



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

ZOO 3255/3415

MEDICAL LABORATORY TECHNOLOGY

Time: 2 hrs

Max: 60 marks

Answer any **FOUR** questions

(4 x 15 = 60)

1. Discuss the physical and chemical methods of sterilization.
2. Write the methods of collection, composition and preservation of urine samples.
3. Enlist the rules and regulations to be followed in a medical lab.
4. Describe the procedure for standard glucose tolerance tests and its interpretations.
5. Discuss the methods involved in the processing of tissues for tumors.
6. With reference to semen analysis, assess and interpret the following:
 - a) Microscopic examination of sperm morphology and sperm count.
 - b) Examination of physical characteristics of semen.
 - c) Chemical examination of semen.
