

Post-test for Solid Waste Module

1. 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

2. 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

3. 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

4. The "E" in E-waste refers to:
 - A. Electronic
 - B. Environmental
 - C. Energy
 - D. Excessive
 - E. Everyone's

5. Most trash in America is:
 - A. Incinerated
 - B. Recycled
 - C. Landfilled
 - D. Composted

6. 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

7. 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
8. 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
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. Methane is produced in landfills by:
- A. Breakdown of plastics
 - B. Combining oxygen and CO₂
 - C. Scavengers and pests
 - D. Anaerobic breakdown of organic material
 - E. Bulldozing equipment
11. Two of the toxins in E-waste are (choose two):
- A. CO₂
 - B. Mercury
 - C. Carbon Monoxide
 - D. Lead
 - E. Nitrogen
12. Landfill gas is:
- A. Composed of methane and CO₂
 - B. Explosive
 - C. Stinky
 - D. Toxic
 - E. All the above

13. 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

14. Mercury, lead and arsenic are poisonous by-products of E-waste

- A. True
- B. False

15. Developing countries produce more trash per person than developed countries

- A. True
- B. False

16. Laws and Policy can have a greater effect on reducing waste than individual efforts

- A. True
- B. False

17. Landfills produce greenhouse gases

- A. True
- B. False

18. America has more space for landfills than European countries

- A. True
- B. False

19. Building on top of old landfills is NEVER allowed

- A. True
- B. False

20. Tourism in a country has no effect on trash production

- A. True
- B. False

Answers

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