



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

PGB 4420
3hrs

Environmental Biology

Time:

Marks: 75

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

1. Enumerate the biotic and abiotic factors of environment and show how they would influence life.
2. List the biomes and biographical zones found in India.
3. Assess the water, mineral and land resources and study threats imposed on them due to biotic interferences.
4. Enumerate the causes and consequences of air and water pollution and suggest a protocol for Environment Impact Assessment.
5. Present the strategy for the protection and conservation of forest wildlife.
6. Review the themes, focus and outcome of international summits organized to protect environment.
7. How urbanization, industrialization and extensive land use has tilted the ecological balance with negative consequences. Suggest ideas for sustainable development.