Study Guide Environmental Issues

The test covers: Lorax, Biodiversity video, RAP team video, Tragedy of the Commons, and E.O. Wilson reading

Vocabulary

Biodiversity

Endangered species

Ecotourism

Ethnobotany

"Latex" frogs

Conservation International

"Shade-grown" coffee

Ecological "hot spot"

Threatened species

Techno sapiens

Ecological Island

Sustainable

Keystone species

Terry Irwin

Ornithology

Botany

RAP
E.O. Wilson
Deforestation
Rare Species
ESA
Environmental Risk
Oil companies
Exotic or Introduced Species
John Muir
Entomology
Mammalogy
Mist net
Extinction
"Homogascene"
Transect
MMPA
Genetic Risk
Commons
Earth First-Ecoterrorism Dave Foreman
Sustainable
Short Answer:

Describe how you would determine which organisms in a habitat are the "keystone species" for that environment. Give an Example

Why must conservation of species resources be coupled with economic development?

In the article "Threats to Biodiversity" Wilson says that all ecologists, including himself, would argue that every species extinction diminishes humanity. Why is that? What do we lose with each extinction?

What are ecological islands... and why should we be studying them?

List the 3 forms of wealth belonging to a country.
In Tragedy of the Commons Hardin says "our pollution is a consequence of ________". How do you feel about that and what should be done?

Describe how you would effectively sample each of the following populations if you were a member of a RAP team? What kind of biologist would you be in each case?

a. The birds (2 ways)

b. The insects (1 way)

c. The Mammals (3 ways)

d. The plants (2 ways)