



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 3547 / 3637

IMMUNOLOGY

Time: 2 hrs

Max: 75 marks

Answer any Five questions

(5X15=75)

1. Elaborately discuss about the primary and secondary lymphoid organs.
2. Describe the structure and biological properties of Immunoglobulin Isotypes.
3. Explain about antigen-antibody interactions using precipitation reactions.
4. Explore the multigene organization and rearrangements of immunoglobulin genes.
5. Elucidate the structure and function of Class I and II MHC molecules.
6. What are complement components? Explain the classical complement pathway.
7. Discuss in detail about any two autoimmune disease.