



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2016/2017

**FIRST YEAR FIRST SEMESTER EXAMINATION FOR DEGREE
OF BACHELOR OF SCIENCE IN CLIMATE CHANGE AND
DEVELOPMENT WITH INFORMATION TECHNOLOGY**

MAIN CAMPUS

**NCA 101: INTRODUCTION TO CLIMATE CHANGE AND
DEVELOPMENT**

Date: 1st December, 2016

Time: 3.30 - 6.30pm

INSTRUCTIONS:

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



- 1 a . Define the following terms within the context of climate change community.
- i) Climate change (2marks)
 - ii) Climate change impacts (2marks)
 - iii) Climate change mitigation (2marks)
 - iv) Climate change adaptation (2marks)
 - v) Climate change policy (2 marks)
- b. Explain any five sources of greenhouse gases (10 marks)
- c) Explain the link between greenhouse gases- global warming- climate change (10 marks)
2. Explain how the components of the atmosphere affect weather and climate. (20 marks)
3. Explain the anthropogenic causes of climate Change (20 marks)
4. Discuss the evidence of the current climate change. (20 marks)
5. Examine the impacts of climate change on development (20 marks)
6. Analyze the global responses to climate change (20 marks)