seabirds are affected by plastic pollution. How does plastic harm them?**

- A it helps them fly
- B they eat it by mistake
- C it makes them stronger and healthier
- D it keeps them warm

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3 **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 100 kg
- B 200 kg
- C 1000 kg
- D 50 kg

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4 **A quadrat of area 10 square metres contains on average 8 daisies. Estimate the number of daisies in a field of 100 square metres.**

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

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

- A when an organism sleeps
- B where an organism lives
- C how an organism breeds
- D what an organism eats

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6 **What is a biotic factor?**

A a physical factor, like light

B a non-living factor, like temperature

C a living factor, like a predator

D a chemical factor, like pH

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7 **A pondweed plant releases 18 bubbles of oxygen in 6 minutes. How many bubbles does it release per minute?**

A 2

B 3

C 6

D 4

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8 **In the decay required practical, what happens to milk kept warm?**

A warm milk stays fresh longer

B milk does not decay at all

C colder milk decays faster

D warmer milk decays faster

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9 **What is glucose used to make in cell walls?**

A starch

B glycogen

C amino acids

D cellulose

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10 **How does combustion affect carbon dioxide in the air?**

A it turns carbon dioxide into oxygen

B it removes carbon dioxide

C it stores carbon dioxide in rock

D it releases carbon dioxide

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ANSWER KEY

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

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