Skills Worksheet

Concept Review

MATCHING
In the space provided, write the letter of the term or phrase that best matches the description.

a. compost  f. Resource Conservation and Recovery Act (RCRA)
b. biodegradable  g. incinerator
c. landfill  h. mining waste
d. solid waste  i. leachate
e. hazardous waste  j. surface impoundment

1. any discarded solid material
2. can be broken down by biological processes
3. requires producers of hazardous waste to keep records of how wastes are handled
4. place to dispose of waste by burying it
5. water that contains dissolved chemicals from wastes that have been buried
6. rocks and minerals left over from excavation and processing
7. facility for burning trash
8. nutrient-rich material made from decomposed plant and animal materials
9. any toxic, corrosive, or explosive waste
10. process used for disposing of wastes involving a pond with a sealed bottom

MULTIPLE CHOICE
In the space provided, write the letter of the word or statement that best answers the question or completes the sentence.

11. Solid waste includes all of the following except
   a. agricultural waste.  c. plastics.
   b. methane.  d. food waste.

12. The ash produced when solid waste is incinerated is _________ than the original solid waste.
   a. less toxic  c. as toxic
   b. more toxic  d. more recyclable
13. If an owner of a business illegally dumps hazardous waste, which law allows the EPA to sue the owner and force the owner to pay for the cleanup?
   a. the Superfund Act  
   b. the Incinerator Act  
   c. RCRA  
   d. the Love Canal Act  

14. Surface impoundment includes which physical process?
   a. decontamination  
   b. evaporation  
   c. injection  
   d. all of the above  

15. One disadvantage of biodegradable plastic is that
   a. it has to be blended with plant sugars in order to be useful.  
   b. it has to be left in the sun for months before it can begin to degrade.  
   c. it is toxic and useful only in industry.  
   d. the plastic parts are reduced to smaller pieces but are not completely degraded.  

16. Which regulation requires producers of hazardous wastes to document how their wastes are handled?
   a. the Superfund Act  
   b. the Resource Conservation and Recovery Act  
   c. the United States Environmental Protection Agency (EPA)  
   d. the Love Canal Act  

17. Which of the following is the most important function of a landfill?
   a. to provide leachate for other industrial processes  
   b. to contain buried waste and prevent it from contaminating the environment  
   c. to be as inexpensive as possible to build  
   d. all of the above  

18. Which of the following would not reduce the amount of municipal solid waste going to landfills?
   a. composting yard waste  
   b. eliminating recycling programs  
   c. reusing products  
   d. all of the above