



# THE AMERICAN COLLEGE, MADURAI

(An Autonomous Institution Affiliated to Madurai Kamaraj University)

Re-accredited (2<sup>nd</sup> Cycle) by NAAC with Grade "A", CGPA – 3.46 on a 4-point scale

## Backlog Arrear Examination, March 2021

**Course Code: MIC 3527**

**Max Marks: 75**

**Course Title: MEDICAL LAB TECHNOLOGY**

**Time: 3 Hrs**

**ANSWER ANY FIVE QUESTIONS**

**5 X 15 = 75**

1. Define sterilization. Describe the various methods of sterilization used in medical labs.
2. Elaborate the principle, types and collection procedure for biological specimen.
3. Discuss the physical, chemical, microscopical and microbiological examination of urine.
4. Describe the different methods of blood collection procedures with diagram.
5. Explain the preparation, embedding and fixation of tissues in detail.
6. Discuss the principle and applications of any three equipments / instruments used in medical labs.
7. Describe the physical, chemical, microscopical and microbiological examination of stool.