

## Pre-Test for the Solid Waste Module

1. Most trash in America is:
  - A. Incinerated
  - B. Recycled
  - C. Landfilled
  - D. Composted
  
2. Landfill gas is:
  - A. Composed of methane and CO<sub>2</sub>
  - B. Explosive
  - C. Stinky
  - D. Toxic
  - E. All the above
  
3. Incineration of trash:
  - A. Uses a large amount of land space
  - B. Produces no waste products
  - C. Is an alternative to landfilling
  - D. Consumes more energy than it produces
  - E. All of the above
  
4. Leachate is:
  - A. Produced by leaches
  - B. A waste product of landfills
  - C. Always collected and purified
  - D. Harmless for groundwater
  - E. A valuable commodity
  
5. Compared to older landfills, modern landfills in America are:
  - A. Larger and dirtier
  - B. Smaller and dirtier
  - C. Smaller and cleaner
  - D. Larger and cleaner
  
6. Methane is produced in landfills by:
  - A. Breakdown of plastics
  - B. Combining oxygen and CO<sub>2</sub>
  - C. Scavengers and pests
  - D. Anaerobic breakdown of organic material
  - E. Bulldozing equipment

7. The "E" in E-waste refers to:
- A. Electronic
  - B. Environmental
  - C. Energy
  - D. Excessive
  - E. Everyone's
8. Two of the toxins in E-waste are (choose two):
- A. CO<sub>2</sub>
  - B. Mercury
  - C. Carbon Monoxide
  - D. Lead
  - E. Nitrogen
9. The three R's stand for:
- A. Reclaim, Refine, Restore
  - B. Repurpose, Redo, Recharge
  - C. React, Reapply, Rebottle
  - D. Receive, Recollect, Recoup
  - E. Reduce, Reuse, Recycle
10. In some developing countries:
- A. People sift through garbage for valuable items
  - B. Landfills are left open
  - C. Some families live at or near dump sites
  - D. People make a living collecting from dumps
  - E. All of the above
11. Composting refers to:
- A. Feeding leftovers to the family dog
  - B. Turning organic waste into fertilizer
  - C. Sending yard waste to the landfill
  - D. Giving old clothes to Goodwill
  - E. Reusing your plastic bottles
12. What is NOT a way to minimize your waste?
- A. Recycle everything possible
  - B. Buy products with less packaging
  - C. Reuse items
  - D. Compact your trash
  - E. Compost kitchen scraps

13. Two Waste-to-Energy processes are: (choose two)
- A. Planting bio-fuel crops on closed landfills
  - B. Using solar ovens to break down trash
  - C. Running turbines off the heat of incineration
  - D. Purifying landfill gas to run power plants
  - E. Tapping tidal energy created by ocean trash
14. America has more space for landfills than European countries
- A. True
  - B. False
15. Developing countries produce more trash per person than developed countries
- A. True
  - B. False
16. Landfills produce greenhouse gases
- A. True
  - B. False
17. Mercury, lead and arsenic are poisonous by-products of E-waste
- A. True
  - B. False
18. Building on top of old landfills is NEVER allowed
- A. True
  - B. False
19. Tourism in a country has no effect on trash production
- A. True
  - B. False
20. Laws and Policy can have a greater effect on reducing waste than individual efforts
- A. True
  - B. False

Answers:

- 1) C
- 2) E
- 3) C
- 4) B
- 5) D
- 6) D
- 7) A
- 8) B, D
- 9) E
- 10) E
- 11) B
- 12) D
- 13) C, D
- 14) A
- 15) B
- 16) A
- 17) A
- 18) B
- 19) B
- 20) A