



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

Course Code: MIC 2536

Course Title: Industrial Microbiology

Max Marks: 75

Time: 3 Hrs

ANSWER ANY FIVE QUESTIONS

05 X 15 = 75

1. Elaborate the role of microbiologist in industries.
2. Discuss the various methods of primary screening involved in the identification of industrially important microbes.
3. Describe the formulation of media for fermentation with example.
4. Illustrate the parts and functions of a typical fermentor.
5. Explain the industrial production of wine with flowchart.
6. Highlight the importance of strain improvement / development for industries.
7. Describe how lactic acids are produced by fermentation. Add note on its types and uses.