

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

POSTGRADUATE DIPLOMA IN HEALTH SECTOR DISASTER
MANAGEMENT EXAMINATOIN – MARCH 2021

Date:- 8th March 2021

Time:- 1.00 p.m. – 4.00 p.m.

STRUCTURED ESSAY QUESTION PAPER (SEQ)

Answer all five (05) questions.

Each question to be answered in a separate book.

1. An explosion has been reported in a chemical factory 10 minutes ago. Initial reporting reveals that there are a few unconscious persons.
 - 1.1. Name the type of personal protective equipment (PPE) you would use for the first responders in the hot zone in this incident. (10 marks)
 - 1.2. List the components of the PPE used by the first responders in the hot zone in this incident. (40 marks)
 - 1.3. Describe the steps in evacuation of the affected persons from the site. (50 marks)
2.
 - 2.1. Write short notes on challenges faced by the health system in managing the following aspects of the COVID-19 response in Sri Lanka.
 - 2.1.1. Mobilizing human resources for COVID-19 response. (20 marks)
 - 2.1.2. Risk communication. (20 marks)
 - 2.1.3. Managing populations displaced by natural disasters in the light of the COVID-19 Pandemic. (20 marks)
 - 2.2. Describe briefly about the practice of COVID-19 confirmed dead body management at present in Sri Lanka. (40 marks)

Contd..../2-

3. COVID-19 has affected many people in a village in Kalutara District with a population of approximately 112,000 persons. Due to the large number of cases reported and poor housing conditions, a lockdown has been imposed in the area with immediate effect. There is a shortage of basic needs while most families are from a low socio-economic background. You have been requested by the Family Health Bureau to coordinate the Sexual and Reproductive Health (SRH) activities in the area.
 - 3.1. List the assessments that need to be done initially giving reasons. (20 marks)
 - 3.2. Outline the priority SRH interventions you will put in place immediately. (30 marks)
 - 3.3. Give the rationale for the interventions identified in 3.2. (40 marks)
 - 3.4. List five (05) agencies which can support you in providing SRH activities to the people in this village. (10 marks)

4. It is 7.00 a.m. on a Monday morning. A military bus carrying 40 COVID-19 positive patients to Kamburugamuwa treatment centre, Matara, has met with an accident soon after taking the Godagama exit to Matara. Most of the passengers are injured with some having critical injuries. District General Hospital (DGH), Matara has been informed about the incident.
 - 4.1. Name five (05) persons you will immediately inform and take advice from, if you were the disaster management focal point, DGH, Matara. (25 marks)
 - 4.2. Describe the special arrangements you will make at DGH, Matara as the disaster management focal point, to handle this disaster. (35 marks)
 - 4.3. Describe briefly, how you will handle the prehospital response, if you were the medical officer in charge of the rescue team sent to the location of the incident. (40 marks)

5. Write short notes on the following-
 - 5.1. Disaster resilient healthcare institutions (25 marks)
 - 5.2. Activities of the Disaster Management Centre (25 marks)
 - 5.3. The process of conducting a disaster drill (25 marks)
 - 5.4. Economic aspects related to disasters (25 marks)