ENGLAND GCSE BIOLOGY OCR GATEWAY FOUNDATION · UNIT 5 · 10 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 mutation of the genes

C selective breeding

D natural selection in the wild

Understand It with Pulse | Flag a mistake

2 **Rabbits in a population show different fur colours. What is this called?**

- A mutation
- B variation
- C evolution
- D selection

Understand It with Pulse | Flag a mistake

3 **What is the order of the Linnaean groups, largest first?**

- A a list of all living things
- B kingdom to species in order
- C species to kingdom in order
- D genus to family in order

Understand It with Pulse | Flag a mistake

4 **A sunflower grows taller over the summer. Where does most of the extra mass come from?**

A sunlight captured by the leaves

B water absorbed from the soil

C minerals absorbed from the soil

D carbon dioxide from the air

Understand It with Pulse | Flag a mistake

5 **What is the correct order of classification, from largest to smallest?**

A phylum, kingdom, class, family, order, genus, species

B kingdom, phylum, class, order, family, genus, species

C kingdom, class, phylum, order, genus, family, species

D species, genus, family, order, class, phylum, kingdom

Understand It with Pulse | Flag a mistake

6 **What causes cystic fibrosis?**

A a dominant allele

B a mutation in the sex chromosomes

C two recessive alleles

D an infection in the lungs

Understand It with Pulse | Flag a mistake

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

A 1

B 3/4

C 1/2

D 1/4

Understand It with Pulse | Flag a mistake

8 **Which animal was the first cloned from an adult cell?**

A a farm cow

B Dolly the sheep

C a laboratory mouse

D a pet dog

Understand It with Pulse | Flag a mistake

9 **Two heterozygous parents have a child. What is the probability the child is homozygous recessive?**

A 0%

B 75%

C 50%

D 25%

Understand It with Pulse | Flag a mistake

10 **A peach tree flowers in spring. What do bees carry between flowers?**

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

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

© 2026 Brett Robbins. All Rights Reserved.