ENGLAND GCSE COMBINED SCIENCE AQA TRILOGY FOUNDATION · 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 **A honeybee visits a flower to collect nectar. What does it carry between flowers?**

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

Understand It with Pulse | Flag a mistake

2 **A forest absorbs carbon dioxide. Which process does this?**

A respiration in the trees

B decomposition in the soil

C combustion of the wood

D photosynthesis

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

A natural selection

B mutation

C extinction

D artificial selection

Understand It with Pulse | Flag a mistake

4 **Where is DNA found in a cell?**

A in the cytoplasm

B in the cell membrane

C in the mitochondria only

D in the nucleus

Understand It with Pulse | Flag a mistake

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

A selective breeding

B mutation of the genes

C natural selection in the wild

D evolution over millions of years

Understand It with Pulse | Flag a mistake

6 **A mother has blood group O and a father has blood group AB. Which blood group can their children NOT have?**

- A B
- B O
- C AB
- D A

Understand It with Pulse | Flag a mistake

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

- A prey
- B producers
- C predators
- D parasites

Understand It with Pulse | Flag a mistake

8 **Which bacterium is resistant to many antibiotics?**

A MRSA

B TB bacteria

C Salmonella

D E. coli

Understand It with Pulse | Flag a mistake

9 **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

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

A the ovary

B the anther

C the petal

D the stigma

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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