

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

SELECTION EXAMINATION FOR POSTGRADUATE DIPLOMA IN
HEALTH SECTOR DISASTER MANAGEMENT – DECEMBER 2022

Date:- 5th December 2022

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. A sudden fire broke out in an international conference in BMICH, Sri Lanka. About 600 international delegates have been trapped inside the main conference hall where the fire has occurred.

1.1. Describe the course of action that you will undertake as the leader of rescue medical team sent to the disaster site. (50 marks)

1.2. Name five (05) institutions which can help during this disaster. (25 marks)

1.3. Name five (05) injuries that you could see in the victims of above incident. (25 marks)

2. You are the only medical officer at the emergency treatment unit (ETU). A 40-year-old is brought with severe left sided chest pain radiating to the chin and left arm.

He is conscious. A multi monitor is attached to him and the baseline parameters are, pulse rate of 120 beats/minute, blood pressure 90/60 mmHg, SpO₂ 90% on air.

2.1. Outline your management plan. (20 marks)

2.2. What investigations would you send for in this patient? (20 marks)

2.3. The clinicians decided to send this patient to a tertiary care center which is 30 km away.

2.3.1. Who are the personnel who should accompany him? (10 marks)

2.3.2. Name the
(a) equipment (10 marks)

(b) drugs (10 marks)

that should be taken on transfer.

2.4. How would you organize the transfer to reach the tertiary care center within 30 minutes? (30 marks)

Contd.../2-

3. Sri Lankan health system is currently experiencing a crisis due to short supply of drugs and other essential medicines. Many actions have been taken to address this issue at different levels of the system.
 - 3.1. Describe briefly the actions taken to address this issue at the hospital and national levels. (50 marks)
 - 3.2. Discuss the possible impacts of such long-term short supply of drugs and medical supplies. (50 marks)

4. Briefly describe the following:
 - 4.1. Natural disasters. (20 marks)
 - 4.2. Man-made disasters. (20 marks)
 - 4.3. List five (05) stakeholders each involved in the
 - 4.3.1. natural disasters. (15 marks)
 - 4.3.2. man-made disasters. (15 marks)
 - 4.4. Discuss the importance of addressing mental health aspects in natural disasters. (30 marks)

5. Write short notes on the following:
 - 5.1. Psychological first aid. (35 marks)
 - 5.2. Dignified management of the dead in disasters. (35 marks)
 - 5.3. Institutions involved in disaster preparedness and management in Sri Lanka. (30 marks)