



# 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

**Course Code: MIC 2531**

**Max: 75 Marks**

**Course Title: Clinical Bacteriology and Mycology**

**Time: 3 Hours**

**Answer any FIVE**

**(5\*15=75)**

1. Define nosocomial infection. Elaborate on the prevalence, causes and transmission of HAI
2. Give an account on the normal microbial flora of human body, and describe its characteristic features
3. Write briefly on pathogenesis and clinical features of *Staphylococcus aureus*.
4. Define the characteristics and clinical syndromes caused by *Streptococcus pyogenes*.
5. Review the pathogenesis and laboratory diagnosis of *Treponema pallidum*.
6. Explain the methods of laboratory diagnosis of fungal diseases.
7. Write a short note on the following:
  - a) Mycetoma
  - b) Sporotrichosis
8. Give an account on candidiasis and aspergillosis.
9. Classify and explain the families of antifungal drugs.
10. Write an essay on superficial mycoses.