

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

SELECTION EXAMINATION FOR POSTGRADUATE DIPLOMA IN
HEALTH SECTOR DISASTER MANAGEMENT – DECEMBER 2016

Date :- 5th November 2016

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. It is expected that over 50 people with cut injuries, burns and other types of injuries will be brought to the District General Hospital after a clash between two groups of people.
 - 1.1. As the Director of the hospital, what measures would you take in mobilizing the staff to accept casualties? (30 marks)
 - 1.2. As the medical officer in charge of the hospital emergency room, outline the initial steps of assessment of a patient with multiple injuries. (30 marks)
 - 1.3. List five (05) medico-legal issues that will arise in this situation. (10 marks)
 - 1.4. Outline how you would handle three (03) of the above mentioned medico-legal issues. (30 marks)
2. Over 300 villagers are displaced after a landslide and housed in a public place. As the Medical Officer of Health of the area, you are instructed by the Regional Director of Health Services to visit the place one-week after the landslide.
 - 2.1. List ten (10) priority health and social issues you would expect at the time of your visit. (20 marks)
 - 2.2. Describe briefly how you would manage three (03) of the above issues. (30 marks)
 - 2.3. List five (05) non-health organizations that can be involved in managing the issues mentioned in 2.1 above. (20 marks)
 - 2.4. Describe the steps you would take to ensure psychosocial wellbeing of the population. (30 marks)

3. Hospitals can get damaged during natural disasters like Tsunami, landslides and floods.
 - 3.1. Describe the aspects that should be given consideration when planning a new hospital building to make it disaster resilient. (40 marks)
 - 3.2. List five (05) categories of professionals who could be involved in the above planning. (15 marks)
 - 3.3. Describe the damages and problems that can occur within a hospital during above mentioned natural disasters. (45 marks)

4. In spite of demographic transition, Sri Lanka still faces epidemics of communicable diseases.
 - 4.1. List five (05) possible communicable diseases that can lead to epidemics. (10 marks)
 - 4.2. Describe the activities you would take as the Medical Officer of Health in controlling an epidemic of dysentery in your area. (50 marks)
 - 4.3. Describe the long-term measures you would take as the Medical Officer of Health to prevent recurrence of epidemics in your area. (40 marks)

5.
 - 5.1. Describe the activities of the Disaster Management Centre in managing disasters in Sri Lanka. (40 marks)
 - 5.2. List five (05) organizations outside the health sector, involved in disaster management in Sri Lanka other than the Disaster Management Centre. (20 marks)
 - 5.3. Describe the role of the Disaster Preparedness and Response Division of the Ministry of Health. (40 marks)