

Behavioral Ecology Quiz

Mr. Blois, 2018

Name: _____

Total:

/10

Match the vocabulary on the left with their definitions on the right.

/4

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|----------------------------|--|
| 1. <i>habituation</i> | a. selflessness; the ability to consider the best overall benefit |
| 2. <i>imprinting</i> | b. genetic influences on behavior (because of DNA) |
| 3. <i>social learning</i> | c. no longer responding to old, repeated, unimportant, stimuli |
| 4. <i>nurture</i> | d. development phase when certain behaviors can be learned |
| 5. <i>altruism</i> | e. one male mating with several females (or vice versa) |
| 6. <i>sensitive period</i> | f. traits, qualities and behaviors that come about due to environmental / social influences on behavior (learning) |
| 7. <i>nature</i> | g. the passing on of traits and behaviors to the next generation |
| 8. <i>polygamy</i> | h. learning through observing others |

9. Describe chemical communication and explain what is happening in our brain. /2

10. Describe visual communication and provide a specific example. /1

11. What is the problem with selfishness? (Hint: Bacteria) /1

12. What are the differences between what men and women expect in a mate? /1

13. Describe operant conditioning. /1
