



THE AMERICAN COLLEGE, MADURAI

(An Autonomous Institution Affiliated to Madurai Kamaraj University)

Re-accredited (2nd Cycle) by NAAC with Grade "A", CGPA – 3.46 on a 4-point scale

Backlog Arrear Examination, March 2021

BOT 1434/2234/344

**HORTICULTURE PRACTICES &
POST-HARVEST TECHNOLOGY**

Marks: 75

I. Answer any FIVE of the following questions each not exceeding 4 pages. (5X15=75)

1. Present soil profile and composition of good garden soil.
2. Discuss the significance of NPK in plants & suggest manures and fertilizers to enrich agriculture lands.
3. Discuss the methods of irrigation with strategy for water conservation.
4. How are plants protected from insects, pests and diseases?
5. Present a scheme for integrated pest management (IPM).
6. How do you store plant produce flowers & fresh fruits for trade and export?
7. Find a role of PGRs in rooting , fruit ripening, grafting and parthenocarpy.