

HOMEWORK

Q1

Ans: The Shoot part of the plant shows negative geotropism by growing in the opposite direction of the gravity.

The root part of the plant shows positive geotropism by growing in the same direction of the gravity.

In this way the Shoot and root of a plant respond to the pull of Earth's gravity.

Q2

Ans: Growth Movement of the shoot in plant in response to a light stimulus is called phototropism. This movement is caused due to more growth of cell towards the shaded side of the shoot as compared to the side of shoot towards the light.

Aim of The Activity

To show the phenomenon of photosynthesis

Materials Required

A potted plant.

Procedure

A plant was taken and kept in a dark room near a window for few days.

Observation

We observe that the plant tip is towards the window and the plant is growing by bending itself towards the light coming from window.