

Name _____

Period _____

Ms. Foglia

Date _____

AP: CHAPTER 51: BEHAVIORAL BIOLOGY

1. Define the two basic types of behavior.

2. Compare and contrast instincts and reflexes.

3. What is a fixed action pattern?

4. Describe the following behaviors:

a. Imprinting _____

b. Habituation _____

c. Trial and Error _____

d. Associative Learning _____

• Classical conditioning _____

• Operant conditioning _____

e. Agonistic behavior _____

f. Dominance Hierarchy _____

g. Altruistic Behavior _____

5. Explain the difference between proximate and ultimate causes.

6. In the PowerPoint presentation, why do you think the birds are spaced that particular distance apart?

7. List an advantage and a disadvantage of defending a territory.

8. What are pheromones and how do they help in communication?

9. What are circadian rhythms and how are they of adaptive value?

10. Explain the evolutionary adaptation of kin selection.
