



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 1532

Max: 75 Marks

Course Title: Food & Dairy Microbiology

Time: 3 Hours

Answer any FIVE

(5*15=75)

1. Define Balanced diet. Elaborate on the composition of various types of food and food groups, with appropriate examples
2. Give an account on the factors affecting microbial growth in different food groups
3. Write briefly on the sources and types of food spoilage observed and meat and poultry
4. Establish the role of the microorganisms in milk preservation and spoilage
5. Review the steps involved in the process of fermentation of any two types of food products
6. Explain the methods of microbial analysis of milk and milk products
7. Write a short note on the international and national state agencies in food quality assurance