ENGLAND GCSE COMBINED SCIENCE AQA TRILOGY HIGHER · UNIT 6 · 10 QUESTIONS

Inheritance, Variation and Evolution — 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 with white fur survive better in snow. What is this an example of?**

A natural selection

B mutation

C artificial selection

D extinction

Understand It with Pulse | Flag a mistake

2 **A brown dog has fleas. What are fleas?**

A prey

B producers

C parasites

D predators

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3 **A honeybee is an insect. How many legs does it have?**

A 6

B 4

C 8

D 10

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

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

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5 **A forest provides a habitat. What does habitat mean?**

- A when an organism sleeps
- B what an organism eats
- C how an organism breeds
- D where an organism lives

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

A cystic fibrosis

B haemophilia

C polydactyly

D sickle cell anaemia

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7 **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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8 **In a DNA sample, 30 percent of the bases are adenine. What percent are thymine?**

A 20%

B 30%

C 40%

D 70%

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9 **Which disorder is caused by a recessive allele?**

A Down's syndrome

B Huntington's disease

C polydactyly

D cystic fibrosis

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10 **What is natural selection?**

A survival of the best adapted

B survival of the strongest only

C random extinction

D breeding by humans

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ANSWER KEY

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

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