

# EARTH DAY QUIZ!

## ANSWERS

- 1) **B. Oceans**  
Actually, more than half of our breathable oxygen comes from the ocean, the majority of which is provided by tiny plants called phytoplankton
- 2) **D. 20%**  
Trees convert carbon dioxide into oxygen. More than 20 percent of the world's breathable oxygen — one in five breaths — is produced in the Amazon rainforest alone.
- 3) **B. Enough for 4 people/year**  
Enough for 4 people a year. Assuming it lives 50 years, a single tree will produce 6,000 pounds of breathable oxygen in its lifetime, enough for about four people a year.
- 4) **D. 50 Million**  
Forests are home to 50 million indigenous people around the world, more than the populations of Tokyo, Mexico City, London, New York City and Cairo combined.
- 5) **A. Tropical Forests**  
Tropical forests cover less than 7 percent of Earth's land mass but are home to about 50 percent of all living things on the planet.
- 6) **D. All of the Above**
- 7) **C. Microplastics can damage organs and increase exposure to toxic chemicals.**  
This can threaten immune function, growth and reproduction. This has potentially larger implications up the food chain for humans.
- 8) **B. Paper**  
Every year, enough paper is thrown away to make a 12'-high wall stretching from New York to California.
- 9) **B. United States**  
At more than 4 kilometers above sea level, Hawaii's Mauna Loa is the largest volcano on the planet.
- 10) **B. Brazil**  
Brazil is estimated to host between 15-20% of the world's biological diversity.
- 11) **B. 50 gallons**  
The United States consumes water at twice the rate of other industrialized nations.
- 12) **C. 50-70 %**  
To save water, experts recommend never watering at the hottest times of the day or when it's windy.
- 13) **A. 1%**  
Nearly 97 percent of the world's water is salty or otherwise undrinkable. Another 2 percent is locked in ice caps and glaciers.
- 14) **B. 8,000 sheets**  
According to the group Conservatree, one tree makes 16.67 reams (one ream = 500 sheets) of copy paper or 8,333.3 sheet

- C. Taking a 10-minute shower** 15)  
The shower uses 30-50 gallons of water; flushing the toilet uses 2-7 gallons; filling the bathtub uses 25-30 gallons; washing one load of clothes uses 25-40 gallons.
- C. One week** 16)  
A person can live about a month without food but can only live about one week without water.
- B. 43%** 17)  
43% of the world's population eats fish every day.
- D. 90%** 18)  
Bee pollination is vital to maintaining life on our planet. In the U.S. alone, pollination produces nearly \$20 billion worth of products every year and \$217 billion worldwide.
- D. Space Heater** 19)  
The water heater uses approximately 4,000 watts, more than double of any of the other appliances.
- A. Heating and Cooling** 20)  
Heating and cooling accounts for 49 percent; the clothes washer and dryer for 6 percent; electronics for 7 percent; a refrigerator for 5 percent.
- B. Natural Gas** 21)  
Natural gas is a type of fossil fuel and is a nonrenewable resource; once it is used, it can't easily be replenished.
- C. Carbon Dioxide** 22)  
According to the EPA, the U.S. pumps more carbon dioxide into the atmosphere than any other country in the world. Each U.S. resident contributes about 22 tons of carbon dioxide emissions per year, whereas the world average per capita is about 6 tons.
- D. Marine Mammal Protection Act** 23)  
The first Earth Day in 1970 also led to the creation of the United States Environmental Protection Agency (EPA). By the end of 1970, the Clean Air Act, the Clean Water Act, and the Endangered Species Act had all been passed in a series of landmark environmental victories. However, the Marine Mammal Protection Act was not passed until two years later.
- E. All of the Above** 24)
- D. Plastic 6-pack holder** 25)  
It takes 450 years for a plastic 6-pack holder to disintegrate.