



# 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: MIM 406/4406/4622**

**Course Title: Medical Microbiology and Virology**

**Marks: 75**

**Time: 3 Hrs**

### **Section A**

**Answer any FIVE questions**

**(5×15=75)**

1. Define nosocomial infections. Discuss the source, mode of transmission, types and preventive measures of nosocomial infection.
2. Discuss in detail about the general characters, antigenicity, pathogenicity, symptoms, treatment and prevention of *Clostridium perfringens*.
3. Describe the clinical significance, pathogenesis, laboratory diagnosis and treatment of Candidiasis.
4. Give an account on the structure HIV and its clinical association with AIDS
5. Explain the life cycle, clinical manifestations, diagnosis and treatment of *Plasmodium* sp.
6. Describe in detail about the pathogenesis, clinical symptoms, diagnosis and treatment of *Mycobacterium tuberculosis*
7. Explain in detail about generate characteristics of Amoebiasis. Add a note on the life cycle, mode of infection and prevention of *Entamoeba histolytica*