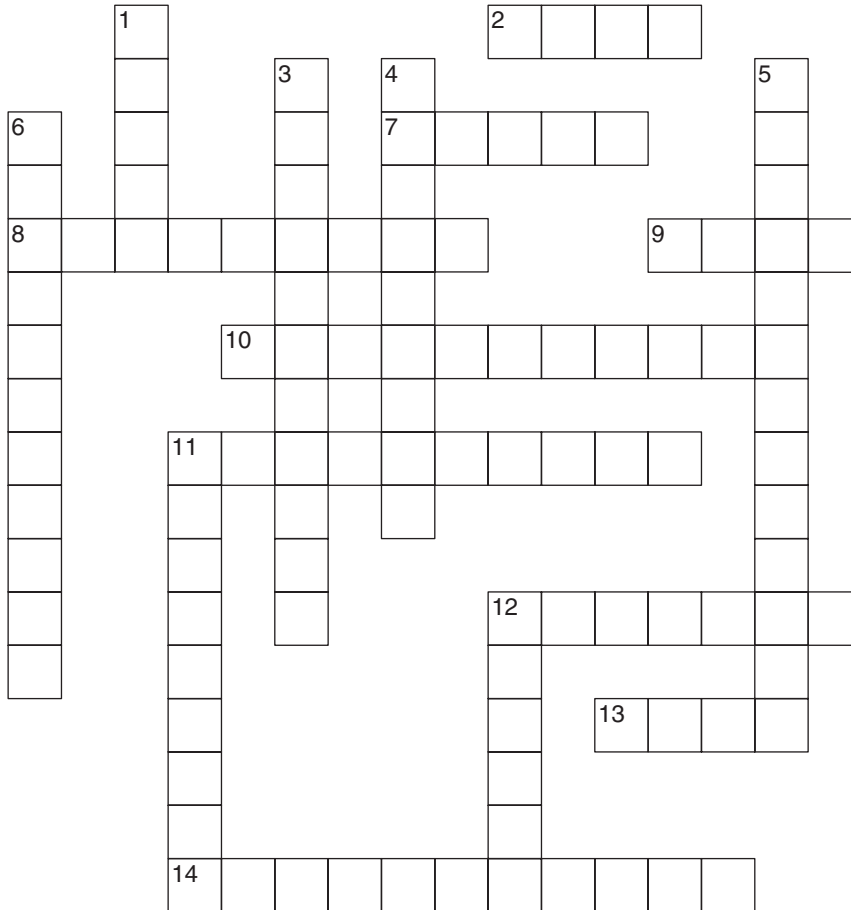


Chapter 6 Humans in the Biosphere

Chapter Vocabulary Review

Crossword Puzzle Use the clues below and on the following page to complete the puzzle.



Across

2. wearing away of surface soil by wind and water:
_____ erosion
7. layer of atmosphere that absorbs ultraviolet light
8. resource that can regenerate and is therefore replaceable
9. mixture of chemicals that occurs as a haze in the atmosphere
10. way of using resources at a rate that does not deplete them:
_____ development
11. disappearance of a species from all or part of its geographical range
12. type of diversity that includes all forms of genetic information carried by all organisms
13. precipitation that contains drops of nitric and sulfuric acid: acid

14. method of farming in which large fields are cleared and planted with a single crop year after year

Down

1. practice that uses new intensive farming practices to increase food production: _____ revolution
3. fish farming
4. harmful material that can enter the biosphere through the air, land, or water
5. loss of forests
6. the practice of farming
11. variety of different habitats, communities, and ecological processes: _____ diversity
12. type of warming that shows the trend in increasing temperature of Earth

Multiple Choice *On the lines provided, write the letter of the answer that best completes the sentence or answers the question.*

- _____ 15. A resource that cannot be replenished by natural processes is called
 a. nonrenewable. c. renewable.
 b. a stockpile. d. scarce.
- _____ 16. The sum total of the variety of organisms in the biosphere is called
 a. diversity. c. genetic diversity.
 b. biodiversity. d. species diversity.
- _____ 17. Development can split a habitat into smaller parts, in an effect known as
 a. biological magnification. c. ecosystem diversity.
 b. habitat conservation. d. habitat fragmentation.
- _____ 18. Populations that are introduced into a new habitat and reproduce rapidly are known as
 a. diverse species. c. parasites.
 b. invasive species. d. predators.
- _____ 19. The increasing concentration of a harmful substance in organisms at higher trophic levels in a food chain or food web is called
 a. biological magnification. c. biodiversity.
 b. desertification. d. genetic diversity.
- _____ 20. What term is used to describe a species whose population is rapidly shrinking and might disappear completely?
 a. endangered c. extinct
 b. threatened d. invasive
- _____ 21. In ecology, what term is used to describe the wise management of natural resources?
 a. renewable c. conservation
 b. equilibrium d. diverse