

Name: _____ Class Hour: _____ Date: _____

Environmental Science Final Exam Study Guide

Multiple Choice

Identify the choice that best completes the statement or answers the question.

- _____ 1. Which of the following situations best describes the use of a renewable resource?
- _____ 2. Which country is *most* likely to have either a stabilized or a slowly growing population?
- _____ 3. The “Tragedy of the Commons” describes the conflict between
- _____ 4. An ecological footprint is the
- _____ 5. The average mass of a wolf in a pack of wolves is an example of
- _____ 6. A model of a dinosaur is an example of a _____ model.
- _____ 7. The Richter scale best describes the
- _____ 8. Where is most of the fresh water on Earth located?
- _____ 9. The energy in most ecosystems comes from
- _____ 10. Some organisms are more likely to survive because they
- _____ 11. In order for evolution to occur in a population, individuals with a trait that is “naturally selected for” must
- _____ 12. Which of the following describes soil and temperature in an ecosystem?
- _____ 13. Which gas makes up 78 percent of our atmosphere but can be used by plants only when transformed by bacteria first?
- _____ 14. Which organism is likely to be in the bottom trophic level of a food chain?
- _____ 15. Taiga is

- ___ 16. The main factor that determines what type of plants grow in a biome is
- ___ 17. Estuaries are very productive ecosystems because they receive fresh nutrients from
- ___ 18. Which of the following is a threat to coral reefs?
- ___ 19. The density of a population is
- ___ 20. The difference between a predator and a parasite is that a predator
- ___ 21. An increase in waterborne diseases could possibly be alleviated by
- ___ 22. Which of the following is a reason that wood is considered a limited resource in many developing countries?
- ___ 23. An endangered species is
- ___ 24. The current rate of species extinction is
- ___ 25. What level of biodiversity is most commonly equated with the overall concept of biodiversity?
- ___ 26. Which of the following is one way a person could conserve water?
- ___ 27. What is an inexpensive solution to providing everyone with more fresh water to use?
- ___ 28. What pollutant forms when automobile emissions react with oxygen gas and ultraviolet rays?
- ___ 29. Which of the following pH measurements of rainwater would indicate acid precipitation?
- ___ 30. Climate in a region is
- ___ 31. Which of the following gases is *most* responsible for the greenhouse effect?
- ___ 32. Ultraviolet radiation is particularly dangerous because
- ___ 33. The average global temperature has _____ during the 20th century.

- ___ 34. Environmental damage to wilderness areas
- ___ 35. What is reforestation?
- ___ 36. Which of the following best describes why many people in the world go hungry?
- ___ 37. DDT is harmful to the environment because it
- ___ 38. Dredging streambeds may be an effective technique for mining
- ___ 39. Surface mining can cause
- ___ 40. Electric generators work by
- ___ 41. Which of the following is an advantage of using fossil fuels for energy?
- ___ 42. Which of the following is an advantage of nuclear energy?
- ___ 43. Renewable energy is energy from sources that
- ___ 44. Compared to washing clothes in warm water, washing clothes in cold water uses
- ___ 45. According to the text, what is the most helpful thing that a consumer can do to make sure that more materials are recycled?
- ___ 46. Which of the following is *not* considered hazardous waste?
- ___ 47. Two diseases that can be caused directly by pollution are
- ___ 48. If you wanted information about a particular environmental issue, what should you do?
- ___ 49. Solutions to environmental problems require
- ___ 50. In general, sustainability is more of a concern now than it was 100 years ago. Why?