



**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 302: GLOBAL RESPONSE TO CLIMATE CHANGE**

Date: 3<sup>rd</sup> December, 2016

Time: 3.30 - 6.30pm

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**INSTRUCTIONS:**

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



**Q1.**

- A. Discuss the concept of global warming (10marks)
- B. Discuss the evidence of climate change (10marks)
- C. Distinguish between Climate change mitigation and adaptation (10 marks)

**Q2.**

- A. Discuss the evolution and main objectives of The United Nations Framework Convention on Climate Change (UNFCCC) (10marks)
- B. Explain the five principles of the United Nations Framework Convention on Climate Change (10marks)

**Q3.** Discuss the evolution and the flexibility mechanisms of Kyoto protocol

(20 marks)

**Q4.** Discuss the problems associated with technology transfers under Clean Development Mechanism (CDM)

(20marks)

**Q5.** Discuss the procedures required to define the eligibility of lands for afforestation and reforestation under Clean Development Mechanism

(20marks)

**Q6.** Discuss any **FOUR** financing mechanisms available to the least developed countries (LDCs) for implementing their agent and immediate adaptation needs

(20marks)