

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

POSTGRADUATE DIPLOMA IN HEALTH SECTOR DISASTER
MANAGEMENT EXAMINATION – MARCH 2020

Date:- 3rd March 2020

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. A sudden blast in a large chemical factory in Dehiwala has resulted in a fire. About 300 employees are believed to be trapped inside the building. A rescue mission is underway to evacuate them. Colombo South Teaching Hospital (CSTH) has been informed to be ready to accept the casualties.
 - 1.1. Name ten (10) different injuries that can be seen in the victims of above disaster. (10 marks)
 - 1.2. Describe the pre-hospital response of the above incident that you will carry out as the in-charge of the pre-hospital medical team. (40 marks)
 - 1.3. List ten (10) steps that you will take in the chemical factory to avoid/ minimise damage from similar disasters in the future. (20 marks)
 - 1.4. Briefly describe your action plan if you are the Disaster Management Focal Point in CSTH. (30 marks)

2. Multiple bomb blasts and gunfire attack happened in a border village resulting in many deaths and injuries. After initial rescue mission, around 400 villagers were placed in a temporary shelter. Villagers refuse to go back, and it is expected that they would be in the temporary shelter for a long time.
 - 2.1. List the steps you would take to prevent the following among the displaced.
 - 2.1.1. Child abuse (15 marks)
 - 2.1.2. Teenage pregnancy (15 marks)

Contd.../2-

2.2. Briefly describe the care provided to the neonates delivered at the temporary shelter

2.2.1. during the acute stage. (20 marks)

2.2.2. in the long term. (20 marks)

2.3.

2.3.1. List four (04) psychological issues expected among the health workers who were involved during the acute response.

(10 marks)

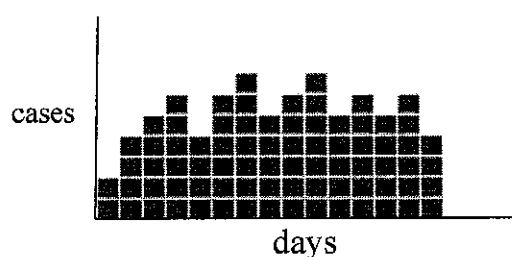
2.3.2. Briefly describe how you would provide psychological support to these affected health workers. (20 marks)

3. You have been appointed as the Disaster Management Focal Point to a District General Hospital. It has no disaster preparedness plan.

3.1. Describe the steps you would take to prepare the disaster preparedness plan for the hospital. (40 marks)

3.2. List ten (10) items you would request for the disaster cupboard in the Emergency Treatment Unit of the hospital. (40 marks)

3.3. Shown below is the epidemic curve in the hospital during an outbreak. Briefly describe the type of the curve and the epidemic. (20 marks)



Contd.../3-

4. There are 33 Sri Lankan students trapped in Wuhan, China which is in lock down status since the COVID-19 was reported. Sri Lankan government decided to bring down these students and keep them quarantined for 14 days in an Army camp in Sri Lanka. You have been appointed as the Chief Co-ordinator of this mission at national level.
 - 4.1. List ten (10) stakeholders and the responsibilities you want to assign to each stakeholder to conduct this mission. (50 marks)
 - 4.2. List five (05) steps you would take to provide psychological support to evacuated students during this process. (25 marks)
 - 4.3. Briefly describe how you would advise the personnel involved with this mission regarding adherence to health safety measures. (25 marks)

5. Write short notes on the following:
 - 5.1. WHO Emergency Medical Teams (EMT) Initiative. (25 marks)
 - 5.2. Public Health Emergencies of International Concern (PHEIC). (25 marks)
 - 5.3. Maintaining dignity and respect to the dead in disasters. (25 marks)
 - 5.4. Prevention of bushfires in Sri Lanka. (25 marks)

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