



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2016/2017

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

MAIN CAMPUS

NCA 304: CLIMATE CHANGE AND SUSTAINABLE DEVELOPMENT

Date: 29th November, 2016

Time: 12.00 - 3.00pm

INSTRUCTIONS:

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



- 1 a) Explain the link between sustainable development and climate change
(10 marks)
- b. Climate change mitigation and adaptation is critical to sustainable development. Discuss. (20marks)
2. Explain why a pluralist approach to sustainable development will not be effective in achieving positive outcomes for climate change
(20 Marks)
3. Explain the following reformist sustainable development approaches in the context climate change mitigation and adaptation
- a)Market environmentalism: or 'let's buy our way out' (10 Marks)
- b)Ecological modernization: the technological solution? (10Marks)
4. Discuss environmental populism approach in reference to adaptation to climate change in poorer countries in Africa (10 marks)
5. Examine the following radical approaches to sustainable development
- a) Neo-Malthusian Perspectives and Climate Change (10 marks)
- b) Deep ecology and eco-centric perspectives and climate change (10 marks)
- 6 . Examine how climate change mitigation and adaptation initiatives enhance sustainable development (20Marks).