



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

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

**MAIN CAMPUS**

**NCA 302: GLOBAL RESPONSE TO CLIMATE CHANGE**

Date: 21<sup>st</sup> April, 2016

Time: 8.30 - 10.30 am

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**INSTRUCTIONS:**

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



**NCA 302: GLOBAL RESPONSES TO CLIMATE CHANGE**

- Q1a)** Explain the evidence of climate change (10 marks)
- b) Explain Mitigation and Adaptation to climate change (10 marks)
- c) Explain 5 factors that hinder effective climate change adaptation in Africa (10 marks)
- Q2.** Discuss the evolution of the Kyoto protocol and its contribution towards climate change mitigation (20 marks)
- Q3.** Discuss the evolution and the role of Expert Group on Technology Transfer (EGTT) in Climate change Mitigation (20 marks)
- Q4.** a) Discuss Clean Development Mechanism concept under Kyoto protocol (20 marks)
- (b) Discuss the problems associated with technology transfers under clean development mechanism (10 marks)
- Q5.** Examine the role of UNFCCC in climate change mitigation (20 marks)
- Q6.** Discuss any **FOUR** financing mechanisms available to the least developed countries (LDCs) for implementing their adaptation needs (20marks)