

Name: _____

Date: _____ Class: _____

TOPIC 1.2 - INTERDEPENDENCE (Pg. 16)

1. After listening to Mr. Craddock in class, explain how the "Predator-Prey Relationship" works using the Lynx and the Hare as examples. _____

3. Discuss how this affects genetics of the future generations of each population from this relationship? _____

A. SYMBIOSIS (pg.17)

1. Define what **SYMBIOSIS** is. _____

2. There are 3 types of symbiosis. Define and give an example of each of them below.

- **MUTUALISM** - _____

Ex. _____

- **COMMENSALISM** - _____

Ex. _____

- **PARASITISM** - _____

Ex. _____

B. NICHES (pg.17)

1. In Symbiosis, one of the species in the relationship always benefits. There is one relationship however, between two living things (organisms) where neither of them benefit. This relationship is called **INTERSPECIES COMPETITION**. An example of Interspecies Competition is _____

2. What is a **NICHE** in relation to organisms? _____

C. RESOURCE PARTIONING (pg. 19)

1. What is **resource partitioning** and how does it relate to Interspecies competition? _____

2. Please **draw figure 1.13** from page 19 below.

3. Using the drawing of figure 1.13 above, explain how various species of warblers exemplify Resource Partitioning in the wild. _____

D. CHECK AND REFLECT (pg. 19)

Please complete the following check and reflect questions from page 19 of the text.

#4) _____
