

PBO-504 PRACTICAL BASED ON TOPIC COVERED IN CBO-504

Plant Breeding - Practicals

1. Plant breeding – Methods of Plant Breeding in Self pollinated crops and Cross pollinated crops
2. An account of Clonal crops
3. Some examples of genetically modified plant crop species (locally available crops).

Horticulture - Practicals

1. To detect the Seed viability.
2. Plant Propagation by seeds and vegetative structures (tuber, rhizome, bulb, corm)
3. To study the Seed Germination in some selected plant species (Dicot & Monocot).
4. Perform the Horticultural techniques: Stem cutting, Grafting, Budding, Layering, Potting & Repotting.
5. Landscaping - principles, types and planning.
6. Greenhouse - construction and maintenance techniques.
7. To prepare - Organic farming, mulching and composting.
8. Indoor gardening - techniques and practices.