

NRM 140 Fall 2011 Test 1 Study Questions

Your notes are intended to be the main source of information for the tests but chapter sections are listed for some questions.

1. Explain the differences (and overlap) between renewable, non-renewable or 'effectively' non renewable natural resources.
2. What is the basic connection between excessive population growth (on Earth) and the condition of natural resources?
3. Explain the basic viewpoints or approaches to NRCM and why 'ecologic sustainability' can be a moving target. (Chapter 1 pages 3-6)
4. Explain the differences between "conservation" and "management" as I defined them in class. (Chapter 1 pg 13-15)
5. Can you explain how functioning ecosystem essentially connects the following: Energy, Food/Nutrition, Individual Survival, Habitat, Reproduction, Population Survival, Species Survival....AND why we care about this in the field of natural resource conservation and management?
6. Given the following biotic and abiotic factors can you describe some potential effects these might have on an ecosystem and how this might show up in a way that we could measure or evaluate?

Temperature, Precipitation, Human Land Use, Invasive Species, Competition for Food/Space/Resources, Processes (decomposition, nutrient cycles)

7. How does our "footprint" of the effect we have differ from the where we actually live and how might we reduce this?
8. Describe the basic resources we evaluated on 9/13 and explain what we were trying to assess about them and how. (Recall: Basic questions in NRCM, what resources are present?, how good are they? What can/should we do to conserve, manage, restore? (Chapter 2 pages 22-23, Chapter 3 pages 51-52)