1. What are three types of forests?

2. Name two services performed by forests.

3. What is the place of George Perkins Marsh (1801-1882) in environmental thought?

4. Why is coal from mines in Illinois a major source of air pollution?

5. Name two factors that contribute to a buildup of air pollution and smog in cities such as St. Louis and Los Angeles. Name two factors that reduce air pollution.

6. What is Vladimir I. Vernadsky's (1863-1945) definition of the biosphere?

7. What is special and different about Illinois, compared to other "prairie states"?

8. Prairie ecosystems are currently endangered in many places. What are two reasons for this?

9. What method did Frederic E. Clements (1874-1926) use to study his idea of succession?

10. According to A. G. Tansley (1871-1955), what is an ecosystem?

11. What gas is given off by landfills? To what uses can it be put?

12. What is leachate?

13. Why did Garrett Hardin say, "Freedom in a commons brings ruin to all."

14. How do PCBs and DDT migrate in the biosphere?

15. What did the EPA do to sites contaminated with dioxin at Times Beach, Missouri?

16. According to the "Land Ethic," by Aldo Leopold ((1887-1948), the Land Pyramid goes in what order? (top to bottom)
   A. carnivores, herbivores, plants, sun
   B. soil, plants, insects, birds, carnivores
   C. sun, plants, herbivores, carnivores
   D. carnivores, birds, insects, plants, soil

17. When did the Dust Bowl occur and what policies were put in place in an effort to prevent future dust bowls?

18. Name three ways to prevent soil erosion.

19. How is the earth like a spaceship?

20. What is an environmentally sustainable society?

21. What ways of empowering women have led to lower birth rates?

22. Give two examples of water pollution.
23. What do authors Bill McKibben (b. 1960) and Garrett Hardin (1915-2001) have in common in their thinking about the environment?

24. What are two sewer-related problems faced today by the City of St. Louis?

25. What changes in the production of goods have been responsible for 200 to 2000% rise in pollution since the end of World War II in 1945? Name two examples.

26. What are some problems with using wind as an energy source? What are some positive aspects of wind as an energy source?

27. What are three sustainable alternatives to nuclear power, excluding fossil fuels.

28. Who were the first people to bring lead processing to St. Louis in 1720?

29. Under the common law of nuisance, people could sue businesses for being offensive to the senses if their activities impaired the physical comfort of those in contact with the business. [True/False]

30. Why does Terry T. Williams call the marsh she visited an "urban wilderness"?

31. What does Lewis Thomas (1913-1993) mean when he says that "it takes a membrane to make sense out of disorder in biology"?

32. How does the film, AFFLUENZA, relate to the theme of waste and the consumer society?

33. How did Dr. Blain define sustainable economic development? What are the characteristics of sustainable development?

34. According to Robert Blain, what are to problems with the approach of most economists today?

35. What is a major process regulated by Gaia?
   A. the amount of salt in ocean water
   B. the amount of carbon dioxide in the air
   C. the temperature of the biosphere
   D. all of the above

36. What is the gaia hypothesis and how is it supposed to work?

37. _______________ is the term used to describe the process of keeping things constant.

38. How did Gary Snyder (b. 1930) define "nature. Why is a trash dump natural?

39. How does R. Edward Grumbine (b. 1953) define "wildness" and "wilderness"?

40. What is one impact of global warming?

41. What are two causes of global warming?

42. What connection does Jan Zita Grover (b. 1945) make between the cutover area of Wisconsin and AIDS?

43. What are the four principles of the Natural Step and where did they originate?
44. Name three companies that make efforts to be more "green". What policies demonstrate their commitment to sustainability?

45. According to Gordon L. Miller (b. 1954), in what way is the "objectified frog" an indication of one of the most distinctive features of the modern Western mind?

46. In terms of "shallow ecology," what can we do to help protect the environment?

47. According to the ideas of "deep ecology," what needs to be done to help protect the environment?

48. Why did the editors of KEEPING THINGS WHOLE choose this title for their book?