

**Read the passage carefully and then do the tasks.**

We use many different energy sources to do work for us. Energy sources are classified into two groups - renewable and nonrenewable.

Non-renewable energy sources are those that take millions of years to form and will run out some day. It is energy that comes from fossil fuels such as coal, crude oil, and natural gas. Fossil fuels are mainly made up of carbon and were formed millions of years ago. The chemical reaction which takes place when we burn fossil fuels releases carbon compounds such as carbon monoxide and carbon dioxide into the air. Carbon dioxide is one of the greenhouse gases which is contributing to global warming and air pollution.

On the other hand, renewable energy sources will never run out, are better for the environment and do not cause pollution. Renewable energy is often called green energy because it is a natural energy, always available and does not have to be formed like nonrenewable energy. The green energy is always there. For example, the Sun consistently shines, water is abundant, and the winds blow throughout the year. The five types include solar, energy from the Sun; geothermal, energy from heat within the Earth; hydroelectric, energy from moving water; biomass, energy from dead plants and microorganisms and finally, energy from the wind.

**A. Decide if the flowing statements are True (T) or False (F)**

1. Non-renewable energy is a source of energy that will eventually run out.

**TRUE**

**FALSE**

2. Renewable energy comes from natural sources, like sunlight, wind, water, and heat of the Earth.

**TRUE**

**FALSE**

3. Burning fossil fuels is harmful to the environment.

**TRUE**

**FALSE**

4. Renewable resources are better for the environment, but they are limited in supply.

**TRUE**

**FALSE**

5. carbon is the main element in fossil fuels.

**TRUE**

**FALSE**

6. Wind is the primary source of hydroelectricity energy.

**TRUE**

**FALSE**

## B. Answer the questions.

We use many different energy sources to do work for us. Energy sources are classified into two groups - renewable and nonrenewable.

Non-renewable energy sources are those that take millions of years to form and will run out some day. It is energy that comes from fossil fuels such as coal, crude oil, and natural gas. Fossil fuels are mainly made up of carbon and were formed millions of years ago. The chemical reaction which takes place when we burn fossil fuels releases carbon compounds such as carbon monoxide and carbon dioxide into the air. Carbon dioxide is one of the greenhouse gases which is contributing to global warming and air pollution.

On the other hand, renewable energy sources will never run out, are better for the environment and do not cause pollution. Renewable energy is often called green energy because it is a natural energy, always available and does not have to be formed like nonrenewable energy. The green energy is always there. For example, the Sun consistently shines, water is abundant, and the winds blow throughout the year. The five types include solar, energy from the Sun; geothermal, energy from heat within the Earth; hydroelectric, energy from moving water; biomass, energy from dead plants and microorganisms and finally, energy from the wind.

### 1. What are fossil fuels? Fossil fuels are:

- A. carbon
- B. crude oil
- C. natural gas
- D. coal

### 2. When were fossil fuels formed?

- A. Fossil fuels were made up of Carbon.
- B. Fossil fuels were formed millions of years ago.
- C. Fossil fuels will run out some day.

### 3. Do carbon dioxide emissions cause climate change on Earth?

- A. Yes, they do.
- B. No, they don't.

### 4. How many types of renewable energy sources are there? What are they?

- A. There are five types.
- B. There are seven types.

### C. There are two types.

### 4. What are types of renewable energy sources? They are

- A. solar
- B. geothermal
- C. hydroelectric
- D. biomass
- E. Wind
- E. natural energy

### 5. Are renewable sources bad for the environment?

- A. Yes, they are.
- B. No, they aren't.

### 6. Why is renewable energy called green energy? Because \_\_\_\_\_

- A. It causes pollution.
- B. It's always available.
- C. It does not have to be formed like non-renewable energy.
- D. It's natural energy.