

Sept 18, 2009

Name: \_\_\_\_\_ Pledge (sign): \_\_\_\_\_

## Envr 201 Test #1

**Point Total:** 100 pts possible

12 pts 1. Briefly (1-2 sentences) define/explain the following terms from the Endangered Species Act:

(a) the 'God Committee'

(b) Habitat Conservation Plan

(c) Critical Habitat

5 pts 2. What are the consequences of the environmentalists' dilemma described by Bryan Norton?

5 pts 3. In your opinion, is Leopold's Land Ethic utilitarian/anthropocentric or biocentric? Justify your answer.

5 pts 4. Briefly explain the process of *geographic speciation*.

6 pts 5. What is the 'mosaic nature' of the environment, as noted by G. Evelyn Hutchinson? What is its significance?

8 pts 6. The 1890 Census that declared the disappearance of the American Frontier was followed closely by the rise of Pinchot's Progressive Conservation. This was not coincidental; explain why.

8 pts 7. Biologists and others have been alarmed over species extinction. As E.O. Wilson says, 'there can be no doubt that extinction is proceeding far faster than it did prior to 1800. The basis for this statement is not the direct observation of extinction.' What is the basis for this statement? Answer in a little detail.

12 pts 8. According to Roger Sedjo, what are the problems with ecosystem management? Be complete. In your answer, use and describe the concept of an 'organic act.'

12 pts 9. In class we discussed two Supreme Court cases, shown below. For each, briefly summarize the dispute that led to the case, state the court's ruling, and explain its significance in environmental law. Use the back of this sheet as necessary.

(a) *Sierra Club v Morton*

(b) *TVA v Hill*

12 pts 10. (a) What are the basic premises of environmental economics? Briefly explain each premise.

15 pts (b) When economists apply their tools to environmental problems, mention is often made of the economically most 'efficient' or 'optimal' levels of environmental degradation. What is meant by this statement, and how is it determined? (A diagram might help your explanation.)