



**MASENO UNIVERSITY**  
**UNIVERSITY EXAMINATIONS 2016/2017**

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

**MAIN CAMPUS**

**NCA 103: HUMAN DIMENSION OF GLOBAL  
ENVIRONMENTAL CHANGE**

Date: 7<sup>th</sup> December, 2016

Time: 8.30 - 11.30am

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**INSTRUCTIONS:**

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

- 1 a) Describe the natural component of the climate system (10 marks)
- b) Discuss the drivers of climate change (10 marks)
- c) Explain any five consequences of climate change on humans (10 marks)
2. Illustrate and explain the critical interfaces between humans and the climate system (20 Marks)
3. Discuss the human causes of climate change (20 marks)
4. Discuss how humans can mitigate climate change (20marks)
- 5). <sup>Examine any four (4)</sup> Explain community based responses to the impacts of climate change (20 Marks)
- 6) Develop and explain a framework for understanding the relationships between humans and climate. (20 Marks)

EE LLM