



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 3838

BIOTECHNOLOGY

MAX. :75 MARKS

Answer any **FIVE** questions

5x15=75 Marks

1. Enumerate the applications of animal cell and tissue culture.
2. Give an account on Hybridoma technology.
3. Describe the process involved in biogas production from animal waste.
4. What is meant by patenting? Explain the significance of patent laws and patent rights.
5. Elucidate the merits and demerits of genetically modified crops.
6. Discuss the history and scope of microbial technology.
7. Biological control is a potential alternative to chemical pesticides –substantiate
