



### Chapter Review 14 (continued)

- \_\_\_\_\_ 12. Microorganisms give off \_\_\_\_\_ when they decompose organic matter in a landfill.
- a. methane gas
  - b. oxygen
  - c. nitrogen gas
  - d. phosphorus
- \_\_\_\_\_ 13. Which of the following is NOT used to make glass?
- a. igneous rock
  - b. silica
  - c. limestone
  - d. both a and b
- \_\_\_\_\_ 14. Car batteries should be recycled to prevent the leakage of \_\_\_\_\_ in sanitary landfills.
- a. potassium
  - b. nitrogen
  - c. lead
  - d. none of the above

### III. Skills/Process Review

*Answer the following questions in phrases or complete sentences.*

15. Sequence these waste-management methods in order of preference: composting, landfill, source reduction, combustion. \_\_\_\_\_  
\_\_\_\_\_
16. Explain how you can reduce the amount of solid waste generated when you choose between two new compact discs at the music store. \_\_\_\_\_  
\_\_\_\_\_
17. At the grocery store, your aunt buys paper towels. Explain how you can support recycling programs and still purchase something that will be thrown away. \_\_\_\_\_  
\_\_\_\_\_
18. Explain what incinerators are and what some cities use them for. \_\_\_\_\_  
\_\_\_\_\_
19. Why aren't plastics in a car usually recycled? \_\_\_\_\_  
\_\_\_\_\_

### IV. Feature Review

20. **Science and Society: Recycling: Is it working?** Explain why market forces do not always favor recycling. \_\_\_\_\_  
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