

Name: _____ Date: _____ Period: _____

1. Biodiversity is a term that has several meanings. Using your notes, provide definitions for the term biodiversity. (It may be helpful to refer to the diagram)

- Total number of species in an area
- Total variety of genes within a single species
- Total number of ecosystems in an area
- Number of endemic species in an area

2. What is the difference between ecosystems services and natural resources?

- Natural resources are essential and useful to humans while the ecosystem services are natural services provided by the ecosystem to support human economies at no cost.

3. Give an example of an ecosystem service.

- Nutrient cycling
- Pollination
- Pest control
- Water filtration
- Topsoil renewal

4. Give an example of the “Tragedy of Commons”

Answers will vary.