

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICAL VIROLOGY) EXAMINATION
JANUARY 2013

Date: 21st January 2013

Time : 1.00 p.m.- 4.00 p.m.

PAPER I

Answer all five (05) questions.

Answer each question in a separate book.

1. Discuss the current strategies of developing antiviral compounds (excluding vaccines) with emphasis on challenges faced and novel approaches for the future. (100 marks)

2. Is global measles eradication feasible ? Discuss. (100 marks)

3. You are a consultant virologist in a research institute with all the laboratory facilities. There is an epidemic of respiratory infection which is highly lethal and presumably caused by a new viral infectious agent. Routine tests have excluded a bacterial / fungal aetiology. How would you set about identifying and characterizing this agent ? (100 marks)

4. You have the consultant virologist of a Teaching Hospital in Sri Lanka. The hospital authority wants you to upgrade the laboratory to achieve national accreditation. Describe briefly how you would set about achieving this target. (100 marks)

5. Discuss immunization strategies in immuno-compromised patients (excluding HIV/AIDS). (100 marks)