



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: MIM 5631

Max Marks: 75

Course Title: Environment and Agricultural Microbiology

Time: 3 Hrs

SECTION - A

ANSWER ANY FIVE QUESTIONS

05 X 15 = 75

1. Discuss the role of phosphorous cycle in maintaining the ecosystem.
2. Enlist and explain the production and importance of Biofertilizers.
3. Explain any three bacterial diseases on economically important crops.
4. Explore role of microbes in maintaining the soil fertility.
5. Illustrate the molecular mechanism of biological nitrogen fixation.
6. Discuss the types of biological effluent treatment with diagram.
7. Discuss the various interactions between plants and microbes.