



**MASENO UNIVERSITY**  
**UNIVERSITY EXAMINATIONS 2015/2016**

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

**MAIN CAMPUS**

**NCA 308: CLIMATE CHANGE MITIGATION**

Date: 26<sup>th</sup> April, 2016

Time: 2.30 - 4.30 pm

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**INSTRUCTIONS:**

- Answer question ONE and any other TWO questions.
- Sketch maps and diagrams should be used whenever appropriate.



### NCA 308: CLIMATE CHANGE MITIGATION

1. a) Explain the term climate change mitigation. (10 marks)  
b) Describe the main sources of Green House Gases (GHGs) in Africa (10 marks)  
c) Discuss **FIVE** strategies that Kenya has put in place to deal with GHGs. (10 marks)
2. Discuss the barriers and opportunities that exist in climate change mitigation in the following sectors;
  - a) Building sector (10 marks)
  - b) Transport sector (10 marks)

Explain the link between sustainable development and climate change mitigation (20 marks)

3. a) Discuss any **FIVE** challenges Kenya is facing in the implementation of National Climate Change Response strategy (10 marks)  
b) Describe the role of International conventions/instruments in monitoring the implementation of climate strategies in Kenya (10 marks)
4. Discuss **FIVE** sector specific mitigation technologies and practices being adopted in Kenya (20 marks)
5. Discuss the role of women in climate change mitigation in the devolved governments in Kenya. (20 marks)