



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2010/2011

**FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF
ENVIRONMENTAL STUDIES (COMMUNITY DEVELOPMENT)**

ECD 407: DISASTER PREPAREDNESS AND MANAGEMENT SYSTEMS

DATE: Thursday, 2nd December, 2010

TIME: 2.00 p.m. – 4.00 p.m.

INSTRUCTIONS:

Answer question **ONE** (compulsory) and any other **TWO** questions. Use well labeled illustrations where necessary.

1. a) Define the following terms:
 - i) Preparedness (2 marks)
 - ii) Vulnerability (2 marks)
 - iii) Risk Assessment (2 marks)
 - iv) Disaster Risk Management (2 marks)
 - v) An Alert (2 marks)
 - b) Using an example for each case, provide a concise classification of hazards that are prevalent in Kenya. (10 marks)
 - c) Disasters may become opportunities for building back better development practices. Discuss briefly using Kenyan examples. (10 marks)
-
2. a) What is an Early Warning System (EWS)? (2 marks)
 - b) As a community disaster manager in Narok, you have been mandated to implement a new EWS. Give the components and basic questions that must be addressed before either setting up or evaluating its effectiveness (12 marks)

- c) Define and outline the forecast warning codes your office will employ
(6 marks)
3. a) Identify the Key objectives of Kenya's National Disaster Policy
(4 marks)
- b) Explain and relevance of the Institutional Linkages framework in Disaster Management under the policy
(10 marks)
- c) Is the Institutional Linkages framework adequate for the country's disaster management needs in view of the country's new constitutional order? Justify and if not, how can it be improved?
(6 marks)
4. Using examples, explain why disasters are on the rise globally and in Kenya. Briefly outline some of the *neglected disasters* in Kenya.
(20 marks)
5. Under the *Hyogo Framework for Action 2005 – 2015*, what key activities were outline for action to strengthen disaster preparedness for effective response? In your opinion, assess Kenya's achievements with 5 years to go?
(20 marks)