ENGLAND GCSE BIOLOGY AQA HIGHER · UNIT 7 · 10 QUESTIONS

Ecology — 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 8
- B 4
- C 6
- D 10

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

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

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3 **What is a habitat?**

A where an organism lives

B all the organisms in an area

C a food web

D a population

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4 **How does deforestation affect the atmosphere?**

A more carbon dioxide is absorbed

B less carbon dioxide is absorbed

C the air gets cleaner

D more oxygen is made

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5 **What threatens food security?**

A a growing population

B better farming methods

C more food in shops

D fewer people in the world

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6 **Producers in a food chain have a biomass of 5000 kg. About 10 per cent of biomass passes to each level. What is the biomass of the secondary consumers?**

A 50

B 5

C 500

D 100

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7 **Fishing boats catch fish. What trophic level are the fish?**

A decomposers

B plants

C producers

D consumers

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8 **What is biomass?**

A the mass of dead material

B the mass of living material

C the number of organisms

D the energy in a food chain

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9 **A quadrat of area 10 square metres contains on average 5 daisies. Estimate the number of daisies in a field of 100 square metres.**

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

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10 **Rabbits with white fur survive better in snow. What is this an example of?**

- A extinction
- B artificial selection
- C mutation
- D natural selection

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ANSWER KEY

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

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