

Name: _____ Pledge: _____

Env Studies 201 Test #2

Point Total: 100 pts possible

- 3 pts 1. **True or false:** Betsy Hartmann agrees with the notion that controlling population growth will solve most environmental problems.
- 3 pts 2. What are the two most common types of GM crops? List them.
- 5 pts 3. In 1-2 sentences, explain Stephen Safe's position about environmental hormone disruptors.
- 5 pts 4. What is sustainable development? Be brief (1 sentence).
- 10 pts 5. In your own words, describe and explain the 'the tragedy of the commons.'

10 pts 6. What is the *Green Revolution*?

7. People often frame the debate about resource depletion in terms of the 'carrying capacity' of the Earth. Some people often worry that we have already exceeded the Earth's carrying capacity.

5 pts (a) What is meant by the phrase *carrying capacity*?

5 pts (b) "What is the Earth's carrying capacity?" Joel Cohen's answer would likely be "it depends."
Depends on what?

5 pts (c) What would Julian Simon's answer be to the same question? Give his reasons.

6 pts 8. What is the purpose of CERCLA?

10 pts 9. Food production causes serious environmental degradation. List the ways (as many as you can) in which the environment is impacted by growing crops and raising livestock.

12 pts 10. Describe and explain the *demographic transition*.

11. In justifying her revision of the ozone and PM air quality standards, Carol Browner depended on 'an emerging body of epidemiological studies.'

7 pts (a) What kind of studies are these? Describe the most common type, the time-series study.

7 pts (b) Daniel Menzel criticized this over-dependence on epidemiology in revising the PM standards. What is the nature of his objections?

7 pts (c) Ozone is a major air pollutant, yet it is not directly emitted into the air by human activities. How is it created?