



# MASENO UNIVERSITY

## UNIVERSITY EXAMINATIONS 2013/2014

THIRD YEAR FIRST SEMESTER EXAMINATIONS FOR THE DEGREE  
OF BACHELOR OF SCIENCE ( CLIMATE CHANGE AND  
DEVELOPMENT )WITH INFORMATION TECHNOLOGY

(MAIN CAMPUS)

### **NCA 303: CLIMATE CHANGE POLICY AND RESPONSE STRATEGY IN KENYA**

*Date: 31<sup>st</sup> March, 2014*

*Time: 2.45 – 5.00pm*

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#### **INSTRUCTIONS:**

- Answer QUESTION ONE and ANY OTHER TWO questions.
- Sketch maps and diagrams should be used whenever appropriate.



1. a) Examine the weaknesses of United Nations Framework Convention on Climate change (UNFCCC) in combating climate change. [10 marks]
- b) Explain the impacts of climate change on the following natural systems in Kenya:
  - i). Energy [6 marks]
  - ii). Forestry [6 marks]
- c). Describe the role of Least Developed Countries Fund and Special Climate Fund in tackling adaptation to climate change. [8 marks]
2. a). Examine the technology transfer and development considerations under the Bali Action Plan. [8 marks]
- b). Describe SIX channels through which climate friendly technologies transfer to and within Kenya can be achieved. [12 marks]
3. Discuss the institutional framework governing climate change in Kenya. [20 marks]
4. Explain how Devolved Funds in Kenya can benefit climate change response programmes. [20 marks]
5. Examine the role of research in achieving a low-carbon society. [20 marks]
6. Discuss the role of biotechnology in adapting to and mitigating the effects of climate change on food security in Kenya. [20 marks]