Study Guide for Required Readings Test

Geog 1001, 1002, & 2001

Prof. Naumann

From ***Why Geography is Important***

1. Learning Geography can create citizens with what kind of knowledge?

2. Why do Americans need to understand the nature of foreign cultures?

3. Geographic knowledge can help what kinds of leaders among the states of the world?

4. What is the best way geographic knowledge can help business, industry, and social service organizations is?

5. Why are geographers concerned about environmental?

6. How did the “information revolution” (technology & the internet) affected our geographic horizons ?

7. How can geography help us deal with natural hazards?

8. How can geographic study help in the conservation and preservation of our resources?

From ***Barry Commoner's Laws of Ecology***

9. According to Barry Commoner, what is the position of humans in the world?

10. What is the basic message behind the four laws of ecology?

11. The essence of life begins with what?

12. What is the transfer of solar energy from sun to plant to animals is through a series of links connecting organisms called?

13. The Competition among animals for the same resources results in what?

14. In the population cycles of prey and predators, the relationship between them might best be described by what relationship?

15. The law “everything has to go somewhere” is clearly illustrated when we attempt to do what?

16. what is true of the amount of minerals, nutrients, water, and soil that are available in the earth system?

17. what is the key, or **fundamental link (the foundation)**, in the cycling (recycling) of nutrients in a food chain?

18. What is the name for the type of animal that can only get nutrients found in the tissues of plants?

19. During each energy transfer in a food chain, what is there some loss of?

20. Changes in plants and animals in a community, over time is called what?

21. After a disaster like the Mount St. Helen volcanic eruption in 1980 that totally wiped out whole biotic communities, the first step , called the pioneer stage, is composed of what?

22. The final stage in ecological succession is known by what term?

23. In what ways can adaptation occur in an animal species ?

24. “There’s no such thing as a free lunch” as used by Barry Commoner, essentially means what?

25. What are the effects of eliminating large areas of rain forest in South and Central America?

26. In the Barry Commoner article, he added a fifth law of ecology which is

From ***You Can’t Argue with Geography***

27. According to the You Can’t Argue with Geography article, what is relationship between geography and history?

28. Of what value are maps to geography and history?

29. What is true of most American student’s skills, knowledge, and attitudes?

30. How would most Americans (the average guy on the street) describe the study of geography?

31. What is the central tenant of geography in relation to location?

32. Walter McDougall, in You Can’t Argue with Geography, seems to believe what about geography and its value?

33. Climate, erosion, and many landform features are created by the motions of the earth and what other factor?

34. When considering history and geography, how does Walter McDougall consider geography and history?