**1.** Which of the following represent homologous features?

A. Wings in birds and insects

B. The appendix in humans and horses

C. Fins in fish and wings in birds

D. The striped coat of the zebra and the tiger

(Total 1 mark)

**2.** Which of the following are used as evidence for evolution?

I. Homologous structures

II. Selective breeding of domesticated animals

III. Overproduction of offspring

A. I and II only

B. I and III only

C. II and III only

D. I, II and III

(Total 1 mark)

**3.** Charles Darwin used domesticated animals to provide evidence for evolution by natural selection.
What is this evidence?

A. Differences between breeds show that selection can cause species to change.

B. The ancestors of domesticated animals can be found in the fossil record.

C. Some domesticated animals die because the environment cannot support them all.

D. Variation in domesticated animals is due to sexual reproduction.

(Total 1 mark)

**4.**

(c) Outline the evidence for evolution provided by homologous structures.

(6)

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