



Conservation of Energy

A. Choose the Correct Answer:

1. What is energy used for in our daily lives?

- a) To make toys float in the air b) To run machines and do work
- c) To make food tastier d) To stop the wind from blowing

2. Which of the following is an example of saving energy?

- a) Leaving the lights on when not needed
- b) Using a bicycle instead of a car for short distances
- c) Keeping the water tap running while brushing
- d) Watching TV all day

3. Which source of energy does the Sun provide?

- a) Wind energy b) Solar energy
- c) Electrical energy d) Water energy

B. Fill in the Blanks:

1. We need _____ to do work and play.
2. Turning off lights when leaving a room helps to save _____.
3. The Sun gives us _____ energy.

C. Case Study:

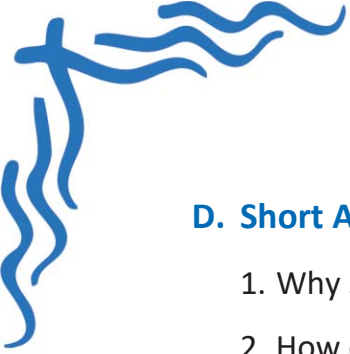
Riya's family decided to reduce their energy usage at home.

- Her father started using LED bulbs instead of regular bulbs.
- Her mother used a solar water heater for hot water.
- Riya turned off fans and lights when leaving the room.
- They also used cloth bags instead of plastic ones to protect the environment.

After one month, their electricity bill was lower, and they felt proud of their efforts.

Case Study Questions:

1. What steps did Riya's family take to save energy?
2. How did using LED bulbs help reduce their electricity bill?
3. Why is using a solar water heater good for the environment?
4. How can turning off unused lights and fans save energy?



D. Short Answer Questions:

1. Why should we save energy?
2. How can using bicycles instead of cars save energy?
3. What are two simple ways to save electricity at home?

E. Long Answer Questions:

1. Explain why conserving energy is important for the environment.
2. Describe different ways you and your family can save energy at home and school.
3. How does using renewable energy sources, like solar and wind power, help conserve non-renewable resources?