

05 May, 2004 206 4th Study Guide 2004.DOC

FINAL EXAM WILL BE IN THE NORMAL LECTURE ROOM ON WEDNESDAY 12 MAY, 2004 at 0800h.
Please refer to the previous exams and review sheets as well as the material (lectures, readings, labs) since the third exam for both lecture and lab.

Likely Exam Format (total of 175 points):

True or false and matching (~50 points)

Really Short Answer or Definitions (one word or sentence) (~50 pts)

Short Answer (a couple of sentences) (~75 pts)

1. What are the 4 spikes? What is being done about them? What remains to be done about them? What can you do about them?
2. What did Guy McPherson mean by the discount rate used in neoclassical economics?
3. What are some of the arguments in favor a steady state economy? Why might a steady state economy be difficult to implement?
4. How does the cost of defending access to mideast oil resources compare to the value of those oil resources?
5. On average, developed countries spend how much on defense as compared to aid. How is this different in the US? How much actual money does the US spend on its military every year? How much on international aid?
6. Guy McPherson suggested that we should all live as if the world was exactly as it would be in our ideal fantasy world. Is this a reasonable or feasible suggestion?
7. What are the important components of an American's ecological footprint?
8. What makes for a good oral presentation? What was the best group presentation you saw and why? What was it about? What improvements would you suggest for the project and for the presentation itself?
9. Define full cost pricing and give an example. How is this related to the concept of an externality?
10. What is the Genuine Progress Indicator? What does it measure? How is different than GDP?
11. Define environmental justice. Give an example of an issue that illustrates environmental justice.
12. What is NIMBY and how is it related to Environmental Justice?
13. Define the precautionary principle.
14. At what national park does Edward Abbey work in the reading you were assigned by him?
15. How might the Sonoran Desert Conservation Plan benefit local species and ecosystems? How might the SDCP, and plans like it, illustrate environmental injustice?
16. Define adiabatic cooling.
17. What was the most common species at each of the four main stops we made on Mt. Lemmon?
18. How are relative and absolute humidity different?
19. What were the different biomes that we went through on the way up Mt. Lemmon?
20. What is the largest component of landfills that is currently recyclable?
21. Why is buffelgrass a problem in Saguaro National Park? What is being done about it?
22. What mountains do you drive through to get to Saguaro National Park, West District?
23. What have you learned in this course that you will teach to others or use to change how you interact with the world around you?

Have a Good Weekend!

Thanks for a productive semester.