

Name: _____ Date: _____

Air Around us

Q1. Why do living things need air to survive?

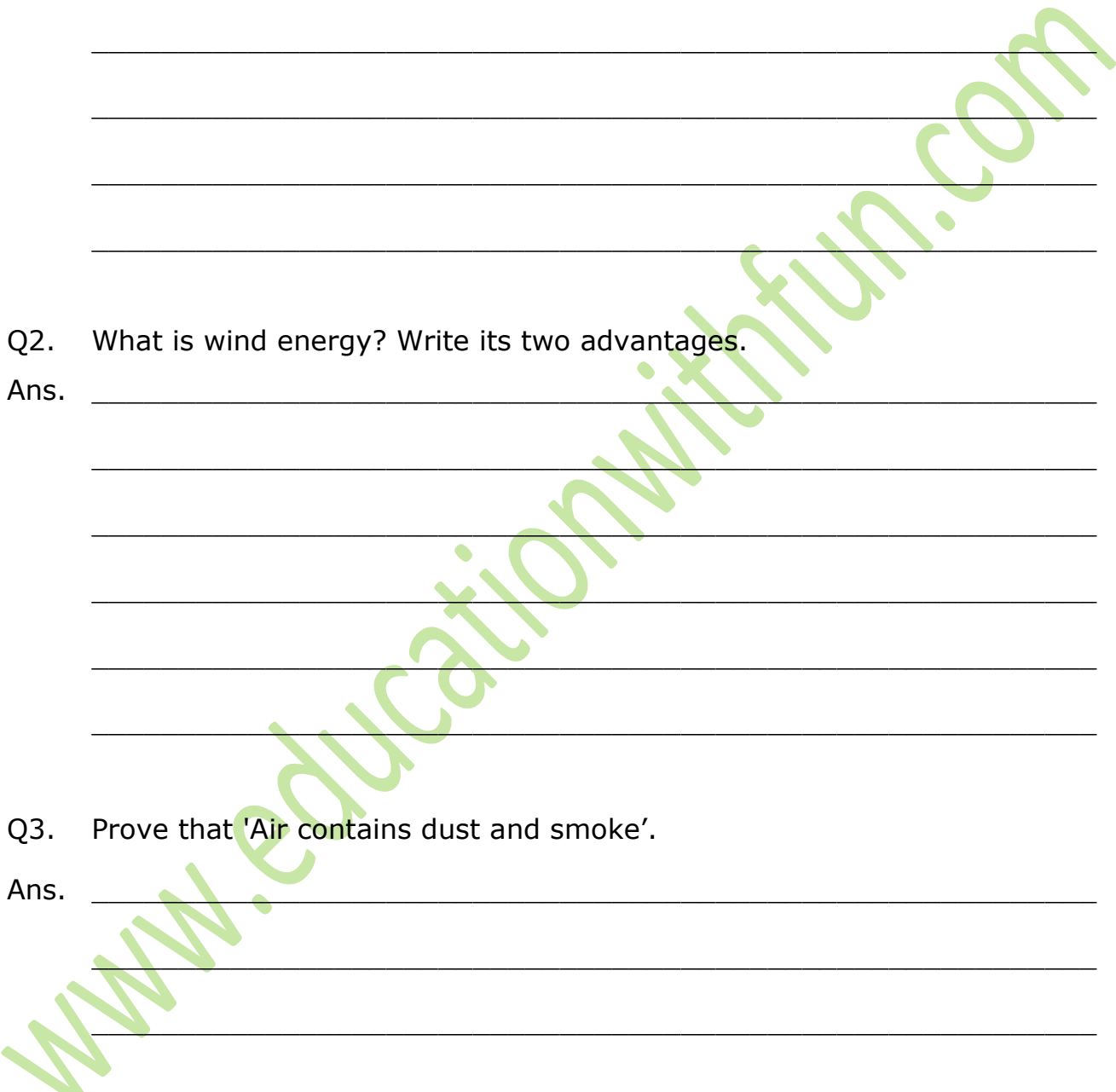
Ans. _____

Q2. What is wind energy? Write its two advantages.

Ans. _____

Q3. Prove that 'Air contains dust and smoke'.

Ans. _____



Air Around us

Q1. Why do living things need air to survive?

Ans. Living things cannot survive without air. We breathe in oxygen and breathe out Carbon Dioxide. Through a process called photosynthesis, plants extract carbon dioxide from the air and use it to produce energy. They release oxygen in the air in this process. Thus air is important for all living things.

Q2. What is wind energy? Write its two advantages.

Ans. Wind energy is a form of renewable energy produced through machines that uses movement of wind as their power source.

Two advantages

- i. Wind is a free and infinite resource.
- ii. Wind is a clean energy source.

Q3. Prove that 'Air contains dust and smoke'.

Ans. Close all the doors and windows with curtains pulled down to make the room dark. Now, open the door or a window facing the sun, just a little, in such a way that it allows sunlight to enter the room only through a slit. We see some tiny shining particles moving in the beam of sunlight. This shows that air also contains dust particles.