



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2009/2010

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

HEH 402: DISASTER MANAGEMENT

=====

DATE: MONDAY 21ST DECEMBER 2009

TIME: 2.00 P.M. – 4.00 P.M.

INSTRUCTIONS

This paper consists of two sections.

Section A: SAQs and Section B: LEQs.

SECTION A: SAQs . Answer all Five (5) Questions. (20 marks)

- | | | |
|--------|--|-----------|
| SAQ 1. | Define impact. | (4 marks) |
| SAQ 2. | Outline the vulnerability factors. | (4 marks) |
| SAQ 3. | Give the mathematic formular of risk. | (4 marks) |
| SAQ 4. | Define “Household Livelihood security model” | (4 marks) |
| SAQ 5. | What is human vulnerability? | (4 marks) |

SECTION B. LEQs. Question ONE is Compulsory. In addition, answer any other TWO Questions.

- LEQ 1. Outline in detail the main steps in disaster management cycle. (20 marks)
- LEQ 2. Describe the process in disaster preparedness. (15 marks)
- LEQ 3. Explain the concept of disaster risk reduction using the Hyogo framework for action. (15 marks)
- LEQ 4. Explain the methodology for disaster risk management. (30 marks)
- LEQ 5. Draw the interaction between vulnerability using appropriate examples. (15 marks)