



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 2422

Medical Microbiology And Virology

Time: 3 Hrs

Marks: 75

Answer any Five out of the following

5 x 15 = 75

1. Explain the stages of bacterial pathogenesis with appropriate diagrams
2. Write about the epidemiology, pathogenicity and clinical manifestation of Mycobacterium and the ways of diagnosing it in order to give treatment
3. How will you correlate the clinical manifestations with pathology and laboratory diagnosis for the management of Salmonella infection?
4. If you have diagnosed fungal infection how would you present a detailed overview of that for a clinician to understand and give treatment?
5. Represent schematically and write in detail about the classification of viruses
6. What is the burden on the field of medicine due to the malarial parasite? What are your suggestions for the diagnosis and management of it?
7. Explain the advantages that the antimicrobials have added to strength of Medical Sciences.