



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2011/2012

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

ECD 209: CLIMATE CHANGE AND COMMUNITY LIVELIHOODS

DATE: Wednesday 4th April 2012

TIME: 8.00a.m – 10.00a.m

INSTRUCTIONS:

Answer Question One and any other Two

1. a) Climate change is often viewed in a negative light. Outline some possible positive effects of climate change to women in their communities. [5marks]
b) Briefly outline three market based Kyoto mechanisms. [15marks]
c) Describe the types of agricultural projects which could be funded through carbon trading in the future.
2. Outline how institutions at the local, national and regional scale can create opportunities or constraints for community livelihoods to adapt to climate change. [20marks]
3. Citing relevant examples, discuss how the achievement of vision 2030 will be determined by the ability of communities to adapt to change climate. [20marks]
4. Climate model predict the increasing CO₂ concentrations will result in increasing average temperatures.
a) Explain how the above might affect precipitation? [5marks]
b) Outline the factors that may cause an increase in runoff in ASAL (Arid and Semi-arid Lands) without an increase in total precipitation.
5. Outline and discuss the acronym REDD+ and its relevance to communities. [20marks]