



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

BOT 2552

Mycology and Pathology

Time: 3hrs

Marks: 75

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

1. Give a detailed account on types of reproduction in fungi with illustrations
2. Write an essay on classification of fungi by Alexopoulos and Mims
3. Give a details account on fungal associations with examples
4. Explain the structural and chemical defense mechanisms in plants
5. Give an account on symptoms, pathogen and disease cycle of rice blast
6. Explain different methods of plant disease forecasting with examples
7. Write an essay on biological control methods and their benefits