ENGLAND GCSE BIOLOGY EDEXCEL FOUNDATION · UNIT 4 · 10 QUESTIONS

Natural Selection and Genetic Modification — 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 forest absorbs carbon dioxide. Which process does this?**

- **A** decomposition in the soil
- **B** respiration in the trees
- **C** combustion of the wood
- **D** photosynthesis

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

A water for drinking

B warmth in winter

C a safe nesting site

D food for the chicks

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3 **What is cloning?**

A making a new species in the laboratory

B making a genetically identical copy

C growing a plant from a seed

D breeding two different species together

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4 **Horses are bred for speed. What is this called?**

- A mutation of the genes
- B evolution over millions of years
- C natural selection in the wild
- D selective breeding

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5 **A honeybee visits a flower to collect nectar. What does it carry between flowers?**

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

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6 **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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7 **Why was Lamarck theory not accepted?**

A giraffes do not have long necks

B Darwin proved him wrong in a trial

C changes in life are not inherited

D there was no evidence for evolution at all

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8 **What is a binomial name?**

A the family and order of the organism

B genus plus species

C the kingdom and phylum of the organism

D the common name of the organism

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9 **What must scientists do to make a GM crop?**

A spray it with chemicals every day

B change its genes

C water it more than other crops

D grow it in a greenhouse

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10 **What is natural selection?**

A animals choose their own traits

B the strongest animals kill the weakest

C the environment changes the genes directly

D the best adapted survive and breed

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ANSWER KEY

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

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