ENGLAND GCSE BIOLOGY EDEXCEL FOUNDATION · UNIT 3 · 5 QUESTIONS

Genetics — 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 have different coat colours. What causes the differences?**

- A different habitats
- B different diets
- C different species
- D different alleles

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2 **What causes polydactyly?**

- A a dominant allele
- B a recessive allele
- C an extra chromosome
- D a missing chromosome

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3 **Two pea plants with genotype Bb are crossed. What fraction of the offspring will show the recessive trait?**

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

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4 **Which disorder is caused by a dominant allele?**

- A sickle cell anaemia
- B cystic fibrosis
- C haemophilia
- D polydactyly

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5

What is a genotype?

A the appearance of an organism

B the number of chromosomes

C the sex of an organism

D the alleles an organism has

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ANSWER KEY

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

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