ENGLAND GCSE COMBINED SCIENCE OCR GATEWAY FOUNDATION · 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 **Horses are bred for speed. What is this called?**

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

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

A extinction

B natural selection

C artificial selection

D mutation

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3 **A pea plant with genotype Bb is crossed with a plant with genotype bb. What fraction of the offspring will be bb?**

A 1/4

B 1/2

C 3/4

D 1

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4 **A peach is a fruit. Which part of the flower does it develop from?**

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

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5 **In a DNA sample, 25 percent of the bases are adenine. What percent are thymine?**

- A 75%
- B 25%
- C 15%
- D 35%

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ANSWER KEY

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

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