



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

MIM 4411/411

Immunology

TIME:3Hrs

Max: 75 marks

ANSWER ANY FIVE QUESTIONS

(5x15= 75 marks)

- 1 . Describe the structure and Functions of the Lymphoid organs with illustration.
2. Enumerate the biological properties of Immunoglobulin isotypes.
3. Discuss in detail the Immune effector mechanism of allograft rejection.
4. Write an essay on the tumor evasion mechanism .
5. Define Hypersensitivity reaction. Explain the clinical aspects of Type –I Hypersensitivity with illustration.
6. Discuss in detail about the etiology of autoimmune diseases.
7. Explain the general properties and types of cytokine. Elucidate the cytokine mediated signal transduction.