ENGLAND GCSE BIOLOGY OCR TWENTY FIRST CENTURY HIGHER · UNIT 1 · 10 QUESTIONS

You and Your Genes — 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 **Eggs are produced by hens. What is the female reproductive cell called?**

- A an egg cell
- B a zygote
- C an embryo
- D a sperm cell

Understand It with Pulse | Flag a mistake

2 **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

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3 **Rabbits breed quickly. What does this mean for the population?**

A it always falls

B it never changes

C it always stays small

D it can grow fast

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4 **What is a genotype?**

A the appearance of an organism

B the sex of an organism

C the number of chromosomes

D the alleles an organism has

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

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

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6 **A brown dog is vaccinated. What does the vaccine contain?**

- A a live dangerous pathogen that causes disease
- B an antibiotic
- C white blood cells
- D a dead or weakened pathogen

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7 **How does sexual reproduction cause variation?**

A it mixes genes from two parents

B it copies one parent exactly

C it changes the number of chromosomes

D it stops mutations

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8 **What is a mutation?**

A a change in the number of chromosomes

B a change in the size of a cell

C a change in the number of cells

D a change in the DNA base order

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

A 4

B 6

C 10

D 8

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10 **What is the oldest method of cloning plants?**

A tissue culture in a laboratory

B embryo transplants

C a new laboratory technique

D taking cuttings

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ANSWER KEY

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

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