

Name _____

AP BIOLOGY FOUR

FREE RESPONSE QUESTION

Flowering plants have evolved various strategies for fertilization.

- (a) **Describe** the process of fertilization in flowering plants.
- (b) **Discuss** TWO mechanisms of pollen transfer and the adaptations that facilitate each mechanism.

Some species of flowering plants have evolved mechanisms to prevent self-fertilization.

- (c) **Discuss** an evolutionary advantage of preventing self-fertilization.
- (d) **Describe** TWO mechanisms that prevent self-fertilization.