



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2014/2015

INSTITUTIONAL BASED PROGRAMME (IBP) AUGUST 2014 SESSION EXAMINATION FOR THE DEGREE OF MASTER OF ARTS/SCIENCE IN GEOGRAPHY

AGE 813: CLIMATE CHANGE AND SUSTAINABILITY

DATE: Tuesday 30th December 2014

TIME: 2.00p.m - 5.00p.m

INSTRUCTIONS

Answer question ONE and any other Three

1. a) Differentiate between "Weather change" and "climate change". [4marks]
b) Discuss the components of the Global Climatic system. [10marks]
c) i) Explain the El Nino Phenomenon. [5marks]
ii) Explain the Kyoto Protocol for addressing climate change. [6marks]
d) Explain the climate change adaptation concept. [5marks]
2. Examine effects of climate change on sustainable agriculture in Africa. [15marks]
3. What is Global Warming? Discuss the green house gases showing how they cause climate change. [15marks]
4. Evaluate the impacts of climate change on water resources. [15marks]
5. a) Discuss ways in which climate change in the past can be studied. [8marks]
b) Explain challenges facing geographers in the collection, management and dissemination of climate change information in Africa. [7marks]
6. Discuss the elements that you may consider in developing National Policies and strategies for limiting greenhouse gas emissions and for sustainability? [15marks]