

Sub: SCIENCE Assignment-1

Chapter 1 Living and Non – Living Things

Living Things - Things which can grow, move, breathe and reproduce are called living things. Examples of living things are human beings, animals and plants.

Non-Living Things – Things which cannot grow, move, breathe and reproduce are called non-living things. They do not have any kind of life in them. Examples of non-living things are book, table, and chair.

Characteristics of Living things -

1. Living things move – Living things generally move from one place to another in search of food and shelter or to protect themselves from enemies.
2. Living things feel changes around them - Our sense organs enable us to feel the changes around us. Plants lack sense organs but they can easily feel the changes.
3. Living things breathe - All living things need air to breathe. Human beings and most animals breathe through their nose. Plants use tiny pores in their leaves called stomata for breathing. Frog breathes through skin under water. Insects such as cockroaches breathe through numerous air holes which are found along the sides of the body.
4. Living things reproduce. - Living things are capable of producing babies of their own kind by a process called reproduction.
5. Living things grow - They exhibit growth and as they grow, the shape and size of their body also changes. For example, human baby grows into an adult. A baby plant grows into a tree, a chick grows into a hen.

Characteristics of Non-Living Things –

1. They do not need air, food and water to survive.
2. They do not grow.
3. They do not respond to any changes.
4. They do not reproduce.
5. They cannot move by themselves.

Instruction: Answer the following questions

I. Fill in the blanks:

1. Plants breathe through _____.
2. We need _____ to breathe.
3. Computers and dolls are examples of _____.
4. A baby plant grows into a _____.
5. A frog breathes through _____ under water.
6. Cockroaches breathe through _____

II. Match the following:

- | | |
|-------------------------|----------------------|
| 1. Plants have | a) sense organs |
| 2. Reproduction | b) non-living things |
| 3. Birds and fishes are | c) produces babies |
| 4. Eyes and nose are | d) living things |
| 5. Buildings are | e) stomata |

III. Answer the following questions:

1. Write three differences between Living and Non-living things.
2. Draw a neat labelled diagram of stomata.

