



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 3546

ANIMAL BIOTECHNOLOGY

TIME: 3hrs
Marks: 75

Answer any Five Questions

(5x15 = 75)

1. Explain the in vitro culture Practices for animal Cell growth.
2. What is duck embryo rescue technique? Elucidate the tissue disintegration for individualize the cells.
3. List out any three instruments used for animal cell culturing.
4. Discuss the use of recombinant animal viral vectors for gene transfer.
5. Give any five transgenic animals and their applications
6. Write an essay on in vitro fertilization and their future in connection with Test Tube babies.
7. Describe the methods of cloning add note on therapeutic cloning and human cloning with problems.