



## Sources of Energy: Renewable and Non- Renewable

### A. Choose the Correct Answer:

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

- a) Coal
- b) Sunlight
- c) Petrol
- d) Natural gas

2. What is the main advantage of renewable energy?

- a) It is unlimited and eco-friendly
- b) It is expensive and hard to find
- c) It can only be used once
- d) It causes pollution

3. Which energy source is non-renewable?

- a) Wind
- b) Water
- c) Oil
- d) Solar

### B. Fill in the Blanks:

1. The Sun is a \_\_\_\_\_ source of energy.
2. \_\_\_\_\_ is a fuel that comes from deep under the ground and is used in cars.
3. \_\_\_\_\_ energy is produced using moving air.

### C. Case Study:

Ravi and his family live in a village. They use firewood for cooking and kerosene lamps for lighting. One day, Ravi's uncle visited from the city and suggested they switch to solar energy. He explained that solar panels could give them electricity without polluting the air. Ravi's family installed solar panels and stopped using kerosene lamps. They now have a clean and steady source of power.

#### Case Study Questions:

1. What type of energy did Ravi's family use before switching to solar energy?
2. Why did Ravi's uncle suggest solar energy?
3. How did switching to solar energy benefit Ravi's family?
4. Why is solar energy considered eco-friendly?

### D. Short Answer Questions:

1. What are two examples of renewable sources of energy?
2. Why is wind energy considered renewable?



3. Name two non-renewable sources of energy.

**E. Long Answer Questions:**

1. Explain the difference between renewable and non-renewable sources of energy with examples.
  2. Why should we use more renewable energy and reduce the use of non-renewable energy?
  3. How can solar energy help reduce pollution and save money in daily life?
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