



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

Course Code: MIC 2532

Max Marks: 75

Course Title: IMMUNOLOGY

Section A

Answer any FIVE questions

(5×15=75)

1. Discuss the overview of immunological response against infections.
2. Explain the structure and biological properties of immunoglobulin isotypes with illustration.
3. Discuss in detail about the maturation and activation of B cell with neat diagram
4. Describe the structure and functions of class I and class II MHC molecules with neat illustration.
5. Define complement. Explain about the different types of complement pathways.
6. Explain the immune mechanism of Delayed Type Hypersensitivity reaction.
7. Describe the immunological importance of primary and secondary lymphoid organs with suitable illustrations.