

## Wayground

1. What does the term “renewable energy” mean?

- A. Energy that cannot be replaced
- B. Energy that comes from fossil fuels
- C. Energy that can be naturally replenished
- D. Energy that is very expensive

Answer: C

2. Which of the following is a renewable energy source?

- A. Coal
- B. Natural gas
- C. Oil
- D. Solar power

Answer: D

3. Solar energy is produced from \_\_\_\_\_.

- A. wind
- B. sunlight
- C. water
- D. heat inside the Earth

Answer: B

4. Which energy source uses moving air to generate electricity?

- A. Hydropower
- B. Wind energy
- C. Solar energy
- D. Biomass energy

Answer: B

5. Hydropower mainly depends on \_\_\_\_\_.

- A. sunlight
- B. waves
- C. flowing water
- D. fossil fuels

Answer: C

6. Biomass energy is made from \_\_\_\_\_.

- A. nuclear reactions
- B. plant and animal waste
- C. sunlight only
- D. ocean waves

Answer: B

7. Which renewable energy source is used in geothermal power plants?

- A. Heat from the Earth
- B. Wind
- C. Ocean tides
- D. Sunlight

Answer: A

8. One major advantage of renewable energy is that it \_\_\_\_\_.

- A. causes air pollution
- B. is limited in supply
- C. helps reduce greenhouse gases
- D. is always expensive

Answer: C

9. Which renewable energy source depends on weather conditions the most?

- A. Nuclear energy
- B. Wind energy
- C. Geothermal energy
- D. Biomass energy

Answer: B

10. Solar panels are used to \_\_\_\_\_.

- A. store electricity
- B. create wind
- C. convert sunlight into electricity
- D. heat water only

Answer: C

11. Which of the following is NOT renewable energy?

- A. Wind
- B. Solar
- C. Coal
- D. Hydropower

Answer: C

12. Renewable energy helps protect the environment by \_\_\_\_\_.

- A. increasing waste
- B. reducing pollution
- C. destroying forests
- D. using more fossil fuels

Answer: B

13. Wind turbines are usually built in places where \_\_\_\_\_.

- A. there are many trees
- B. there is little wind
- C. wind is strong and steady
- D. it is very hot

Answer: C

14. Which renewable energy source uses ocean movement?

- A. Tidal energy
- B. Geothermal energy
- C. Biomass energy
- D. Solar energy

Answer: A

15. Renewable energy is important because it is \_\_\_\_\_.

- A. non-sustainable
- B. environmentally friendly
- C. harmful to wildlife
- D. impossible to use

Answer: B

16. What is a common problem of renewable energy?

- A. It produces too much pollution
- B. It will run out quickly
- C. It can be affected by natural conditions
- D. It cannot generate electricity

Answer: C

17. Which device is used to generate electricity from wind?

- A. Solar panel
- B. Wind turbine
- C. Generator
- D. Battery

Answer: B

18. Renewable energy sources are usually \_\_\_\_\_.

- A. unlimited in nature
- B. very dangerous
- C. only used in cities
- D. bad for the environment

Answer: A

19. Which country is well-known for using wind energy?

- A. Denmark
- B. Egypt
- C. Nepal
- D. Brazil

Answer: A

20. Using renewable energy can help slow down \_\_\_\_\_.

- A. global warming
- B. education
- C. transportation
- D. communication

Answer: A