

Master Copy
[Signature]

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICAL MICROBIOLOGY) EXAMINATION – JANUARY 2021
(RESCHEDULED)

PAPER I

Date:- 12th January 2021

Time:- 9.00 a.m. – 12.00 noon

Answer all **five (05)** questions.

Answer each question in a separate book.

1. Antibiotic resistance (AR) is an emerging threat to global health. Antibiotic use promotes development of AR.
Discuss the role of non-antibiotic approaches in the management and prevention of infections. (100 marks)
2. Describe the predisposing factors, mechanisms of causation and their influence on likely pathogens and aetiological diagnosis of osteomyelitis. (100 marks)
3. Surveillance of infectious diseases is an important component of the health system of a country.
Describe the viral disease surveillance programmes in Sri Lanka. (100 marks)
4. Describe the clinical manifestations, pathogenesis, essential laboratory investigations with expected results and anti-fungal treatment of infections caused by dermatophytes in humans. (100 marks)
5. Discuss the use of antibody testing in patients, for the diagnosis of diseases. (100 marks)