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M/11/2018

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (MEDICAL VIROLOGY) EXAMINATION – NOVEMBER 2018

Date:- 2nd November 2018

Time:- 9.00 a.m. – 12.00 noon

PAPER I

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

Answer each question in a separate book.

1. The World Health Organization (WHO) has targeted the elimination of measles by 2020 in five WHO regions including the South East Asian Region (SEAR). Discuss the strategies adopted and the challenges Sri Lanka is facing to meet this target. (100 marks)
2. Describe the clinical features and consequences of multi-system disease due to Epstein-Barr virus infection. Discuss the role of the virus laboratory in the diagnosis of the above infections and monitoring the effectiveness of treatment strategies. (100 marks)
3. “Recent advances in rapid diagnostic methods in virology have resulted in rapid response in the management of critically ill patients and in public health interventions”.
Discuss the above statement. Illustrate your answer with examples. (100 marks)
4. You have been appointed as a member of the committee set up to establish a haematopoietic stem cell transplant unit in a Provincial General Hospital. Discuss the aspects you would focus on regarding setting up of facilities for the diagnosis, treatment, prevention and control of infections in this unit. (100 marks)
5. Describe how infections result in hypersensitivity. (100 marks)