



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

ZOO 3444

ENVIRONMENTAL BIOTECHNOLOGY

Marks:75

Time: 3 Hrs

Answer any FIVE questions

5x15=75

1. Describe the process involved in bioconversion of sugar to ethanol.
2. Give an account on biomarkers and bioindicators.
3. Explain the methods involved in drinking water purification.
4. Discuss about genetically modified organisms.
5. ‘Molecular techniques are used in conservation of biodiversity’ – Justify.
6. Explain the role of microorganisms in oil recovery.
7. What are xenobiotics? Explain role of microbes in degradation of xenobiotics.