



# 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

**BCH 1227**

**Nutritional Biochemistry**

**Max Marks: 60**

**Time: 2 Hrs.**

### **PART A**

**I. Answer any Four questions each not exceeding 4 pages:**

**(4 x 15 = 60)**

1. Explain the classification and functions of vitamins.
2. Define BMR. Describe the factors affecting BMR.
3. Explain the clinical presentation, treatment, prevention and dietary management of atherosclerosis.
4. Write detailed account on food allergy and night eating syndrome.
5. Define Probiotics. Explain the past, present and future functional foods.
6. Discuss the principles and clinical guidelines in ethical care.