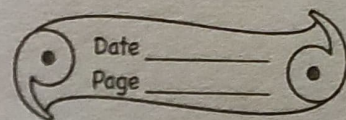


H.W.
11-7-21



Q1. Ans- Plants' growth response to gravity is known as gravitropism.

The stem (shoot) grows upwards against the force of gravity showing negative gravitropism.

The root grows downwards toward the force of gravity showing positive gravitropism.

Q2. Ans- Aim of the Activity : To illustrate the phenomenon of phototropism.

Materials Required:

Conical flask

Wire mesh

Beam seeds

Cardboard box (open from one side)

Procedure :

Fit the conical flask was filled with water and its neck was covered with a wire mesh.

Two - three freshly germinated bean seeds on the wire mesh.

Then the cardboard box which was open from one side was taken, and kept near a window in such a way that the open side faces the window.

The conical flask was kept inside the cardboard box.

~~After two three days we can notice that the stem (shoot) has bent towards it.~~

Observation:

After two three days we noticed that the stem has bent towards the window where the light is coming from.

Conclusion:

The bending of the stem shows the phenomenon of phototropism.

