

15-07-21
Homework

Q. Give an example to show that matter offers resistance?

A:→ Wood, cloth, paper, ice, steel, water, oil, etc etc
further, that matter offers resistance.

Q. What do you mean by intermolecular force of attraction?

A:→ Particles of matter are held together by a force of attraction that exists between them. This force is known as intermolecular force of attraction.

Exercise - I

Q. Define matter.

A:→ Anything that has mass and occupies space is called matter. for ex: ice, water, water vapour, steel, desk etc.

Q What are the two main types of matter?
two examples for each type.

A: The two main types of matter are:

* **Living Matter** :→ Earth is home to all kinds of plants and animals. They can grow, move and reproduce on their own. For ex :→ plant, humans, animals e.t.c

* **Non-living Matter** :→ Most of the matter in the universe is non living. It means that it does not grow, move or reproduce on its own. It can be natural or man-made. For ex :→ desk, chair, bag, house e.t.c.

Q Differentiate between living and non-living matter.
A: Different between living and non-living matter are

Living Things

Non-living thing

Things that have life are called living things.

Things that don't have life are called non-living things.

For ex: → Animals, plants, Humans. etc.

For ex: → Jar, Basket, Bus, desk etc.

Living things are obtained from nature.

Non-living things are man-made things.

Living things can move.

Non-living things can't move.

Select natural and man-made matter from the following list:

Wood, plastic, silk, medicines, detergents, coal, water, ceramic, cotton, glass, nylon, fruits.

Natural matter: wood, silk, coal, water, cotton, fruits.

Man-made matter: plastic, medicines, detergents, ceramic, glass, nylon.