



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

MIC 2538

Clinical Virology and Parasitology

Duration: 3 Hrs

Marks: 75

Answer any five out of the following

5 x 15 = 75 marks

1. Write briefly about the history of virology and the role of the scientist who contributed for it.
2. Enlist the features that can be used for classifying the viruses and elaborate on each of them
3. Explain with diagrams and flowcharts the biology of Human Immunodeficiency virus which causes AIDS.
4. Classify and explain the life cycle of anyone medically important protozoan parasite.
5. Represent the life cycle of *Taenia solium* with properly label diagrams to explain it.
6. What are the methods of diagnosis that can be adopted for identifying viral and parasitic infections?
7. Describe the role of vaccines in disease prevention with a note on the first vaccine.
