



# 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 3240**

**Clinical Diagnostics**

**Max Marks: 75**

**Time: 3 Hrs.**

**Answer any FIVE questions each not exceeding 4 pages:**

**(5 x 15 = 75)**

1. Define Serum. Write the procedure involved in the collection of blood. Add a note on anticoagulants.
2. What is extracellular fluid? Explain the collection, preservation and storage of Amniotic fluid and Saliva.
3. Define Urine. List out any 6 abnormal constituents of urine.
4. What is lipid profile? Give an account on the lipid profile and its importance.
5. Describe any 3 tests for antimicrobial study.
6. What is Blood? Write on any 6 features of blood banking.
7. Define Culture media. Write on any 3 staining techniques.