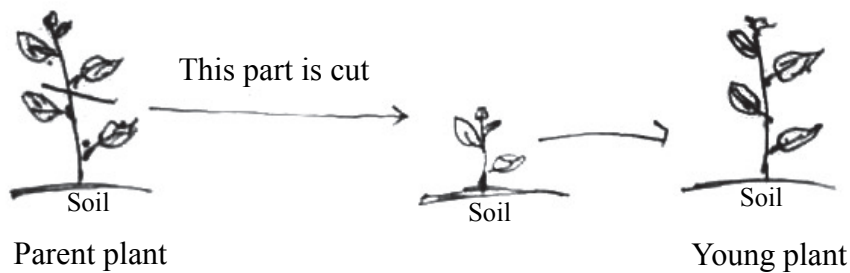


LIFE SCIENCE
CLASS - X

Theme: Continuity of Life Sub-theme: Reproduction
Topic : Vegetative propagation

1. **What is meant by cutting in vegetative propagation of plants?**

Ans. The process of artificial vegetative propagation in plants where any branch of a mother plant containing terminal bud is cut from the mother plant and that part is replanted from which a new young plant is developed. Example: China rose, Grape.



Cutting

2. **Explain the process of micropropagation with the help of a flow chart.**

Ans. The process of artificial vegetative propagation in which any selected plant part (stem/root) or explant is kept in nutritive medium for the production of huge number of offspring within a very short period of time is known as micropropagation.

