



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 1422/1423

Introductory Botany

Marks: 75

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

1. Present five kingdom of classification and 3 domain classification & position the different life forms.
2. Characterize virus and compare it with that of bacteria and fungi.
3. Present the life cycle patterns in algae.
4. Compare the stele of Pteridophyte with Gymnosperm wood.
5. Compare the thallus structure of Bryophyte with Pteridophyte.
6. Trace stellar evolution with suitable diagram.
7. Enumerate the major biomes & forest types in India.