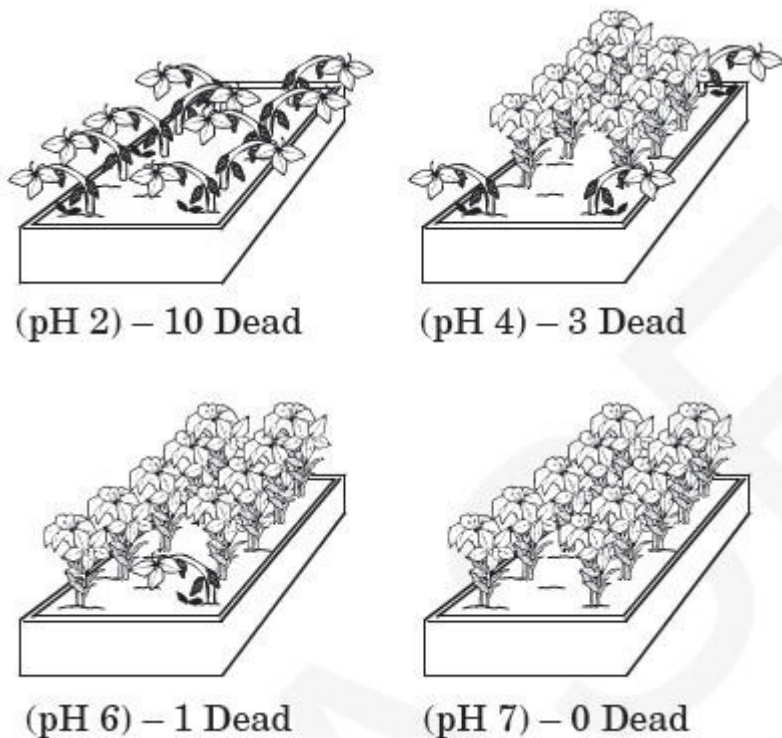


SC.912.N.1.1 – Nature of Science – Example 4 Answer

A scientist performs an experiment to see if acids have an effect on the health of a particular type of plant. Three sets of plants were treated with acidic solutions of known pH while the control set was treated with a solution of neutral pH 7.



Which is the best conclusion for this experiment?

- A. Acid has no effect on the health of this type of plant.**
- B. High acidity is helpful to this type of plant.**
- C. Low acidity is harmful to this type of plant.**
- D. High acidity is harmful to this type of plant.**

Answer

D. High acidity is harmful to this type of plant.

Plants in the lowest acidity group were adversely affected the most.