



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2016/2017

FIRST SEMESTER EXAMINATION FOR THE DEGREE OF MASTER OF SCIENCE (ENVIRONMENTAL HEALTH)

HEH 803: DISASTER MANAGEMENT AND HEALTH

DATE: Friday 25th November 2016

TIME: 9.00a.m -12.00p.m

INSTRUCTIONS :

Answer Question one and any other three questions. Question one carries 50 marks and the rest carry 30 marks each.

1. a) Discuss the contingency planning as an essential element in disaster management in environmental health. [14marks]
b) Describe the utility of Incident Command System (ICS) in disaster management. [6marks]
c) Elucidate the political, economic, social and cultural processes that affect disaster management and suggest ways to mitigate those. [30marks]
 2. a) Examine in detail the environmental health aspects of disaster and emergence management. [15marks]
b) Explain the Hyogo framework for disaster risk reduction in Kenya and its relevance to Kenya. [15marks]
 3. a) Discuss factors that enhance vulnerability in disasters and emergencies. [15marks]
b) Describe the actions and activities you will implement in the event of a disaster in order to achieve effective services to affected communities. [15marks]
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4. Explain the disaster preparedness and management elements that Kenya has put in place to manage her disasters indentifying the strengths, weaknesses, opportunities and threats to these strategies under the following subheadings. [30marks]
- i) Policy framework
 - ii) Legal framework
 - iii) Institutional, personal and technical capacity
 - iv) Political, social and cultural orientations
 - v) Economic and developed aspects
5. a) Describe the application and utility of nay five theories of disaster management in modern Kenya. [15marks]
- b) An effective incident Command System in disaster management is an essential component of any disaster preparedness.. Examine validity of this statement. [15marks]