

Name:

Quiz - KS2

Unit title: Evolution and inheritance

Q1 What is variation?

- A** Any similarity between individuals of a species.
- B** Any difference between individuals of a species.
- C** Any comparison between individuals of a species.
- D** Any individuals of a species.

Q2 Which of these is an example of just environmental variation and cannot be inherited?

- A** Hand span.
- B** Blood type.
- C** A scar.
- D** Height.

Q3 Which of these is an example of just inherited variation and is not affected by the environment?

- A** Hand span.
- B** Blood type.
- C** A scar.
- D** Height.

Q4 An adaptation is ...

- A** an inherited characteristic that helps an organism to survive.
- B** an inherited characteristic that stops an organism from surviving.
- C** an environmental characteristic that helps an organism to survive.
- D** an environmental characteristic that stops an organism from surviving.

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Q5 An example of an adaptation for a polar bear is ...

- A** a fatty hump.
- B** large feet.
- C** long eyelashes.
- D** all of the above.

Q6 An example of an adaptation for a camel is ...

- A** a fatty hump.
- B** large feet.
- C** long eyelashes.
- D** all of the above.

Q7 Which shows the correct order of the steps involved in natural selection?

- A** Gradual change → Advantages inherited → Survival of the fittest → Variation.
- B** Gradual change → Survival of the fittest → Advantages inherited → Variation.
- C** Variation → Survival of the fittest → Advantages inherited → Gradual change.
- D** Variation → Advantages inherited → Survival of the fittest → Gradual change.

Q8 Which is used as evidence for the theory of evolution?

- A** Fossils.
- B** Observing variation in living things.
- C** Studying the genes of a species.
- D** All of the above.

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Q9 Which of the following about evolution is not true?

- | | |
|----------|---|
| A | Evolution normally takes place over millions of years. |
| B | Evolution only affects animals. |
| C | Evolution is a gradual change of a living thing from an earlier form. |
| D | Evolution depends on inherited variation. |

Q10 Which fox is best adapted for a snowy environment?
Explain your ideas.

Score:

/ 10