



KENYATTA UNIVERSITY
UNIVERSITY EXAMINATIONS 2009/2010

**SECOND SEMESTER EXAMINATION FOR THE DEGREE OF MASTER OF
ENVIRONMENTAL STUDIES (COMMUNITY DEVELOPMENT)**

ECD 508: POPULATION DYNAMICS AND ENVIRONMENTAL HEALTH

DATE: Tuesday 6th April, 2010

TIME: 2.00 p.m. – 5.00 p.m.

INSTRUCTIONS

Answer Question 1 and any other THREE.

1. Explain how the following concepts relate to human health:
 - (i) Greenhouse Effect
 - (ii) Ultra-violet radiation
 - (iii) Aflatoxin
 - (iv) In-door air pollution
 - (v) Municipal effluent accumulation. [25 marks]
2. Briefly discuss how various segments of human population are affected by their interaction with the environment. [15 marks]
3. (a) Distinguish between “Environmental Pollution” and “Bio-accumulation”. [5 marks]
(b) Explain the relationship between Pest management and Environmental Health. [10 marks]
4. Explain the ways in which the “urban poor” could play a leading role towards improved environmental health. [15 marks]
5. Write short notes on Environmental risk Assessment in relation to human health. [15 marks]
6. Identify and explain how any three diseases are a product of environmental mismanagement. [15 marks]

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