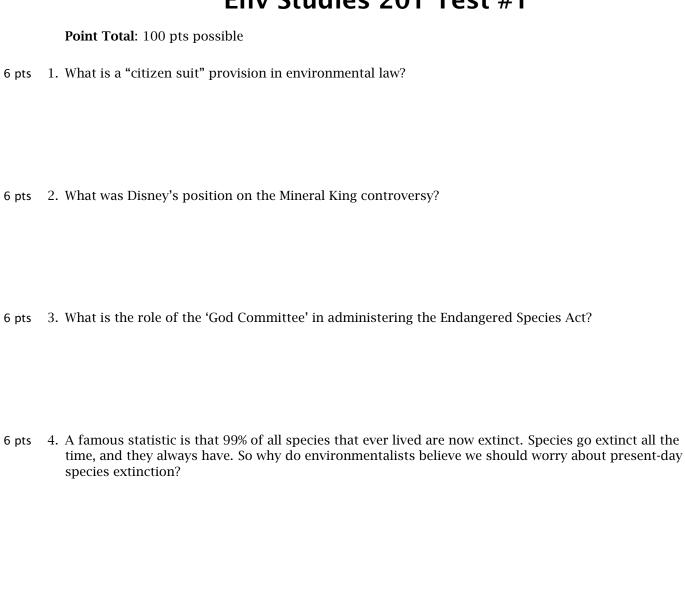
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Env Studies 201 Test #1



5 pts 5. **EXTRA CREDIT**: What is the *environmentalist's dilemma* as posed by Bryan Norton?

10 pts	6.	Ecologists often assert that biodiversity loss negatively impacts ecosystem <i>functioning</i> and <i>stability</i> . What is meant by this assertion? In your answer, be sure to distinguish between the two effects.
6 pts	7.	(a) What is <i>Pareto optimality</i> ?
8 pts		(b) How can this concept be applied to environmental policy?

8 pts	8.	Briefly, what were Aldo Leopold's biggest criticisms of the land management practices of the Forest Service in his time?
	9.	There have been some notable criticisms of a purely economic approach to environmental policy.
8 pts		(a) Summarize the criticisms that Mark Sagoff has for 'economic efficiency.'
8 pts		(b) Gatto and De Leo criticize efforts of ecological economics, such as John Costanza, to value ecosystem services. What is the nature of their criticism?
8 pts	10.	The Endangered Species Act (ESA) is sometimes called the 'pit bull' of environmental activists. It has created a lot of controversy. What two main criticisms of the ESA are usually used by its detractors?

8 pts	11.	Roderick Nash states that American pioneers had a 'bias' against wilderness. What was the nature of this bias?
12 pts	12.	In some detail, compare and contrast the attitudes of the following people towards wilderness: Gifford Pinchot, John Muir, and Aldo Leopold.