

Think Green Quiz Answers

1. Which of the following household wastes is considered a hazardous waste?
 - A. Plastic packaging
 - B. Glass
 - C. Batteries**
 - D. Spoiled food
 - E. Don't know
2. Where does most of the garbage in the U.S. end up?
 - A. Oceans
 - B. Incinerators
 - C. Recycling centers
 - D. Landfills**
 - E. Don't know
3. What is the most common reason animal species become extinct?
 - A. Pollution
 - B. Hunting
 - C. Habitats are being destroyed by humans**
 - D. Global warming
 - E. Don't know
4. Carbon monoxide is a major contributor to air pollution in the U.S. Which of the following is the biggest source of carbon monoxide in the United States?
 - A. Factory emissions and discharges
 - B. Motor vehicles**
 - C. Household chimneys
 - D. Landfills
 - E. Don't know
5. Zoning decisions which affect land use and development are usually made by which body?
 - A. The U.S. Congress
 - B. The U.S. Supreme Court
 - C. State legislatures
 - D. Local municipalities**
 - E. Don't know

6. Name the government agency that directly oversees and manages America's National Forests.
- A. **The USDA Forest Service**
 - B. The National Park Service
 - C. The Environmental Protection Agency
 - D. The Bureau of Land Management
 - E. Don't know
7. The adaptation where certain insects develop or "take on" the coloration of other bad-tasting insects in order to avoid predators is called _____.
- A. Camouflage
 - B. **Mimicry**
 - C. Cryptic coloration
 - D. Blending
 - E. Don't know
8. Approximately what percentage of the Earth's water is available as fresh drinking water?
- A. 90%
 - B. 45%
 - C. 20%
 - D. **Less than 3%**
 - E. Don't know
9. Which scientist is credited with raising public awareness about the environmental risks of pesticide use in the 1962 book *Silent Spring*?
- A. Aldo Leopold
 - B. Albert Einstein
 - C. **Rachael Carson**
 - D. Barry Commoner
 - E. Don't know
10. Wetland plants are capable of filtering some of the pollution generated from surface water run-off. Consequently, wetlands have a similar role in ecosystems that what organ performs for the human body?
- A. Heart
 - B. Liver
 - C. Lungs
 - D. **Kidneys**
 - E. Don't know

11. Recycling one aluminum can saves enough energy to provide power to your television for

- A. 3 seconds
- B. 3 minutes
- C. 3 hours**
- D. 3 days

(It takes 95 percent less energy to make new aluminum from used cans – 20 recycled cans can be made with the energy needed to produce one can using a virgin one.)

12. Two 50-watt bulbs produce the same amount of light as one 100-watt bulb.

- A. True
- B. False**

(A 100-watt bulb produces more light than two 50-watt bulbs – approximately the same amount of light as two 60-watt bulbs. You can conserve energy by using fewer lights with higher wattage while receiving the same amount of light.)

13. An incandescent light bulb (60 watts) lasts about 750 hours. How much longer does a compact fluorescent bulb last?

- A. 2 times longer
- B. 5 times longer
- C. 10 times longer**
- D. 20 times longer

(A compact fluorescent light bulb lasts 7,500 to 10,000 hours AND uses one-third the wattage of an incandescent bulb. One ton of carbon dioxide that is released in the air can be prevented by replacing all 75 watt light bulbs with energy-efficient bulbs.)

14. Each recycled laser cartridge conserves the equivalent of _____ quart(s) of oil.

- A. 1
- B. 2
- C. 3**
- D. 4

(Remanufacturing 500 million inkjet cartridges will save an estimated 4 million cubic feet of landfill space in just one year. On average, the cartridges can be used 3 to 5 times.)

15. On average, how many pounds of waste does each person in the United States generate each day?

- A. 2.4
- B. 4.4**
- C. 6.4
- D. 8.4

16. How many tons of paper do Americans use annually?

- A. 1 million
- B. 50 million**
- C. 500 million
- D. 1 billion

(Americans use 50 million tons of paper annually – consuming more than 850 million trees!)

17. Every ton of recycled office paper saves _____ gallons of oil.

- A. 380**
- B. 280
- C. 180
- D. 80

(In addition to saving 380 gallons of oil, every ton of paper that is recycled saves 17 trees.)

18. Producing recycled paper

- A. Results in 74% less air pollution
- B. Results in 35% less water pollution
- C. Creates 5 times the number of jobs, when compared to producing paper from virgin pulp
- D. All of the above**

(Paper makes up 36% of our solid waste. The burning of paper gives off air pollution, while the recycling of paper cuts our waste load over a third and saves precious forests.)

19. Employing automatic power management features on your computer and shutting down computers and monitors after work hours can cut energy use by

- A. 20%
- B. 40%
- C. 60%
- D. 80%**

(A computer and monitor left on all the time cause about a ton of carbon dioxide to be generated along with the electricity they use.)