

EARTH DAY TRIVIA QUIZ

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1> On what date is Earth Day celebrated?

- a. March 15
- b. May 4
- c. April 22
- d. February 27

2> Who wrote the environmental thought-provoking book entitled, Silent Spring?

- a. Rachel Carson
- b. John Grisholm
- c. Dee Brown
- d. Pierre Burton

3> Who is considered the founder of Earth Day?

- a. Margret Thatcher
- b. George W. Bush
- c. Gaylord Nelson
- d. Gerald Ford

4> What disaster lead to the founding of Earth Day?

- a. Extinction of American mega fauna
- b. The Chernobyl disaster
- c. An oil spill off the coast of California
- d. An oil spill off the coast of Africa

5> The Canopy project is one of Earth Day's largest efforts. What is the goal?

- a. Recycling a million pounds of paper
- b. Collecting a million plastic bottles
- c. Planting a million trees
- d. Cleaning along the highways

6> What is the correct term for solar power, which is turned into heat?

- a. Solar thermal
- b. Solar jewel
- c. Solar generator
- d. Solar kilowatts

7> In the fifties, the US government started using solar cells to power what kind of devices?

- a. Cars
- b. Telephones
- c. Satellites
- d. Radios

8> If you live north of the equator, in which direction would you point your solar panels to get the best result?

- a. North
- b. South
- c. East
- d. West

9> As of 2012, which of these nations has the largest amount of solar power?

- a. New Zealand
- b. Spain

- c. Japan
- d. Finland

10> Which country produces the most solar panels?

- a. Germany
- b. France
- c. South Korea
- d. China

11> The United States uses most of its household energy every year to power what?

- a. Heat and cool the house
- b. TVs, computers and phones
- c. Heat water
- d. Lights

12> Which of the following fuels provides the most energy in the United States?

- a. Solar
- b. Geo-thermal
- c. Wind
- d. Petroleum

13> Which of these is true about fossil fuels?

- a. They are harvested from plants.
- b. They do not cause pollution.
- c. They are renewable.
- d. Created from the remains of plants and animals that died millions of years ago.

14> Which renewable-energy source, as of 2014, provides the US with the most energy?

- a. Solar
- b. Wind
- c. Geothermal
- d. Hydropower

15> The ancient Greeks and Romans harnessed hydropower to do what?

- a. Power their chariots
- b. Grind corn
- c. Heat their homes
- d. Dry their clothes

16> Hydroelectricity is electricity that is created from what?

- a. Heat
- b. Energy
- c. Power
- d. Water

17> Dams are often built to produce hydropower. Which dam produces the most power in the world?

- a. Grand Coulee in the United States
- b. Churchill Falls in Canada
- c. Ust Linskaya in Russia
- d. Three Gorges in China

Answers:

- 1> April 22 - Earth Day is celebrated in more than 192 countries around the world.
- 2> Rachel Carson - This book sold over 500,000 copies worldwide. This book raised people's awareness about the planet and the Environment.
- 3> Gaylord Nelson - When he began this project, he was the Senator from Wisconsin.
- 4> An oil spill off the coast of California - Underwater drilling caused the disaster when more than 200,000 gallons of crude oil created an 800-mile oil slick off the coast.
- 5> Planting a million trees - The project is geared to planting in areas where reforestation is urgent. These regions include Brazil, Mexico, Haiti and urban areas throughout the States.
- 6> Solar thermal - Solar thermal power is often used to keep swimming pools warm.
- 7> Satellites - Bell Laboratories played a major role in contributing to these developments.
- 8> South - If you lived south of the equator, you would point the panels north. Companies often place tracking devices on their panels to have them aligned with the sun's movement.
- 9> Spain - Spain and Germany are among the world leaders in installed solar power.
- 10> China - China manufactures over 50 percent of the world's solar cells and panels.
- 11> Lights - Most homes in the United States use fossil fuels for heating.
- 12> Petroleum - Petroleum is a fossil fuel. It is made into gasoline and diesel fuel.
- 13> Created from the remains of plants and animals that died millions of years ago. - Coal, natural gas and petroleum are all types of fossil fuels.
- 14> Hydropower - Hydropower is created by water.
- 15> Grind corn - They built mills, which would turn and grind the corn.
- 16> Water - Hydro is Greek for water.
- 17> Three Gorges in China - This dam was completed in 2011. The dam is capable of producing 22,500 MW of power. (MW = Mega Watt)