ENGLAND GCSE BIOLOGY OCR GATEWAY HIGHER · UNIT 5 · 5 QUESTIONS

Genes, Inheritance and Selection — 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 **Rabbits in a population show different fur colours. What is this called?**

A mutation

B selection

C variation

D evolution

Understand It with Pulse | Flag a mistake

2 What is a clone?

A an organism that looks similar to another organism

B a new species

C a twin

D an organism genetically identical to another

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3 Which bases pair together in DNA?

A A pairs with A, T pairs with T

B A pairs with G, C pairs with T

C A pairs with T, C pairs with G

D A pairs with C, T pairs with G

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4 **A couple have three children, all girls. What is the chance their next child is a girl?**

- A 1/2
- B 1/4
- C 3/4
- D 1/8

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5 **In a DNA sample, 30 percent of the bases are adenine. What percent are thymine?**

- A 70%
- B 20%
- C 30%
- D 40%

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ANSWER KEY

1. C
2. D
3. C
4. A
5. C

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