



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2017/2018

FIRST SEMESTER EXAMINATION FOR THE DEGREE OF MASTERS OF SCIENCE

HEH 803: DISASTER MANAGEMENT AND HEALTH

DATE: Friday, 2nd February 2018

TIME: 9.00 a.m. - 12.00 p.m.

INSTRUCTIONS:

ANSWER QUESTION ONE AND ANY OTHER THREE QUESTIONS. QUESTION ONE CARRIES 50 MARKS WHILE THE REST CARRY 30 MARKS EACH

1. a) Discuss the different types and classes of disasters, their trends and consequences on displaced people. (20 Marks)
- b) Describe the major political, economic, social and cultural processes that affect effective response to humanitarian emergencies and suggest ways to mitigate them. (30 Marks)
2. a) Describe the components of disaster preparedness and management. (15 Marks)
- b) Explain the underlying principles of public health management and the main problems of public health control in emergencies. (15 Marks)
3. a) Identify and describe Hazard identification, characterization and analysis in disaster preparedness and emergencies. (15 Marks)
- b) You have been appointed as the environmental health officer in the event of a disaster. Describe the steps you will take and implement in order to achieve effective services to affected communities. (15 Marks)

INVOLVEMENT IN ANY EXAMINATION IRREGULARITY SHALL LEAD TO DISCONTINUATION

4. Kenya has faced several types of disasters since time immemorial. Examine the disaster management strategies that Kenya has put in place identifying the strengths, weaknesses, opportunities and threats to these strategies under the following subheadings. (30 Marks)
- i) Policy framework
 - ii) Legal framework
 - iii) Institutional, personnel and technical capacity
 - iv) Political, social and cultural orientations
 - v) Economic and developmental aspects.
5. a) Using a relevant humanitarian emergence event, describe the application of problem solving-task model in the management of an emergency situation. (15 Marks)
- b) Examine the organization, utility and functionality of an effective incident command system in disaster management. (15 Marks)