

**POSTGRADUATE INSTITUTE OF MEDICINE**  
**UNIVERSITY OF COLOMBO**

**SELECTION EXAMINATION FOR POSTGRADUATE DIPLOMA IN**  
**HEALTH SECTOR DISASTER MANAGEMENT**  
**DECEMBER 2014**

**Date :-** 5<sup>th</sup> December 2014

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

**STRUCTURED ESSAY QUESTION PAPER**

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

**Answer each question in a separate book.**

1. Outbreaks of communicable diseases such as Avian Influenza are being reported from different parts of the world. Risk of such diseases spreading to other parts of the world is ever increasing.
  - 1.1. List five (05) factors that contribute to this increased risk (20 marks)
  - 1.2. List five (05) international organizations involved in containing the transnational spread of communicable diseases. (20 marks)
  - 1.3. Describe briefly the factors that make the control of transnational spread of diseases difficult under the current global social, political and economic context. (60 marks)
  
2.
  - 2.1. List four (04) countries affected by the recent outbreak of disease due to Ebola virus. (10 marks)
  - 2.2. List the known modes of transmission of this disease. (30 marks)
  - 2.3. Describe five (05) measures taken by the countries not affected by the disease to prevent the entry of the disease to their countries. (60 marks)

- You are the Medical Officer-Planning in a district general hospital. You are instructed to assess the capacity of the hospital to handle disasters.
  - 3.1. List the aspects you would like to improve to increase the ability of the hospital to handle disasters. (30 marks)
  - 3.2. Briefly describe the activities you would undertake to make the hospital safe in the event of a disaster within the hospital. (70 marks)
  
- A demonstration by university students ends in violence. If you are the MO in charge of the Accident Service of the district general hospital closest to the demonstration,
  - 4.1. How would you prioritize the selection of patients for treatment if a large number of casualties are brought to the hospital (20 marks)
    - Outline how you would initially manage a patient brought to the hospital with a sword cut to the head (40 marks)
    - How would you prepare for the transport of the above patient to the neurosurgical unit at the National Hospital (40 marks)
  
- 5. Landslide reported in Haldummulla division in Badulla district was a major disaster which happened in Sri Lanka.
  1. List five (05) persons (government officials and others) who lead the relief operations in the first 10 days after the event. (10 marks)
  2. List five (05) issues that need to be attended within the first 48 hours after

the event, to prevent the emergence of diseases and other health related issues among the affected people. (40 marks)

5.3. Describe the role of the divisional hospital closest to the location of the incident in the support of relief activities. (50 marks)