



# 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

**BOT 2414**

**Agricultural Microbiology**

**Time: 3hrs**

**Marks: 75**

**I. Answer any FIVE of the following each not exceeding four pages: (5x15=75)**

1. Discuss the importance of microbes in soil health management
2. Give a detailed account on symptoms and management of viral diseases of plants
3. Describe the causal organism, symptoms and management of late blight of potato
4. Write a detailed account on biofertilizers, their production and applications in agriculture
5. Define biodegradation and explain the mechanisms with suitable examples
6. Explain biological control methods in plant disease and their benefits
7. Analyze any five diseases of farm animals and their control methods

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