



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

PGZ 4527

MICROBIOLOGY

TIME: 3hrs

Marks: 75

Answer any Five Questions

(5x15 = 75)

1. Write any three eminent scientists and their remarkable contributions to the field of Microbiology.
2. Explain the physical and chemical methods of Sterilization employed in the labs and industries.
3. Draw a neat Sketch of bacterial cell and Add note on bacterial growth curve.
4. Discuss the importance of bacterial and mycorrhizae.
5. Describe the contamination, preservation and spoilage of fish and poultry products.
6. Elucidate the normal human microbial flora. Add note on its uses and demerits of their association.
7. Write an essay on the life cycle of Plasmodium.