

1. The natural vegetative propagation ~~occurs~~ occurs through roots, bulbs, corms, tubers, suckers, rhizomes, runners, plantlets, etc. The artificial vegetative propagation occurs through budding, grafting, layering, cutting, tissue culture etc.

2. What is tissue culture? How is it beneficial for gardeners?

Sol: Tissue culture involves the use of small pieces of plant tissue (explants) which are cultured in a ~~nutrient~~ nutrient medium under sterile conditions. Using the appropriate growing conditions for each explant type, plants can be induced to rapidly produce new shoots, and, with the addition of suitable hormones new roots.

3. Draw the diagram of a flower and label all the parts.

Sol:

