



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2013/2014

**THIRD YEAR SECOND SEMESTER EXAMINATIONS FOR THE
DEGREE OF BACHELOR OF SCIENCE CLIMATE CHANGE AND
DEVELOPMENT WITH INFORMATION TECHNOLOGY**

(MAIN CAMPUS)

NCA 308: CLIMATE CHANGE MITIGATION

Date: 24th July 2014

Time: 11.00 – 1.00 pm

INSTRUCTIONS:

- Answer question ONE and ANY other TWO Questions
- Sketch maps and diagrams should be used wherever appropriate



NCA 308: CLIMATE CHANGE MITIGATION

- 1a. Describe the contribution of the Global Environment Facility (GEF) to climate change mitigation (10 marks)
- b. Outline the specific recommendations that can enable Kenya to benefit from Reduced Emissions from Deforestation and Degradation (REDD) programme in Developing Countries. (5 marks)
- c. Examine the possible opportunities for overcoming barriers to climate change mitigation. (10 marks)
- 2a. Write brief notes on greenhouse gas stabilization in the atmosphere. (10 marks)
- b. Explain sinks of greenhouse gases (10 marks)
3. Discuss the common approaches used to reduce CO₂ emissions at local and global levels (20 marks)
4. Explain the climate change mitigation efforts in the following sectors in Kenya
 - i) Agriculture (10 marks)
 - ii) Transport (10 marks)
5. Explain the measures that Kenya should undertake to enable her participate effectively carbon markets through the Clean Development Mechanism (CDM) (20 marks)
6. Explain the appropriate policies used to mitigate green house gas emissions in developing countries (20 marks)