



# THE AMERICAN COLLEGE, MADURAI

(An Autonomous Institution Affiliated to Madurai Kamaraj University)

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

## Backlog Arrear Examination, March 2021

**BOT 3200/1400/1200/343**

**Max Marks: 75**

**Environmental Studies**

**Time: 3 Hrs**

**I. Answer any FIVE of the following questions, each not exceeding four pages:- (5x15=75)**

1. Write an essay on any three types of renewable energy resources with suitable examples.
2. Elaborate on the various components of the atmosphere with neat sketch.
3. Explain the structure, components, function, food chain of a pond ecosystem with illustration.
4. Explicit the sources, effect and control measures for air pollution with examples.
5. Discuss in detail the various factors affecting global climate changes.
6. Explore the occurrence, reasons, measurement and management strategy of any one of the natural disaster that you came across in your life.
7. Explain the significant role of "CHIPKO movement" in conservation of biodiversity.