Unit 2: Animal Behavior Practice Exam Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Altruistic Behavior

1. Give an example of altruistic behavior in Meer Cats:

* 1. What type of altruistic behavior is this?
  2. And how does it work?

Avoiding Predation

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ can avoid predation in many ways – **which** are they and **how** do they work?

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| --- | --- | --- |
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Bee Communication

1. How is bee sex/gender determined?
   1. What role does this play in the bee’s 3 musketeers motto, “one for all, and all for one?”
2. What is the queen substance and what does it affect?
3. There are the 3 methods of bee communication- explain 2 of them:

|  |  |  |
| --- | --- | --- |
| **Method #** | **Method** | **Why is it used/What does it communicate?** |
| 1 |  |  |
| 2 |  |  |

Pheromone and Scraps of Behavior

1. Explain how humans use pheromones? (Include immune response)
2. A Fixed action pattern in bears causes them to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Explain:
3. Mating systems: (what is it, describe how it works and give an example)

|  |  |  |
| --- | --- | --- |
| System | Describe | Example |
| Polygyny |  |  |
|  | **1Male and 1 Female** |  |
|  |  | **Bower Bird** |

1. What is the difference between aggression and violence?

|  |  |
| --- | --- |
| Aggression | Violence |
|  |  |

* Why would a species evolve to show aggression before violence?